

April 30, 2021
File: 192800195

Attention:

Jered Duke
Boxes Builders, Inc
384 North Madison Avenue, Suite 101
Greenwood, Indiana 46142

**Reference: 2122 Colvin Boulevard, Tonawanda, New York
NYSDEC Voluntary Cleanup Program Site V00334
Draft Phase II Environmental Site Assessment**

This draft report summarizes the results of Stantec's Phase II Environmental Site Assessment (Phase II ESA) at 2122 Colvin Boulevard, Tonawanda, Erie County, New York (the "Property"; see location, Figure 1). Our work was performed in accordance with Stantec's March 31, 2021 change order, authorized by Boxes Builders on April 2, 2021. This work has been performed to facilitate purchase of the Property.

I. PROJECT BACKGROUND AND OBJECTIVES

Stantec understands that the Property is a former fiber drum manufacturing facility currently owned by Greif, Inc. (Greif). You are proposing redevelopment of the existing building for use as a conditioned space self-storage facility. Further, the Property may be augmented with up to 10,000 sf of new self-storage units and the parking area to the north of the building will be used for outside storage of recreational vehicles. The existing parking lot north of the building may be available to offset new impermeable area.

Stantec performed a Phase I Environmental Site Assessment for the property (March 2021) in conformance with the scope and limitations of ASTM Practice E1527-13. The Phase I revealed the following evidence of recognized environmental conditions (RECs) in connection with the Property.

- The Property is listed as a Petroleum Bulk Storage (PBS) facility, PBS No. 9042587. According to a 1998 Site Inspection/Phase II ESA report, two 10,000-gallon underground fuel oil tanks were closed in place in 1987 by pumping out the liquid/sludge and filling with concrete. No other closure documentation was found during the Phase I ESA. Proper closure involves rendering the tank inert of vapors, cleaning it with a high-pressure rinse (fuel oil tanks typically require entering the tanks to manually remove the sludge), and then inspecting the tank for evidence of holes. These tanks represented a REC for the Property.
- Two hydraulic dock levelers were observed in the long- and short-truck bays. Three additional dock levelers (type could not be determined) were observed in the western loading dock portion of the building. Given the age of construction of the shipping/receiving building (1948) there is potential that levelers have PCB-containing hydraulic oil. The condition of the dock leveler could not be inspected. These dock levelers are a REC given the potential that hydraulic oil may have



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leaked and impacted the subsurface. It is understood that as part of the proposed site redevelopment these lifts will be removed.

- A square vault/sump with a metal cover was observed in concrete floor of the flammable storage room. When opened standing water was observed in the vault. The Grief employees did not have any additional information regarding the nature of this vault including discharge location (if any). Given the likelihood that the flammable room historically contained hazardous materials and petroleum products and unknown details of the construction of the vault, it was considered a REC.

Although not identified as a REC in the Phase I ESA other drains/subsurface vaults were identified as an item of note including vaults and subsurface pipes that previously handled wash water from the machinery and reportedly discharge to the sanitary sewer, a trench drain and sump in the boiler room which reportedly discharge to the sanitary sewer. These additional drains/vaults were not RECs given the reported uses and discharge locations

Based on the findings (RECs) noted above, it was recommended that a Phase II ESA be performed in order to further assess the former fuel oil tanks and observed drains/vaults. It should be noted that the exact location of the tanks was not indicated in the documentation reviewed as part of the Phase I ESA.

It is understood that the dock levelers will be removed during redevelopment and that Boxes Builders is planning to monitor their removal to assess the potential subsurface impacts at that time; therefore, this REC was not further investigated as part of the Phase II ESA.

During the Phase I ESA Stantec also identified controlled RECs (CRECs) on the Property associated with the previous investigations and remediation by the former owner Sunoco, under the New York State Department of Environmental Conservation (NYSDEC) Voluntary Cleanup Program (VCP). Remediation was completed in 2018; however, soil and groundwater contamination remain on the Property. In accordance with a Deed Restriction related to the remaining contamination, Institutional and Engineering Controls (I&ECs) are in place. In accordance with the VCP conditions and the Environmental Easement, Sunoco remains the Responsible Party for existing environmental conditions at the Property, and is responsible for ongoing Operation, Monitoring and Maintenance (OM&M) of the remedial systems (sub-slab depressurization system), groundwater monitoring, site inspections and periodic reporting to NYSDEC. Any earthwork or disturbance to the on-site cap (which includes the building slab) will require notification to NYSDEC and the work must be performed in accordance with requirements included in the Site Management Plan (SMP).

II. FUEL OIL TANKS INVESTIGATION

Correspondence with NYSDEC

As required in the SMP, notification to NYSDEC is required prior to any subsurface disturbance. In preparation for the subsurface work Stantec submitted a work plan to NYSDEC via e-mail which



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described the scope of the planned subsurface activities. The NYSDEC approved the work plan prior to the commencement of work. A copy of the correspondence with NYSDEC is included in Appendix A.

Field Investigation Activities

The tank investigation program involved a ground penetrating radar (GPR) survey, soil test borings, temporary monitoring well installation, groundwater sampling, and analysis of selected soil and groundwater samples. The GPR survey was completed on April 7, 2021 and the drilling and sampling program was completed on April 12, 2021.

Subcontracted GPR services were provided by Ground Penetrating Radar Systems, LLC (GPRS). The objective of the GPR survey was to locate the reported fuel oil USTs and clear proposed soil boring locations of subsurface utilities/obstructions. GPRS was unable to locate the USTs using GPR given apparent interference associated with the clay soil. During the survey a concrete vault which had binary metal covers was observed south of the boiler room (see Figure 2). The metal covers to the vault were opened and, about two feet below ground surface (ft bgs), sand, a large chunk of concrete and some rebar were observed. Probing with a shovel indicated that concrete was encountered several inches below the sand. Two metal pipes were sticking out of this concrete vault near the wall which had been cut right above and below the concrete pad (see photograph in Appendix B). These pipes are below an apparent mounting bracket on the wall and it is suspected that these may have at one time been the tank vent pipes. Given these observations, the soil borings/temporary wells were positioned around this feature. Since this feature is located immediately adjacent to the building, a soil boring could not be installed north of the suspected tanks.

An apparent well, constructed out of 2-in. diameter PVC pipe within a metal outer casing, was observed east of the concrete vault (see Figure 2 and Appendix B). At the time of the investigation the well was dry and approximately 13 ft deep. When an ERM representative, the consultant for Sonoco, met Stantec on-site, he stated that he did not know what this well was used for and that it was not a well installed as part of the VCP. The 1998 report from ERM stated that following closure of the USTs groundwater samples were collected; however, this data was never provided. It is possible that this observed well is related to the closure of the USTs.

Subcontracted drilling services were provided by Matrix Environmental Technologies Inc. (Matrix) using direct-push Geoprobe® equipment with a dual tube system. Stantec personnel performed technical monitoring and logging of subsurface conditions. Drilling and sampling activities were performed on April 12, 2021. Prior to initiating the drilling program, Matrix contacted DigSafely New York to locate publicly-owned underground utilities in the areas to be investigated.

Five test borings which were converted to temporary monitoring wells were installed (SB/MW-1 through SB/MW-5) at the locations shown on Figure 2. Test boring logs are included in Appendix C. The borings were advanced to depths ranging between approximately 11.5 ft and 30 ft bgs. Soil boring installation depths varied based on the observed depth to groundwater. Continuous samples were collected using 5-foot-long Macro-Core® sleeves.



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Soil was visually inspected and described in terms of grain size distribution and inspected for indications of staining, sheens, etc. The soil samples were screened for the presence of volatile organic compound (VOC) vapors using a calibrated photoionization detector (PID) equipped with a 10.6 eV lamp. Portions of each soil sample were placed in individual sealed containers, and the vapors that accumulated within the headspace of the containers were screened using the PID.

Soil samples were collected and retained for analysis from four of the borings (SB-1, SB-2, SB-3 and SB-4). Samples were collected at depth intervals based on the field manager's observations; if no impacts were observed, samples were collected from near the suspected water table. Soil cuttings were containerized in a 55-gallon drum. Drilling equipment was decontaminated between soil boring locations and water used for decontamination was containerized in a 55-gallon drum. The 55-gallon soil and water drums were labeled and placed in the locked former treatment building.

Following completion of the soil borings, a temporary monitoring well was installed in each borehole. The wells were constructed of 1-inch diameter PVC with either five or ten feet of screen. Well screens were installed at the approximate depth of the observed water table. In soil borings SB-2, SB-4 and SB-5 groundwater was encountered in shallow fill and the wells were screened at 1.5-11.5 ft bgs, 5-15 ft bgs and 10-15 ft bgs, respectively. In soil borings SB-1 and SB-3 groundwater was encountered in deeper sandy/silty soils and the wells were screened at 20-30 ft bgs and 15-25 ft bgs, respectively.

Groundwater samples were collected on the same day as well installation, within eight hours of the temporary well installations. After receipt of the analytical results, the PVC casings and screens were removed, and the boreholes were backfilled to the surface with bentonite.

Observations

In soil borings SB-1 and SB-3 reworked native soils/fill were encountered to depths of approximately 1.1 to 1.6 ft bgs, respectively and consisted of silt with lesser amounts of sand, clay and gravel. In SB-3 sand and silt with roots were encountered between 1.6 and 2.5 ft bgs (potentially former topsoil). Native soils in these borings consisted of reddish-brown clay with some silt to depths of approximately 20 ft bgs. Below the clay, silt and fine sand with some clay was encountered. Groundwater was encountered in MW-1 and MW-3 at 17 ft bgs and 23 ft bgs, respectively. No odors, elevated PID readings or other visible indications of potential contaminant impacts (i.e., no sheens, stains, oil) were observed in these investigation locations.

In soil boring SB-2, reworked native soils consisting of clay, silt and sand were encountered to approximately 1 ft bgs. Below the reworked native soils concrete was encountered. The concrete was penetrated with the Macro-Core® and the drilling subcontractor estimated that the concrete was located either 2 or 3 ft bgs. Below the concrete, coarse gravel fill was encountered to 11.5 ft bgs. A large void was noted by the driller when drilling the 5 to 10 ft interval. Drilling equipment refusal was encountered at 11.5 ft bgs and the driller suspected that this refusal was due to subsurface concrete. A very slight petroleum odor was noted between 10 and 11.5 ft bgs; however, no elevated PID readings were detected. The soil sample for this boring was collected from this interval. Given these observations it is possible that SB-2 was installed in the proximity to the tank pit. Groundwater was encountered in MW-2 at 4 ft bgs.



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In soil borings SB-4 and SB-5, reworked native soils/fill were encountered to a depth of approximately 3.8 to 3.9 ft bgs and consisted of silt, clay and sand with lesser amounts of gravel. Fill consisting of sand and gravel was encountered in SB-4 to 11.5 ft bgs and some apparent cinders were encountered at 3.9 ft bgs. Fill consisting of variable amounts of clay, silt, gravel and sand was encountered to 10.8 ft bgs in SB-5 with some apparent brick at 8 ft bgs. Underlying the fill in both borings was reddish-brown clay with some silt. Groundwater was encountered at 6.2 ft bgs in MW-4 and 9 ft bgs in MW-5. No odors, elevated PID readings or other visible indications of potential contaminant impacts (i.e., no sheens, stains, oil) were observed at these investigation locations.

Laboratory Analytical Results

Four soil samples and five groundwater samples were submitted to Eurofins TestAmerica, Buffalo for laboratory analysis of the following:

- VOCs utilizing USEPA Method 8260C for NYSDEC CP-51 list compounds; and/or
- Semi-volatile organic compounds (SVOCs) utilizing USEPA Method 8270D for NYSDEC CP-51 list compounds.

In MW-3 there was not enough water to analyze for SVOCs; however, a sample was collected for VOCs.

Laboratory reports are included in Appendix C.

VOCs and SVOCs were not detected above laboratory method detection limits (MDLs) in the soil samples. Two VOCs were reported above laboratory detection limits in groundwater samples; toluene in MW-4 at 0.62 ug/L (micrograms per liter; equivalent to parts per billion) and ethylbenzene in MW-5 at 0.79 ug/L. Both concentrations were qualified as an approximate value since they are less than the reporting limit but greater than or equal to the MDL. Both of these detections are well below their NYSDEC TOGS 1.1.1 Ambient Water Quality Standards of 5 ug/L.

These findings are not indicative of impacts to soil or groundwater from the closed-in-place USTs or associated piping. Accordingly, no further investigation of the former fuel oil tanks is warranted.

III. FLOOR DRAIN INVESTIGATION

Roto-Rooter of Buffalo, New York performed a video survey on April 19, 2021 to assess the condition of the vault in the flammable room and other observed vaults/floor drains.

A series of six videos were collected from accessible floor drains and vaults located in the former production space and an exterior sodium silicate (previously used by the facility as glue) supply line. The video footage was captured as a series of digital files. Floor drain and vault locations are included on Figure 3. Findings from the survey are summarized below.

- The vault in the flammable room was further inspected with a shovel. The vault is approximately 1.6 ft by 1.6 ft and is 1.6 ft deep. Water and sediment were present at the bottom of the vault. No outlets were observed, and the bottom and sidewalls of the vault appeared to be made of



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concrete and in good condition. It is recommended that during redevelopment, the water and sediment in the vault be tested and properly disposed of.

- The below grade portion of an exterior sodium silicate supply line (approximately 47 ft long) was video surveyed. The fill port is located south of the building and the supply line is metal. An above grade pump for the sodium silicate line is located in the boiler room. A hole in the bottom of the supply line was observed approximately 26 ft north of the fill port. This hole may have resulted in releases of sodium silicate which may have resulted in impacts to the adjacent soil. Sodium silicate has a high pH; thus, disposal of any potentially impacted soil in the vicinity of the sodium silicate supply line may require pre-treatment or disposal as a hazardous waste.
- There is a narrow concrete trench within the central eastern portion of the building that appears to have formerly been connected to or situated below pieces of equipment. The trench was mostly filled with sediment and glue. Stantec used a spade in several locations and confirmed that the bottom of the trench was concrete and intact; however, the entire length was not inspected.
- The concrete trench leads to Vault 1 then through subsurface piping to Vault 2 which is connected to above grade PVC piping in the boiler room. According to former facility personnel interviewed during the Phase I ESA, the wastewater was treated in the boiler room to adjust the pH before it was discharged to the Town of Tonawanda sewer system.
 - Both Vault 1 and Vault 2 are 3 ft by 2 ft and approximately 4 ft deep. The bottom and sidewalls of the vault could not be fully observed due to the presence of water and buildup of glue and sediment. A shovel was used to feel the bottom and side walls of the vault. They appeared to be concrete.
 - An attempt was made to survey the subsurface piping between Vault 1 and Vault 2 with the camera; however, given sediment/glue build up, the condition of the pipe could not be assessed.
 - The subsurface piping between Vault 2 and the boiler room and the wastewater line in the boiler room could not be assessed with video due to significant sediment build up.

Sodium silicate has a high pH; thus, disposal of residual sediments may require pre-treatment to adjust the pH or potentially disposal as a hazardous waste.

- Floor Drain (FD) 1, located in the northern portion of the building, appeared to be a sump with no obvious inlet or outlet. The sump was partially filled with dry glue and efforts were made to break the glue up in order to assess its condition; however, the bottom of the sump could not be observed.
- FD2 could not be surveyed with a camera due to the presence of a trap; however, it appears that the floor drain heads west towards Colvin Boulevard where a sanitary sewer is known to exist.
- Two floor drains (FD3 and FD4) and associated cleanouts were observed in the boiler room. Attempts were made to video survey FD3 through the adjacent cleanout. The FD3 piping was full of oily sediment and the condition of the subsurface piping could not be assessed. The floor drain



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appeared to head south; however, its connection could not be confirmed. The cleanout for FD4 could not be opened without breaking the cover. It is recommended that the drains be cleaned, and sediments be tested and properly disposed of during site redevelopment.

- Given the high levels of sediment in the floor drain in the boiler room and sodium silicate wastewater lines, the Roto-Rooter technician suspected that a sediment trap/separator was likely present south of the building before connecting to the sewer main. A manhole south of the boiler room was opened and a two-chamber sediment trap/separator was observed (see Figure 3 and Appendix B). One chamber appeared to be full of water which had a sheen. It is recommended that this sediment trap/separator be cleaned, and sediments be tested and properly disposed of during site redevelopment.
- FD5 is located in a small room in the southern portion of the building. This room contains a sink which discharges to a concrete trench which is pitched towards FD5. The camera survey was able to trace the line east approximately 120 ft and the cast iron pipe appeared to be intact. The camera survey was able to confirm that this drain is connected to the sanitary main.
- A third vault (Vault 3) was observed in the southern part of the building. It has an approximate 2 ft by 2 ft metal cover over a circle sediment trap. An apparent cleanout for this trap was observed to the north and was surveyed with the camera. The survey identified that it is a cast iron pipe that was significantly rusted. The pipe was observed to be connected to the sanitary sewer.

IV. CONCLUSIONS

Stantec has performed a Phase II ESA of the former fuel oil tanks and observed drains/vaults at 2122 Colvin Boulevard, Tonawanda, Erie County, New York (the Property).

The exact location of the reported two closed-in-place 10,000-gallon fuel oil tanks could not be identified through the GPR survey; however, surface features were observed which are likely to have been related to these tanks. No subsurface impacts above NYSDEC standards or guidance values associated with petroleum releases were identified in the borings or wells installed in the vicinity of the presumed fuel oil tanks. Based on these findings, no further investigation related to these tanks is warranted.

The floor drain survey identified: a hole in a sodium silicate (glue) supply line; sodium silicate wastewater lines/vaults with significant sediment build up; a floor drain in the boiler room with oily sediment; and an in-line sediment trap/separator apparently connected to the sanitary sewer. Conditions of some of the subsurface piping was difficult to discern during the video survey given significant sediment and glue buildup. No further investigation appears to be warranted at this time; however, the following is recommended during the site redevelopment:

- The vault in the former flammable room was observed to be intact with no outlet. It is recommended that during redevelopment, the water/sediment in the vault be tested and properly disposed of.
- A hole in the sodium silicate supply line was observed and may have resulted in impacts to the adjacent soil. Significant sediment/residual sodium silicate buildup was observed in the concrete



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trench, sodium silicate waste vaults and sodium silicate waste lines. Sodium silicate has a high pH; thus, disposal of any potentially impacted soil in the vicinity of the sodium silicate supply line or sediment/residual sodium silicate buildup in the vaults and lines may require pre-treatment or disposal as a hazardous waste.

- Oily sediment was observed in one of the floor drains in the boiler room and other drains could not be assessed. It is recommended that the drains be cleaned, and their contents be tested and properly disposed of during site redevelopment.

Given the Property's Voluntary Cleanup Program status, and the prior correspondence with the NYSDEC regarding the proposed Phase II activities, it is recommended that this report be shared with the NYSDEC. Additionally, during any future earthwork or disturbance to the on-site cap (which includes the building slab) will require notification to NYSDEC and the work must be performed in accordance with requirements included in the SMP.

V. CLOSING

Stantec appreciates the opportunity to perform this site assessment. Should you have any questions, or require additional information, please contact the undersigned at any time.

Regards,

Stantec Consulting Services Inc.

Thomas Palumbo, PE
Principal
(585) 413-5225
tom.palumbo@stantec.com

Katie Nelson
Sr. Environmental Scientist
(585) 705-5751
katie.nelson@stantec.com

Mike Storonsky
Managing Principal
(585) 413-5266
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List of Figures:

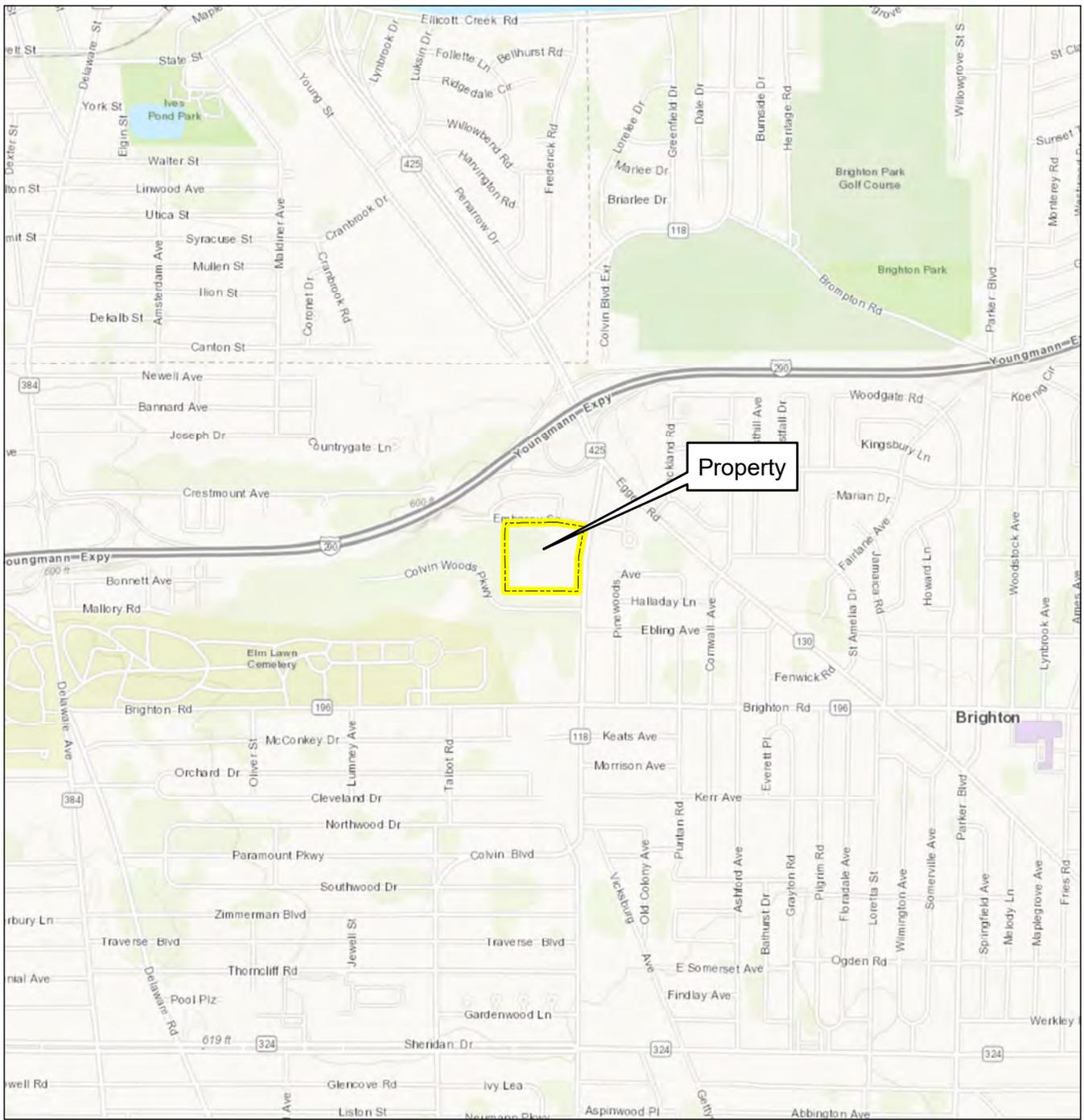
Figure 1 – Project Location Map
Figure 2 – Investigation Locations
Figure 3 – Floor Drain and Vault Locations

List of Appendices:

Appendix A – Correspondence with NYSDEC
Appendix B – Photographs
Appendix C – Soil Boring Logs
Appendix D – Analytical Laboratory Report

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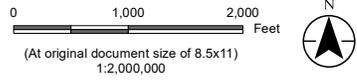
FIGURES



Property



Legend
 Property Boundary



Project Location Tonawanda, NY
 Erie County
Prepared by JNN on 2021-01-22
TR by ABC on 2019-01-01
IR Review by ABC on 2019-01-01

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 2122 Colvin Boulevard
 Boxes Builders Inc.
 192800195

Figure No. 1
Title Figure 1 - Site Location

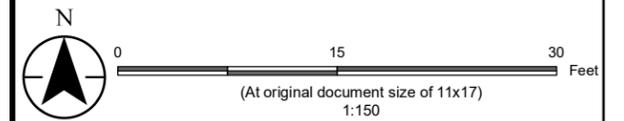
Notes
 1. Coordinate System: GCS WGS 1984
 2. Data Sources:
 3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
 Sources: Esri, HERE, Garmin, Intermap, increment

\\US1275-F026\hared_projects\192800195\Reports\Phase I ESA\Figures\GIS\mxd\Figure 2 - Soil Boring Location .mxd Revised: 2021-04-28 By: kpnelson

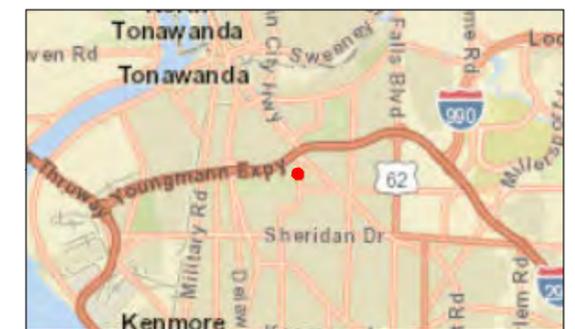


Legend

- Investigation Location



Notes
 1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
 2. Data Sources:
 3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



Project Location
 Tonawanda, NY
 Erie County

Prepared by JNN on 2021-01-22
 TR by ABC on 2019-01-01
 IR Review by ABC on 2019-01-01

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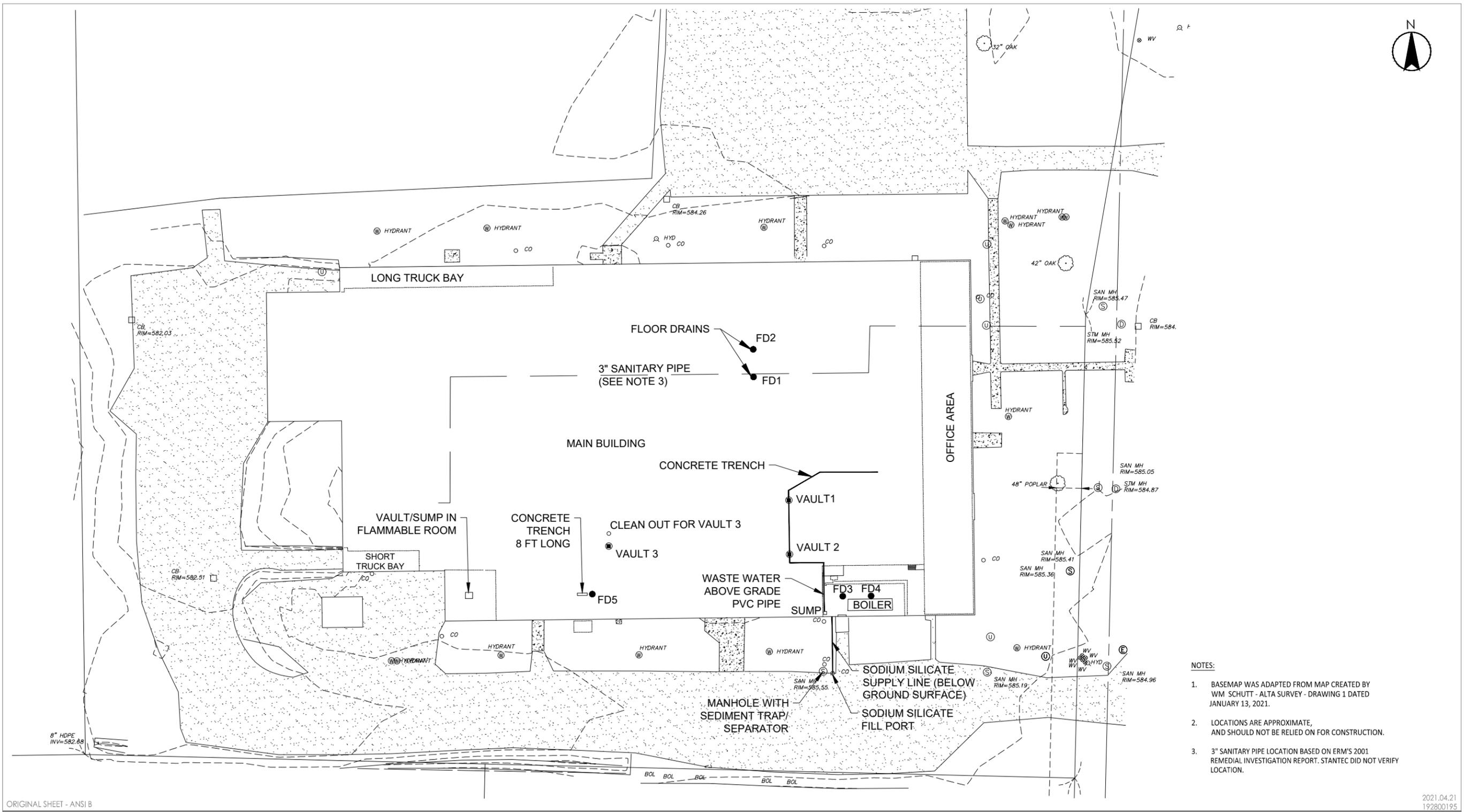
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Figure No.
2

Title
Investigation Locations

DRAFT

U:\192800195\Reports\Phase II ESA\Figures\Figure 3 - Floor Drain And Vault Locations.dwg
 2021/04/29 9:16 AM By: Less, Andy



- NOTES:
1. BASEMAP WAS ADAPTED FROM MAP CREATED BY WM. SCHUTT - ALTA SURVEY - DRAWING 1 DATED JANUARY 13, 2021.
 2. LOCATIONS ARE APPROXIMATE, AND SHOULD NOT BE RELIED ON FOR CONSTRUCTION.
 3. 3" SANITARY PIPE LOCATION BASED ON ERM'S 2001 REMEDIAL INVESTIGATION REPORT. STANTEC DID NOT VERIFY LOCATION.

2021.04.21
 192800195



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Client/Project
 BOXES BUILDERS INC.
 2122 COLVIN BLVD.
 TONAWANDA, NY 14150

Figure No.
FIGURE 3
 Title
FLOOR DRAIN AND VAULT LOCATIONS



APPENDIX A
Correspondence with NYSDEC

From: [Sadowski, Brian \(DEC\)](#)
To: [Nelson, Katherine](#)
Cc: [Storonsky, Mike](#); [Palumbo, Thomas](#); [Jered Duke](#); romanowski@ruppbaase.com; [May, Glenn \(DEC\)](#)
Subject: RE: Greif Packaging Site No. V00334
Date: Tuesday, April 6, 2021 8:18:23 AM

Good Morning Katie,

Stantec's Work Plan has been reviewed and approved by the Department. Our only comment is to expand on bullet 3; CAMP.

Since this work is outside the VCP documented area and the limited scope of intrusion, Stantec has our concurrence that a CAMP is not needed, however, if anything out of the ordinary is encountered, work will cease, an evaluation for a CAMP will be done and implemented as necessary for health and safety.

Sincerely,

Brian Sadowski

From: Nelson, Katherine <Katie.Nelson@stantec.com>
Sent: Tuesday, April 6, 2021 6:43 AM
To: Sadowski, Brian (DEC) <brian.sadowski@dec.ny.gov>
Cc: mike.storonsky@stantec.com; Palumbo, Thomas <thomas.palumbo@stantec.com>; Jered Duke <jered@boxes.builders>; romanowski@ruppbaase.com
Subject: Greif Packaging Site No. V00334

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good Morning Brian,

I am currently working with Boxes Builders, who is looking to purchase and repurpose the former Greif Packaging site located at 2122 Colvin Boulevard in Tonawanda, New York, Site No. V00334 for a storage facility.

We have recently completed a Phase I on behalf of our client and are proposing to conduct a limited Phase II Environmental Site Assessment (ESA) in the vicinity of two former fuel oil USTs located southeast of the building outside of the boiler room (see attached figure). Given that this property is under a Site Management Plan we are seeking your approval to conduct the following intrusive work.

- Prior to drilling and in accordance with applicable law, DigSafelyNY will be contacted for a standard underground utility stakeout prior to drilling. As underground locating services may not identify private utility locations, ground penetrating radar (GPR) survey work will be also performed to clear each boring location prior to drilling. GPR will also be utilized to attempt to find the location

of the fuel oil tanks and locate associated fuel lines, as feasible.

- Conduct one day of test borings. We estimate that up to 4 borings to estimated depths of 30 feet below ground surface (bgs) will be completed on the sides of the former fuel oil tanks as identified during the GPR survey. The actual number, and depths of borings completed will be dependent on subsurface conditions including the presence of fill materials, dense soils and groundwater. We propose to use standard direct-push drilling methods with Macro-Core[®] sleeves to obtain continuous soil samples in each boring. Locations for the borings will be based on historical records and reports, GPR results, and site observations. During drilling, soil samples will be visually inspected, described in terms of grain size distribution and potential fill materials, and inspected for indications of staining, sheen, etc. The soil samples will be screened with a calibrated photoionization detector (PID). We anticipate that up to four soil samples from the soil borings will be submitted for laboratory analysis of CP-51 VOCs and CP-51 SVOCs. Sample intervals selected for analysis will generally target the sample intervals exhibiting the strongest indications of potential contamination.
- If required, Community Air Monitoring Program (CAMP) in accordance with DER-10 will be performed during the drilling activities. Please advise if CAMP monitoring will be needed given the location of the proposed drilling which is outside the area of VCP documented impacts, and the limited disturbance that will be involved on this currently vacant site.
- Where conditions permit and assuming groundwater is encountered, up to four temporary overburden wells will be installed to assess potential groundwater impacts. Well depth will depend on depth to the apparent water table and/or boring refusal. Overburden wells will be constructed of 1-inch diameter, schedule-40 PVC with 10- to 15-ft. long, 0.010-inch slot well screens. Screened intervals will straddle the apparent water table. The temporary wells will be installed without protective outer casings. If sufficient water column is present in a well, the well will be sampled. It is proposed that one groundwater sample will be collected from each of the well for CP-51 VOCs and CP-51 SVOCs.
- Monitoring well MW-8 installed as part of the VCP investigation in the late 1990s is reportedly located down gradient of the former fuel oil tanks. During the Phase II ESA this well will attempt to be located. Should the well be in good condition it is proposed to collect one groundwater sample from this well. Prior to sample collection three times the water volume of the well will be purged and containerized. It is proposed that one groundwater sample will be collected for CP-51 VOCs and CP-51 SVOCs.
- The temporary wells will be removed and borehole will be backfilled to the surface with bentonite following sampling as long as no obvious impacts are observed during installation
- Sampling equipment will be decontaminated between samples with an Alconox and potable water wash and potable water rinse. Soil cuttings, purge water and decon water will be containerized in a 55-gallon DOT approved drum and stored on-site in a secure location for subsequent disposal at an approved facility..

In order to meet Boxes Builder's closing schedule we are hoping to conduct the drilling program next

Monday April 12th. Please let us know if you have any questions or concerns with this program and if we have the Department's approval to proceed.

Thank you,

-Katie

Katherine Nelson

Senior Environmental Scientist/Project Manager

Stantec

61 Commercial Street Suite 100, Rochester NY 14614-1009

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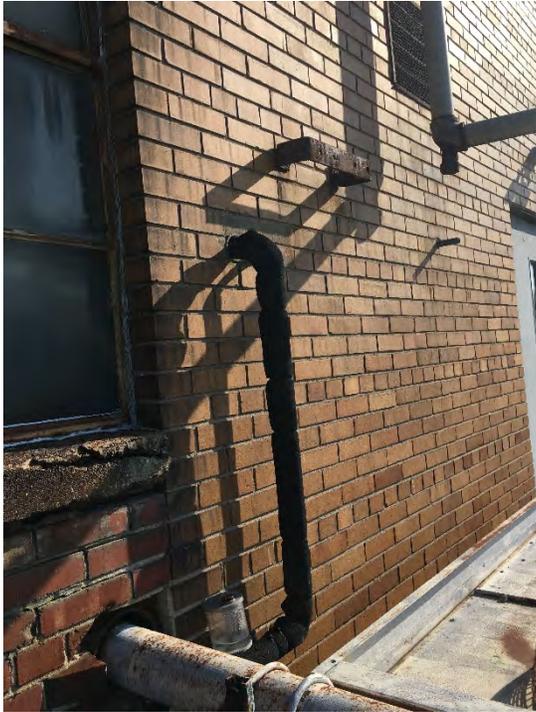
APPENDIX B
Photographs



Concrete vault with metal cover



Suspected former vent pipes



Apparent mounting bracket above suspected vent pipes



Observed existing well (photograph from Phase I ESA)



Fill port for sodium silicate supply line



Sediment trap/separator



Concrete trench and Vault 1



Vault in Flammable Storage Room



Concrete Trench and Floor Drain 5 (below cone)



APPENDIX C
Soil Boring Logs



61 Commercial St., Suite 100
 Rochester, NY 14614
 (585) 475-1440

Test Boring No.: SB/MW-1
 Page: 1 of 2

| | | | | | |
|------------|---------------------|-------------------|-------------------|------------------|--------------------------|
| Project: | 2122 Colvin Blvd | Drill Contractor: | TREC | Start Date: | 4/12/2021 |
| Project #: | 192800195 | Driller: | Chris Stockmaster | Completion Date: | 4/12/2021 |
| Client: | Boxes Builders | Elevation: | NM | Drilling Method: | Geoprobe with Dual Tubes |
| Location: | Tonawanda, New York | Weather: | Overcast 50s °F | Supervisor: | K.Nelson |

| 0 | SAMPLE | | | | Depth of Strata Change (ft) | Material Description and Remarks | |
|----|-----------|-----|-----------|------------|-----------------------------|--|--|
| | PID (ppm) | No. | Rec. (ft) | Depth (ft) | | | |
| | | 1 | 4 | 0-5 | 0-0.2 | TOP SOIL | |
| | | | | | 0.2-1 | Brown-light brown SILT and CLAY, some fine sand, little roots, moist, no odor | |
| | 0.0 | | | | 1-1.1 | Gray medium GRAVEL, dry, no odor -FILL- | |
| | | | | | 1.1-4.0 | Reddish brown with some gray mottles CLAY, some silt, dry, stiff, no odor -NATIVE- Lenses of brown fine sand and silt at 2.2-2.4 ft bgs and 2.7-2.8 ft bgs | |
| | 0.0 | | | | | | |
| | | | | | | | |
| | 0.0 | | | | | | |
| 5 | | 2 | 5 | 5-10 | 5-15 | Reddish brown with some gray mottles CLAY, little silt, dry, stiff, no odor -NATIVE- | |
| | | | | | | | |
| | 0.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 0.0 | | | | | | |
| 10 | 0.0 | 3 | 5 | 10-15 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 0.0 | | | | | | |
| | | | | | 13.4-20 | Reddish brown CLAY, little silt, moist, more plastic, no odor | |
| | | | | | | | |
| | 0.0 | | | | | | |
| 15 | 0.0 | 4 | 5 | 15-20 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 0.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 0.0 | | | | | | |
| 20 | | | | | | | |

- Notes:**
- PID Model MiniRAE 3000 with 10.6eV lamp.
 - ft bgs = feet below ground surface



61 Commercial St., Suite 100
 Rochester, NY 14614
 (585) 475-1440

Test Boring No.: SB/MW-2
 Page: 1 of 1

| | | | | | |
|------------|---------------------|-------------------|-------------------|------------------|--------------------------|
| Project: | 2122 Colvin Blvd | Drill Contractor: | TREC | Start Date: | 4/12/2021 |
| Project #: | 192800195 | Driller: | Chris Stockmaster | Completion Date: | 4/12/2021 |
| Client: | Boxes Builders | Elevation: | NM | Drilling Method: | Geoprobe with Dual Tubes |
| Location: | Tonawanda, New York | Weather: | Light Rain 50s °F | Supervisor: | K.Nelson |

| 0 | SAMPLE | | | Depth (ft) | Depth of Strata Change (ft) | Material Description and Remarks |
|----|-----------|-----|-----------|------------|-----------------------------|--|
| | PID (ppm) | No. | Rec. (ft) | | | |
| | | 1 | 2.5 | 0-5 | 0-0.3 | TOP SOIL |
| | | | | | 0.3-0.7 | Reddish brown CLAY, SILT, and fine SAND, few medium gravel, roots, moist, no odor |
| | | | | | 0.7-1.0 | Brown fine-medium SAND, dry, no odor |
| | | | | | 1-1.2 | CONCRETE |
| | 0.0 | | | | 1.2-2.3 | Brown fine-coarse SAN, few fine gravel, moist, no odor |
| | 0.1 | | | | 2.3-2.5 | Gray/borwn medium-coarse GRAVEL, wet, no odor - FILL- |
| 5 | | | | 5-10 | 5-10 | Variable colors, medium-coarse GRAVEL, wet, no odor -FILL- 1-3 ft void noted by driller |
| | | 2 | 1 | | | |
| | 0 | | | | | |
| | | | | | | |
| 10 | | | | 10-15 | 10-11.5 | Gray fine-medium SAND and medium-coarse GRAVEL, very slight petroleum odor |
| | 0.1 | 3 | 0.5 | | | |
| | | | | | | Refusal at 11.5 ft bgs |

- Notes:**
- PID Model MiniRAE 3000 with 10.6eV lamp.
 - ft bgs = feet below ground surface



61 Commercial St., Suite 100
 Rochester, NY 14614
 (585) 475-1440

Test Boring No.: SB/MW-3
 Page: 1 of 2

| | | | | | |
|------------|---------------------|-------------------|-------------------|------------------|--------------------------|
| Project: | 2122 Colvin Blvd | Drill Contractor: | TREC | Start Date: | 4/12/2021 |
| Project #: | 192800195 | Driller: | Chris Stockmaster | Completion Date: | 4/12/2021 |
| Client: | Boxes Builders | Elevation: | NM | Drilling Method: | Geoprobe with Dual Tubes |
| Location: | Tonawanda, New York | Weather: | Overcast 50s °F | Supervisor: | K.Nelson |

| 0 | SAMPLE | | | | Depth of Strata Change (ft) | Material Description and Remarks |
|----|-----------|-----|-----------|------------|-----------------------------|---|
| | PID (ppm) | No. | Rec. (ft) | Depth (ft) | | |
| | | 1 | 3.8 | 0-5 | 0-0.3 | TOP SOIL |
| | 0.0 | | | | 0.3-1 | Brown SILT, some fine sand and clay, roots, moist, no odor |
| | | | | | 1-1.6 | Reddish brown CLAY, few fine gravel, moist, no odor |
| | | | | | 1.6-2.5 | Brown fine SAND and SILT, few clay, trace roots, moist, no odor |
| | 0.0 | | | | 2.5-20 | Reddish brown with gray mottles CLAY, little silt, moist, no odor |
| 5 | | 2 | 5 | 5-10 | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| 10 | 0.0 | 3 | 5 | 10-15 | | |
| | | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| 15 | 0.0 | 4 | 5 | 15-20 | | |
| | | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| | 0.0 | | | | | |
| 20 | | | | | | |

- Notes:**
- PID Model MiniRAE 3000 with 10.6eV lamp.
 - ft bgs = feet below ground surface



APPENDIX D
Analytical Report

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-183190-1
Client Project/Site: Soil/Groundwater #192800145

For:
Stantec Consulting Corp.
61 Commercial Street
Rochester, New York 14614

Attn: Mrs. Katherine Nelson



Authorized for release by:
4/19/2021 4:27:43 PM

Joshua Velez, Project Management Assistant I
joshua.velez@eurofinset.com

Designee for

Ryan VanDette, Project Manager II
(716)504-9830
Ryan.VanDette@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| vs | Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications. |

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| S1- | Surrogate recovery exceeds control limits, low biased. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Job ID: 480-183190-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-183190-1

Comments

No additional comments.

Receipt

The samples were received on 4/12/2021 4:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method 8260C: The following sample(s) were collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: MW-1 (480-183190-5), MW-3 (480-183190-7), MW-4 (480-183190-8) and MW-5 (480-183190-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The following samples were diluted due to the nature of the sample matrix: MW-4 (480-183190-8) and MW-5 (480-183190-9). Elevated reporting limits (RLs) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-5 (480-183190-9). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-576234.

Method 3550C: The following sample: SB-1 (25-26) (480-183190-1) were decanted prior to preparation .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
 Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-1 (25-26) **Lab Sample ID: 480-183190-1**

No Detections.

Client Sample ID: SB-2 (10-11.5) **Lab Sample ID: 480-183190-2**

No Detections.

Client Sample ID: SB-3 (20-21) **Lab Sample ID: 480-183190-3**

No Detections.

Client Sample ID: SB-4 (10-11.5) **Lab Sample ID: 480-183190-4**

No Detections.

Client Sample ID: MW-1 **Lab Sample ID: 480-183190-5**

No Detections.

Client Sample ID: MW-2 **Lab Sample ID: 480-183190-6**

No Detections.

Client Sample ID: MW-3 **Lab Sample ID: 480-183190-7**

No Detections.

Client Sample ID: MW-4 **Lab Sample ID: 480-183190-8**

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Toluene | 0.62 | J | 1.0 | 0.51 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-5 **Lab Sample ID: 480-183190-9**

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Ethylbenzene | 0.79 | J | 1.0 | 0.74 | ug/L | 1 | | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-1 (25-26)

Lab Sample ID: 480-183190-1

Date Collected: 04/12/21 14:20

Matrix: Solid

Date Received: 04/12/21 16:35

Percent Solids: 80.0

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | vs | 6.2 | 1.2 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| 1,3,5-Trimethylbenzene | ND | vs | 6.2 | 0.40 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| 4-Isopropyltoluene | ND | vs | 6.2 | 0.50 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Benzene | ND | vs | 6.2 | 0.31 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Ethylbenzene | ND | vs | 6.2 | 0.43 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Isopropylbenzene | ND | vs | 6.2 | 0.94 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Methyl tert-butyl ether | ND | vs | 6.2 | 0.61 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| m-Xylene & p-Xylene | ND | vs | 12 | 1.0 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Naphthalene | ND | vs | 6.2 | 0.84 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| n-Butylbenzene | ND | vs | 6.2 | 0.54 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| N-Propylbenzene | ND | vs | 6.2 | 0.50 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| o-Xylene | ND | vs | 6.2 | 0.82 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| sec-Butylbenzene | ND | vs | 6.2 | 0.54 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Toluene | ND | vs | 6.2 | 0.47 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Xylenes, Total | ND | vs | 12 | 1.0 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| tert-Butylbenzene | ND | vs | 6.2 | 0.65 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 14:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 64 - 126 | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| 4-Bromofluorobenzene (Surr) | 102 | | 72 - 126 | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Toluene-d8 (Surr) | 92 | | 71 - 125 | 04/13/21 10:33 | 04/13/21 14:12 | 1 |
| Dibromofluoromethane (Surr) | 97 | | 60 - 140 | 04/13/21 10:33 | 04/13/21 14:12 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 210 | 31 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Acenaphthylene | ND | | 210 | 27 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Anthracene | ND | | 210 | 52 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Benzo[a]anthracene | ND | | 210 | 21 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Benzo[a]pyrene | ND | | 210 | 31 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Benzo[b]fluoranthene | ND | | 210 | 34 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Benzo[g,h,i]perylene | ND | | 210 | 22 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Benzo[k]fluoranthene | ND | | 210 | 27 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Chrysene | ND | | 210 | 47 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Dibenz(a,h)anthracene | ND | | 210 | 37 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Fluoranthene | ND | | 210 | 22 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Fluorene | ND | | 210 | 25 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 210 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Naphthalene | ND | | 210 | 27 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Pyrene | ND | | 210 | 25 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Phenanthrene | ND | | 210 | 31 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:28 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 101 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| 2-Fluorobiphenyl | 94 | | 60 - 120 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| 2-Fluorophenol (Surr) | 81 | | 52 - 120 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Phenol-d5 (Surr) | 85 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| p-Terphenyl-d14 (Surr) | 108 | | 79 - 130 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |
| Nitrobenzene-d5 (Surr) | 82 | | 53 - 120 | 04/14/21 08:13 | 04/16/21 02:28 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-2 (10-11.5)

Lab Sample ID: 480-183190-2

Date Collected: 04/12/21 10:45

Matrix: Solid

Date Received: 04/12/21 16:35

Percent Solids: 92.7

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | vs | 5.3 | 1.0 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| 1,3,5-Trimethylbenzene | ND | vs | 5.3 | 0.34 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| 4-Isopropyltoluene | ND | vs | 5.3 | 0.42 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Benzene | ND | vs | 5.3 | 0.26 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Ethylbenzene | ND | vs | 5.3 | 0.36 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Isopropylbenzene | ND | vs | 5.3 | 0.79 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Methyl tert-butyl ether | ND | vs | 5.3 | 0.52 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| m-Xylene & p-Xylene | ND | vs | 11 | 0.89 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Naphthalene | ND | vs | 5.3 | 0.71 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| n-Butylbenzene | ND | vs | 5.3 | 0.46 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| N-Propylbenzene | ND | vs | 5.3 | 0.42 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| o-Xylene | ND | vs | 5.3 | 0.69 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| sec-Butylbenzene | ND | vs | 5.3 | 0.46 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Toluene | ND | vs | 5.3 | 0.40 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Xylenes, Total | ND | vs | 11 | 0.89 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| tert-Butylbenzene | ND | vs | 5.3 | 0.55 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 17:27 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 64 - 126 | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 126 | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Toluene-d8 (Surr) | 95 | | 71 - 125 | 04/13/21 10:33 | 04/13/21 17:27 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 60 - 140 | 04/13/21 10:33 | 04/13/21 17:27 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 180 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Acenaphthylene | ND | | 180 | 23 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Anthracene | ND | | 180 | 44 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Benzo[a]anthracene | ND | | 180 | 18 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Benzo[a]pyrene | ND | | 180 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Benzo[b]fluoranthene | ND | | 180 | 28 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Benzo[g,h,i]perylene | ND | | 180 | 19 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Benzo[k]fluoranthene | ND | | 180 | 23 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Chrysene | ND | | 180 | 40 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Dibenz(a,h)anthracene | ND | | 180 | 32 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Fluoranthene | ND | | 180 | 19 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Fluorene | ND | | 180 | 21 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 180 | 22 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Naphthalene | ND | | 180 | 23 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Pyrene | ND | | 180 | 21 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Phenanthrene | ND | | 180 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 02:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 97 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| 2-Fluorobiphenyl | 95 | | 60 - 120 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| 2-Fluorophenol (Surr) | 79 | | 52 - 120 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Phenol-d5 (Surr) | 82 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| p-Terphenyl-d14 (Surr) | 105 | | 79 - 130 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |
| Nitrobenzene-d5 (Surr) | 79 | | 53 - 120 | 04/14/21 08:13 | 04/16/21 02:53 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-3 (20-21)

Lab Sample ID: 480-183190-3

Date Collected: 04/12/21 12:10

Matrix: Solid

Date Received: 04/12/21 16:35

Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | vs | 5.8 | 1.1 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | vs | 5.8 | 0.37 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| 4-Isopropyltoluene | ND | vs | 5.8 | 0.47 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Benzene | ND | vs | 5.8 | 0.28 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Ethylbenzene | ND | vs | 5.8 | 0.40 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Isopropylbenzene | ND | vs | 5.8 | 0.87 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Methyl tert-butyl ether | ND | vs | 5.8 | 0.57 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| m-Xylene & p-Xylene | ND | vs | 12 | 0.97 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Naphthalene | ND | vs | 5.8 | 0.78 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| n-Butylbenzene | ND | vs | 5.8 | 0.50 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| N-Propylbenzene | ND | vs | 5.8 | 0.46 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| o-Xylene | ND | vs | 5.8 | 0.76 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| sec-Butylbenzene | ND | vs | 5.8 | 0.50 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Toluene | ND | vs | 5.8 | 0.44 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Xylenes, Total | ND | vs | 12 | 0.97 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| tert-Butylbenzene | ND | vs | 5.8 | 0.60 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 64 - 126 | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| 4-Bromofluorobenzene (Surr) | 104 | | 72 - 126 | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Toluene-d8 (Surr) | 94 | | 71 - 125 | 04/13/21 10:33 | 04/13/21 15:25 | 1 |
| Dibromofluoromethane (Surr) | 96 | | 60 - 140 | 04/13/21 10:33 | 04/13/21 15:25 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Acenaphthylene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Anthracene | ND | | 200 | 50 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Benzo[a]anthracene | ND | | 200 | 20 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Benzo[a]pyrene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Benzo[b]fluoranthene | ND | | 200 | 32 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Benzo[g,h,i]perylene | ND | | 200 | 21 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Benzo[k]fluoranthene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Chrysene | ND | | 200 | 45 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Dibenz(a,h)anthracene | ND | | 200 | 36 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Fluoranthene | ND | | 200 | 21 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Fluorene | ND | | 200 | 24 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 200 | 25 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Naphthalene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Pyrene | ND | | 200 | 24 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Phenanthrene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:13 | 04/16/21 03:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 99 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| 2-Fluorobiphenyl | 91 | | 60 - 120 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| 2-Fluorophenol (Surr) | 81 | | 52 - 120 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Phenol-d5 (Surr) | 82 | | 54 - 120 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| p-Terphenyl-d14 (Surr) | 104 | | 79 - 130 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |
| Nitrobenzene-d5 (Surr) | 75 | | 53 - 120 | 04/14/21 08:13 | 04/16/21 03:18 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-4 (10-11.5)

Lab Sample ID: 480-183190-4

Date Collected: 04/12/21 13:30

Matrix: Solid

Date Received: 04/12/21 16:35

Percent Solids: 81.9

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| 1,2,4-Trimethylbenzene | ND | vs | 6.0 | 1.2 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| 1,3,5-Trimethylbenzene | ND | vs | 6.0 | 0.39 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| 4-Isopropyltoluene | ND | vs | 6.0 | 0.48 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Benzene | ND | vs | 6.0 | 0.30 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Ethylbenzene | ND | vs | 6.0 | 0.42 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Isopropylbenzene | ND | vs | 6.0 | 0.91 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Methyl tert-butyl ether | ND | vs | 6.0 | 0.59 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| m-Xylene & p-Xylene | ND | vs | 12 | 1.0 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Naphthalene | ND | vs | 6.0 | 0.81 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| n-Butylbenzene | ND | vs | 6.0 | 0.53 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| N-Propylbenzene | ND | vs | 6.0 | 0.48 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| o-Xylene | ND | vs | 6.0 | 0.79 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| sec-Butylbenzene | ND | vs | 6.0 | 0.53 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Toluene | ND | vs | 6.0 | 0.46 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Xylenes, Total | ND | vs F1 | 12 | 1.0 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| tert-Butylbenzene | ND | vs | 6.0 | 0.63 | ug/Kg | ✱ | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 108 | | 64 - 126 | | | | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| 4-Bromofluorobenzene (Surr) | 106 | | 72 - 126 | | | | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Toluene-d8 (Surr) | 93 | | 71 - 125 | | | | 04/13/21 10:33 | 04/13/21 15:50 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 60 - 140 | | | | 04/13/21 10:33 | 04/13/21 15:50 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Acenaphthene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Acenaphthylene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Anthracene | ND | | 200 | 50 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Benzo[a]anthracene | ND | | 200 | 20 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Benzo[a]pyrene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Benzo[b]fluoranthene | ND | | 200 | 32 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Benzo[g,h,i]perylene | ND | | 200 | 22 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Benzo[k]fluoranthene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Chrysene | ND | | 200 | 46 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Dibenz(a,h)anthracene | ND | | 200 | 36 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Fluoranthene | ND | | 200 | 22 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Fluorene | ND | | 200 | 24 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 200 | 25 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Naphthalene | ND | | 200 | 26 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Pyrene | ND | | 200 | 24 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Phenanthrene | ND | | 200 | 30 | ug/Kg | ✱ | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 97 | | 54 - 120 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| 2-Fluorobiphenyl | 95 | | 60 - 120 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| 2-Fluorophenol (Surr) | 80 | | 52 - 120 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Phenol-d5 (Surr) | 82 | | 54 - 120 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| p-Terphenyl-d14 (Surr) | 105 | | 79 - 130 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |
| Nitrobenzene-d5 (Surr) | 79 | | 53 - 120 | | | | 04/14/21 08:16 | 04/16/21 03:43 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-1

Lab Sample ID: 480-183190-5

Date Collected: 04/12/21 15:00

Matrix: Water

Date Received: 04/12/21 16:35

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 00:26 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/15/21 00:26 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/15/21 00:26 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/15/21 00:26 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/15/21 00:26 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/15/21 00:26 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/15/21 00:26 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 00:26 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/15/21 00:26 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/15/21 00:26 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/15/21 00:26 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/15/21 00:26 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 00:26 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 04/15/21 00:26 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 00:26 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/15/21 00:26 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 77 - 120 | | 04/15/21 00:26 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 73 - 120 | | 04/15/21 00:26 | 1 |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | 04/15/21 00:26 | 1 |
| Dibromofluoromethane (Surr) | 108 | | 75 - 123 | | 04/15/21 00:26 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 6.3 | 0.51 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Acenaphthylene | ND | | 6.3 | 0.48 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Anthracene | ND | | 6.3 | 0.35 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Benzo[a]anthracene | ND | | 6.3 | 0.45 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Benzo[a]pyrene | ND | | 6.3 | 0.59 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Benzo[b]fluoranthene | ND | | 6.3 | 0.43 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Benzo[g,h,i]perylene | ND | | 6.3 | 0.44 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Benzo[k]fluoranthene | ND | | 6.3 | 0.91 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Chrysene | ND | | 6.3 | 0.41 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Dibenz(a,h)anthracene | ND | | 6.3 | 0.53 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Fluoranthene | ND | | 6.3 | 0.50 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Fluorene | ND | | 6.3 | 0.45 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 6.3 | 0.59 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Naphthalene | ND | | 6.3 | 0.95 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Pyrene | ND | | 6.3 | 0.43 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Phenanthrene | ND | | 6.3 | 0.55 | ug/L | | 04/14/21 07:12 | 04/16/21 20:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 98 | | 41 - 120 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| 2-Fluorobiphenyl | 109 | | 48 - 120 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| 2-Fluorophenol (Surr) | 96 | | 35 - 120 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Phenol-d5 (Surr) | 78 | | 22 - 120 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| p-Terphenyl-d14 (Surr) | 101 | | 60 - 148 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |
| Nitrobenzene-d5 (Surr) | 105 | | 46 - 120 | 04/14/21 07:12 | 04/16/21 20:18 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-2

Lab Sample ID: 480-183190-6

Date Collected: 04/12/21 11:15

Matrix: Water

Date Received: 04/12/21 16:35

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 00:50 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/15/21 00:50 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/15/21 00:50 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/15/21 00:50 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/15/21 00:50 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/15/21 00:50 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/15/21 00:50 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 00:50 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/15/21 00:50 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/15/21 00:50 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/15/21 00:50 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/15/21 00:50 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 00:50 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 04/15/21 00:50 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 00:50 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/15/21 00:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 77 - 120 | | 04/15/21 00:50 | 1 |
| 4-Bromofluorobenzene (Surr) | 109 | | 73 - 120 | | 04/15/21 00:50 | 1 |
| Toluene-d8 (Surr) | 106 | | 80 - 120 | | 04/15/21 00:50 | 1 |
| Dibromofluoromethane (Surr) | 109 | | 75 - 123 | | 04/15/21 00:50 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 5.0 | 0.41 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Fluoranthene | ND | | 5.0 | 0.40 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Fluorene | ND | | 5.0 | 0.36 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Pyrene | ND | | 5.0 | 0.34 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Phenanthrene | ND | | 5.0 | 0.44 | ug/L | | 04/14/21 07:12 | 04/16/21 20:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 103 | | 41 - 120 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| 2-Fluorobiphenyl | 103 | | 48 - 120 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| 2-Fluorophenol (Surr) | 79 | | 35 - 120 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Phenol-d5 (Surr) | 60 | | 22 - 120 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| p-Terphenyl-d14 (Surr) | 79 | | 60 - 148 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |
| Nitrobenzene-d5 (Surr) | 95 | | 46 - 120 | 04/14/21 07:12 | 04/16/21 20:44 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-3

Lab Sample ID: 480-183190-7

Date Collected: 04/12/21 14:30

Matrix: Water

Date Received: 04/12/21 16:35

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 01:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/15/21 01:14 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/15/21 01:14 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/15/21 01:14 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/15/21 01:14 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/15/21 01:14 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/15/21 01:14 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 01:14 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/15/21 01:14 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/15/21 01:14 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/15/21 01:14 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/15/21 01:14 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 01:14 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 04/15/21 01:14 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 01:14 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/15/21 01:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | 04/15/21 01:14 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | 04/15/21 01:14 | 1 |
| Toluene-d8 (Surr) | 100 | | 80 - 120 | | 04/15/21 01:14 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 75 - 123 | | 04/15/21 01:14 | 1 |

Client Sample ID: MW-4

Lab Sample ID: 480-183190-8

Date Collected: 04/12/21 15:10

Matrix: Water

Date Received: 04/12/21 16:35

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 01:38 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/15/21 01:38 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/15/21 01:38 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/15/21 01:38 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/15/21 01:38 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/15/21 01:38 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/15/21 01:38 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 01:38 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/15/21 01:38 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/15/21 01:38 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/15/21 01:38 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/15/21 01:38 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 01:38 | 1 |
| Toluene | 0.62 | J | 1.0 | 0.51 | ug/L | | | 04/15/21 01:38 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 01:38 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/15/21 01:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107 | | 77 - 120 | | 04/15/21 01:38 | 1 |
| 4-Bromofluorobenzene (Surr) | 108 | | 73 - 120 | | 04/15/21 01:38 | 1 |
| Toluene-d8 (Surr) | 108 | | 80 - 120 | | 04/15/21 01:38 | 1 |

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-4
Date Collected: 04/12/21 15:10
Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 109 | | 75 - 123 | | 04/15/21 01:38 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 30 | 2.4 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Acenaphthylene | ND | | 30 | 2.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Anthracene | ND | | 30 | 1.7 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Benzo[a]anthracene | ND | | 30 | 2.1 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Benzo[a]pyrene | ND | | 30 | 2.8 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Benzo[b]fluoranthene | ND | | 30 | 2.0 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Benzo[g,h,i]perylene | ND | | 30 | 2.1 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Benzo[k]fluoranthene | ND | | 30 | 4.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Chrysene | ND | | 30 | 2.0 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Dibenz(a,h)anthracene | ND | | 30 | 2.5 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Fluoranthene | ND | | 30 | 2.4 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Fluorene | ND | | 30 | 2.1 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Indeno[1,2,3-cd]pyrene | ND | | 30 | 2.8 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Naphthalene | ND | | 30 | 4.5 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Pyrene | ND | | 30 | 2.0 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Phenanthrene | ND | | 30 | 2.6 | ug/L | | 04/14/21 07:12 | 04/16/21 21:10 | 5 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 67 | | 41 - 120 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| 2-Fluorobiphenyl | 110 | | 48 - 120 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| 2-Fluorophenol (Surr) | 74 | | 35 - 120 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Phenol-d5 (Surr) | 62 | | 22 - 120 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| p-Terphenyl-d14 (Surr) | 60 | | 60 - 148 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |
| Nitrobenzene-d5 (Surr) | 103 | | 46 - 120 | 04/14/21 07:12 | 04/16/21 21:10 | 5 |

Client Sample ID: MW-5
Date Collected: 04/12/21 15:20
Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 02:01 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/15/21 02:01 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/15/21 02:01 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/15/21 02:01 | 1 |
| Ethylbenzene | 0.79 | J | 1.0 | 0.74 | ug/L | | | 04/15/21 02:01 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/15/21 02:01 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/15/21 02:01 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 02:01 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/15/21 02:01 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/15/21 02:01 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/15/21 02:01 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/15/21 02:01 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/15/21 02:01 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 04/15/21 02:01 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/15/21 02:01 | 1 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-5

Lab Sample ID: 480-183190-9

Date Collected: 04/12/21 15:20

Matrix: Water

Date Received: 04/12/21 16:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/15/21 02:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 77 - 120 | | 04/15/21 02:01 | 1 |
| 4-Bromofluorobenzene (Surr) | 106 | | 73 - 120 | | 04/15/21 02:01 | 1 |
| Toluene-d8 (Surr) | 104 | | 80 - 120 | | 04/15/21 02:01 | 1 |
| Dibromofluoromethane (Surr) | 108 | | 75 - 123 | | 04/15/21 02:01 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 57 | 4.7 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Acenaphthylene | ND | | 57 | 4.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Anthracene | ND | | 57 | 3.2 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Benzo[a]anthracene | ND | | 57 | 4.1 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Benzo[a]pyrene | ND | | 57 | 5.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Benzo[b]fluoranthene | ND | | 57 | 3.9 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Benzo[g,h,i]perylene | ND | | 57 | 4.0 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Benzo[k]fluoranthene | ND | | 57 | 8.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Chrysene | ND | | 57 | 3.8 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Dibenz(a,h)anthracene | ND | | 57 | 4.8 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Fluoranthene | ND | | 57 | 4.5 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Fluorene | ND | | 57 | 4.1 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Indeno[1,2,3-cd]pyrene | ND | | 57 | 5.3 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Naphthalene | ND | | 57 | 8.6 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Pyrene | ND | | 57 | 3.9 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Phenanthrene | ND | | 57 | 5.0 | ug/L | | 04/14/21 07:12 | 04/16/21 21:36 | 10 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 94 | | 41 - 120 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| 2-Fluorobiphenyl | 104 | | 48 - 120 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| 2-Fluorophenol (Surr) | 84 | | 35 - 120 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Phenol-d5 (Surr) | 60 | | 22 - 120 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| p-Terphenyl-d14 (Surr) | 59 | S1- | 60 - 148 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |
| Nitrobenzene-d5 (Surr) | 95 | | 46 - 120 | 04/14/21 07:12 | 04/16/21 21:36 | 10 |

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|--------------------|--------------------|--|-----------------|-----------------|------------------|
| | | DCA (64-126) | BFB (72-126) | TOL (71-125) | DBFM (60-140) |
| 480-183190-1 | SB-1 (25-26) | 101 | 102 | 92 | 97 |
| 480-183190-2 | SB-2 (10-11.5) | 109 | 109 | 95 | 102 |
| 480-183190-3 | SB-3 (20-21) | 104 | 104 | 94 | 96 |
| 480-183190-4 | SB-4 (10-11.5) | 108 | 106 | 93 | 99 |
| 480-183190-4 MS | SB-4 (10-11.5) | 99 | 105 | 93 | 98 |
| 480-183190-4 MSD | SB-4 (10-11.5) | 92 | 104 | 94 | 94 |
| LCS 480-576139/1-A | Lab Control Sample | 106 | 108 | 91 | 97 |
| MB 480-576139/2-A | Method Blank | 108 | 104 | 90 | 103 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|------------------|--------------------|--|-----------------|-----------------|------------------|
| | | DCA (77-120) | BFB (73-120) | TOL (80-120) | DBFM (75-123) |
| 480-183190-5 | MW-1 | 103 | 99 | 101 | 108 |
| 480-183190-6 | MW-2 | 106 | 109 | 106 | 109 |
| 480-183190-7 | MW-3 | 101 | 100 | 100 | 103 |
| 480-183190-8 | MW-4 | 107 | 108 | 108 | 109 |
| 480-183190-9 | MW-5 | 103 | 106 | 104 | 108 |
| LCS 480-576373/5 | Lab Control Sample | 99 | 100 | 99 | 108 |
| MB 480-576373/7 | Method Blank | 101 | 100 | 99 | 106 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|--------------------|--------------------|--|-----------------|-----------------|-----------------|--------------------|-----------------|
| | | TBP (54-120) | FBP (60-120) | 2FP (52-120) | PHL (54-120) | TPHd14 (79-130) | NBZ (53-120) |
| 480-183190-1 | SB-1 (25-26) | 101 | 94 | 81 | 85 | 108 | 82 |
| 480-183190-2 | SB-2 (10-11.5) | 97 | 95 | 79 | 82 | 105 | 79 |
| 480-183190-3 | SB-3 (20-21) | 99 | 91 | 81 | 82 | 104 | 75 |
| 480-183190-4 | SB-4 (10-11.5) | 97 | 95 | 80 | 82 | 105 | 79 |
| LCS 480-576257/2-A | Lab Control Sample | 97 | 101 | 84 | 83 | 106 | 97 |
| MB 480-576257/1-A | Method Blank | 103 | 96 | 84 | 90 | 114 | 81 |

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

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Surrogate Summary

Client: Stantec Consulting Corp.
 Project/Site: Soil/Groundwater #192800145
 PHL = Phenol-d5 (Surr)
 TPHd14 = p-Terphenyl-d14 (Surr)
 NBZ = Nitrobenzene-d5 (Surr)

Job ID: 480-183190-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---------------------|------------------------|--|-----------------|-----------------|-----------------|--------------------|-----------------|
| | | TBP (41-120) | FBP (48-120) | 2FP (35-120) | PHL (22-120) | TPHd14 (60-148) | NBZ (46-120) |
| 480-183190-5 | MW-1 | 98 | 109 | 96 | 78 | 101 | 105 |
| 480-183190-6 | MW-2 | 103 | 103 | 79 | 60 | 79 | 95 |
| 480-183190-8 | MW-4 | 67 | 110 | 74 | 62 | 60 | 103 |
| 480-183190-9 | MW-5 | 94 | 104 | 84 | 60 | 59 S1- | 95 |
| LCS 480-576234/2-A | Lab Control Sample | 106 | 97 | 78 | 62 | 104 | 96 |
| LCSD 480-576234/3-A | Lab Control Sample Dup | 108 | 97 | 80 | 63 | 103 | 98 |
| MB 480-576234/1-A | Method Blank | 77 | 99 | 72 | 55 | 105 | 92 |

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
 FBP = 2-Fluorobiphenyl
 2FP = 2-Fluorophenol (Surr)
 PHL = Phenol-d5 (Surr)
 TPHd14 = p-Terphenyl-d14 (Surr)
 NBZ = Nitrobenzene-d5 (Surr)

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-576139/2-A
Matrix: Solid
Analysis Batch: 576083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576139

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 5.0 | 0.96 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 5.0 | 0.32 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| 4-Isopropyltoluene | ND | | 5.0 | 0.40 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| m-Xylene & p-Xylene | ND | | 10 | 0.84 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Naphthalene | ND | | 5.0 | 0.67 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| n-Butylbenzene | ND | | 5.0 | 0.44 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| N-Propylbenzene | ND | | 5.0 | 0.40 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| o-Xylene | ND | | 5.0 | 0.65 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| sec-Butylbenzene | ND | | 5.0 | 0.44 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| tert-Butylbenzene | ND | | 5.0 | 0.52 | ug/Kg | | 04/13/21 10:33 | 04/13/21 11:29 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 108 | | 64 - 126 | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| 4-Bromofluorobenzene (Surr) | 104 | | 72 - 126 | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Toluene-d8 (Surr) | 90 | | 71 - 125 | 04/13/21 10:33 | 04/13/21 11:29 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 60 - 140 | 04/13/21 10:33 | 04/13/21 11:29 | 1 |

Lab Sample ID: LCS 480-576139/1-A
Matrix: Solid
Analysis Batch: 576083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576139

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | Limits |
|-------------------------|-------------|--------|-----------|-------|---|------|----------|
| | | Result | Qualifier | | | | |
| 1,2,4-Trimethylbenzene | 50.0 | 44.6 | | ug/Kg | | 89 | 74 - 120 |
| 1,3,5-Trimethylbenzene | 50.0 | 44.6 | | ug/Kg | | 89 | 74 - 120 |
| 4-Isopropyltoluene | 50.0 | 44.4 | | ug/Kg | | 89 | 74 - 120 |
| Benzene | 50.0 | 47.8 | | ug/Kg | | 96 | 79 - 127 |
| Ethylbenzene | 50.0 | 44.8 | | ug/Kg | | 90 | 80 - 120 |
| Isopropylbenzene | 50.0 | 43.8 | | ug/Kg | | 88 | 72 - 120 |
| Methyl tert-butyl ether | 50.0 | 49.9 | | ug/Kg | | 100 | 63 - 125 |
| m-Xylene & p-Xylene | 50.0 | 42.6 | | ug/Kg | | 85 | 70 - 130 |
| Naphthalene | 50.0 | 44.0 | | ug/Kg | | 88 | 38 - 137 |
| n-Butylbenzene | 50.0 | 46.9 | | ug/Kg | | 94 | 70 - 120 |
| N-Propylbenzene | 50.0 | 46.0 | | ug/Kg | | 92 | 70 - 130 |
| o-Xylene | 50.0 | 41.8 | | ug/Kg | | 84 | 70 - 130 |
| sec-Butylbenzene | 50.0 | 44.0 | | ug/Kg | | 88 | 74 - 120 |
| Toluene | 50.0 | 43.9 | | ug/Kg | | 88 | 74 - 128 |
| tert-Butylbenzene | 50.0 | 44.7 | | ug/Kg | | 89 | 73 - 120 |

| Surrogate | LCS | LCS | Limits |
|------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 64 - 126 |
| 4-Bromofluorobenzene (Surr) | 108 | | 72 - 126 |
| Toluene-d8 (Surr) | 91 | | 71 - 125 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-576139/1-A
Matrix: Solid
Analysis Batch: 576083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576139

| <u>Surrogate</u> | <u>LCS LCS</u> | | <u>Limits</u> |
|------------------------------------|------------------|------------------|---------------|
| | <u>%Recovery</u> | <u>Qualifier</u> | |
| <i>Dibromofluoromethane (Surr)</i> | 97 | | 60 - 140 |

Lab Sample ID: 480-183190-4 MS
Matrix: Solid
Analysis Batch: 576083

Client Sample ID: SB-4 (10-11.5)
Prep Type: Total/NA
Prep Batch: 576139

| <u>Analyte</u> | <u>Sample Sample</u> | | <u>Spike Added</u> | <u>MS MS</u> | | <u>Unit</u> | <u>D</u> | <u>%Rec</u> | <u>Limits</u> |
|-------------------------|----------------------|------------------|--------------------|---------------|------------------|-------------|----------|-------------|---------------|
| | <u>Result</u> | <u>Qualifier</u> | | <u>Result</u> | <u>Qualifier</u> | | | | |
| 1,2,4-Trimethylbenzene | ND | vs | 60.1 | 51.9 | vs | ug/Kg | ☼ | 86 | 74 - 120 |
| 1,3,5-Trimethylbenzene | ND | vs | 60.1 | 52.5 | vs | ug/Kg | ☼ | 87 | 74 - 120 |
| 4-Isopropyltoluene | ND | vs | 60.1 | 50.2 | vs | ug/Kg | ☼ | 83 | 74 - 120 |
| Benzene | ND | vs | 60.1 | 56.2 | vs | ug/Kg | ☼ | 93 | 79 - 127 |
| Ethylbenzene | ND | vs | 60.1 | 51.1 | vs | ug/Kg | ☼ | 85 | 80 - 120 |
| Isopropylbenzene | ND | vs | 60.1 | 52.6 | vs | ug/Kg | ☼ | 87 | 72 - 120 |
| Methyl tert-butyl ether | ND | vs | 60.1 | 56.4 | vs | ug/Kg | ☼ | 94 | 63 - 125 |
| m-Xylene & p-Xylene | ND | vs | 60.1 | 48.5 | vs | ug/Kg | ☼ | 81 | 70 - 130 |
| Naphthalene | ND | vs | 60.1 | 41.6 | vs | ug/Kg | ☼ | 69 | 38 - 137 |
| n-Butylbenzene | ND | vs | 60.1 | 47.9 | vs | ug/Kg | ☼ | 80 | 70 - 120 |
| N-Propylbenzene | ND | vs | 60.1 | 51.8 | vs | ug/Kg | ☼ | 86 | 70 - 130 |
| o-Xylene | ND | vs | 60.1 | 49.0 | vs | ug/Kg | ☼ | 82 | 70 - 130 |
| sec-Butylbenzene | ND | vs | 60.1 | 49.0 | vs | ug/Kg | ☼ | 82 | 74 - 120 |
| Toluene | ND | vs | 60.1 | 50.9 | vs | ug/Kg | ☼ | 85 | 74 - 128 |
| tert-Butylbenzene | ND | vs | 60.1 | 52.4 | vs | ug/Kg | ☼ | 87 | 73 - 120 |

| <u>Surrogate</u> | <u>MS MS</u> | | <u>Limits</u> |
|-------------------------------------|------------------|------------------|---------------|
| | <u>%Recovery</u> | <u>Qualifier</u> | |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 99 | | 64 - 126 |
| <i>4-Bromofluorobenzene (Surr)</i> | 105 | | 72 - 126 |
| <i>Toluene-d8 (Surr)</i> | 93 | | 71 - 125 |
| <i>Dibromofluoromethane (Surr)</i> | 98 | | 60 - 140 |

Lab Sample ID: 480-183190-4 MSD
Matrix: Solid
Analysis Batch: 576083

Client Sample ID: SB-4 (10-11.5)
Prep Type: Total/NA
Prep Batch: 576139

| <u>Analyte</u> | <u>Sample Sample</u> | | <u>Spike Added</u> | <u>MSD MSD</u> | | <u>Unit</u> | <u>D</u> | <u>%Rec</u> | <u>Limits</u> | <u>RPD</u> | <u>Limit</u> |
|-------------------------|----------------------|------------------|--------------------|----------------|------------------|-------------|----------|-------------|---------------|------------|--------------|
| | <u>Result</u> | <u>Qualifier</u> | | <u>Result</u> | <u>Qualifier</u> | | | | | | |
| 1,2,4-Trimethylbenzene | ND | vs | 60.0 | 50.4 | vs | ug/Kg | ☼ | 84 | 74 - 120 | 3 | 30 |
| 1,3,5-Trimethylbenzene | ND | vs | 60.0 | 51.0 | vs | ug/Kg | ☼ | 85 | 74 - 120 | 3 | 30 |
| 4-Isopropyltoluene | ND | vs | 60.0 | 48.3 | vs | ug/Kg | ☼ | 81 | 74 - 120 | 4 | 30 |
| Benzene | ND | vs | 60.0 | 55.1 | vs | ug/Kg | ☼ | 92 | 79 - 127 | 2 | 30 |
| Ethylbenzene | ND | vs | 60.0 | 50.3 | vs | ug/Kg | ☼ | 84 | 80 - 120 | 2 | 30 |
| Isopropylbenzene | ND | vs | 60.0 | 51.1 | vs | ug/Kg | ☼ | 85 | 72 - 120 | 3 | 30 |
| Methyl tert-butyl ether | ND | vs | 60.0 | 51.0 | vs | ug/Kg | ☼ | 85 | 63 - 125 | 10 | 30 |
| m-Xylene & p-Xylene | ND | vs | 60.0 | 47.8 | vs | ug/Kg | ☼ | 80 | 70 - 130 | 1 | 30 |
| Naphthalene | ND | vs | 60.0 | 37.3 | vs | ug/Kg | ☼ | 62 | 38 - 137 | 11 | 30 |
| n-Butylbenzene | ND | vs | 60.0 | 46.7 | vs | ug/Kg | ☼ | 78 | 70 - 120 | 3 | 30 |
| N-Propylbenzene | ND | vs | 60.0 | 50.7 | vs | ug/Kg | ☼ | 85 | 70 - 130 | 2 | 30 |
| o-Xylene | ND | vs | 60.0 | 47.5 | vs | ug/Kg | ☼ | 79 | 70 - 130 | 3 | 30 |
| sec-Butylbenzene | ND | vs | 60.0 | 48.4 | vs | ug/Kg | ☼ | 81 | 74 - 120 | 1 | 30 |
| Toluene | ND | vs | 60.0 | 50.5 | vs | ug/Kg | ☼ | 84 | 74 - 128 | 1 | 30 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-183190-4 MSD

Matrix: Solid

Analysis Batch: 576083

Client Sample ID: SB-4 (10-11.5)

Prep Type: Total/NA

Prep Batch: 576139

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------------------------|----------------------|----------------------|---------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| tert-Butylbenzene | ND | vs | 60.0 | 51.0 | vs | ug/Kg | * | 85 | 73 - 120 | 3 | 30 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 92 | | 64 - 126 | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 104 | | 72 - 126 | | | | | | | | |
| Toluene-d8 (Surr) | 94 | | 71 - 125 | | | | | | | | |
| Dibromofluoromethane (Surr) | 94 | | 60 - 140 | | | | | | | | |

Lab Sample ID: MB 480-576373/7

Matrix: Water

Analysis Batch: 576373

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|---------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| 1,2,4-Trimethylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/14/21 23:52 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | 0.77 | ug/L | | | 04/14/21 23:52 | 1 |
| 4-Isopropyltoluene | ND | | 1.0 | 0.31 | ug/L | | | 04/14/21 23:52 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/14/21 23:52 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/14/21 23:52 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/14/21 23:52 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 04/14/21 23:52 | 1 |
| m-Xylene & p-Xylene | ND | | 2.0 | 0.66 | ug/L | | | 04/14/21 23:52 | 1 |
| Naphthalene | ND | | 1.0 | 0.43 | ug/L | | | 04/14/21 23:52 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.64 | ug/L | | | 04/14/21 23:52 | 1 |
| N-Propylbenzene | ND | | 1.0 | 0.69 | ug/L | | | 04/14/21 23:52 | 1 |
| o-Xylene | ND | | 1.0 | 0.76 | ug/L | | | 04/14/21 23:52 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/14/21 23:52 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 04/14/21 23:52 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/14/21 23:52 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.81 | ug/L | | | 04/14/21 23:52 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | | | | 04/14/21 23:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | | | 04/14/21 23:52 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | | | 04/14/21 23:52 | 1 |
| Dibromofluoromethane (Surr) | 106 | | 75 - 123 | | | | | 04/14/21 23:52 | 1 |

Lab Sample ID: LCS 480-576373/5

Matrix: Water

Analysis Batch: 576373

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-------------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,2,4-Trimethylbenzene | 25.0 | 26.7 | | ug/L | | 107 | 76 - 121 |
| 1,3,5-Trimethylbenzene | 25.0 | 27.0 | | ug/L | | 108 | 77 - 121 |
| 4-Isopropyltoluene | 25.0 | 27.4 | | ug/L | | 109 | 73 - 120 |
| Benzene | 25.0 | 26.4 | | ug/L | | 106 | 71 - 124 |
| Ethylbenzene | 25.0 | 26.6 | | ug/L | | 106 | 77 - 123 |
| Isopropylbenzene | 25.0 | 29.4 | | ug/L | | 118 | 77 - 122 |
| Methyl tert-butyl ether | 25.0 | 25.4 | | ug/L | | 102 | 77 - 120 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-576373/5
Matrix: Water
Analysis Batch: 576373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|------|---|------|--------------|
| m-Xylene & p-Xylene | 25.0 | 26.4 | | ug/L | | 105 | 76 - 122 |
| Naphthalene | 25.0 | 25.7 | | ug/L | | 103 | 66 - 125 |
| n-Butylbenzene | 25.0 | 26.8 | | ug/L | | 107 | 71 - 128 |
| N-Propylbenzene | 25.0 | 27.2 | | ug/L | | 109 | 75 - 127 |
| o-Xylene | 25.0 | 26.4 | | ug/L | | 106 | 76 - 122 |
| sec-Butylbenzene | 25.0 | 28.3 | | ug/L | | 113 | 74 - 127 |
| Toluene | 25.0 | 25.8 | | ug/L | | 103 | 80 - 122 |
| tert-Butylbenzene | 25.0 | 27.8 | | ug/L | | 111 | 75 - 123 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 77 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 |
| Dibromofluoromethane (Surr) | 108 | | 75 - 123 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-576234/1-A
Matrix: Water
Analysis Batch: 576642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576234

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| Acenaphthene | ND | | 5.0 | 0.41 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Fluoranthene | ND | | 5.0 | 0.40 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Fluorene | ND | | 5.0 | 0.36 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Pyrene | ND | | 5.0 | 0.34 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Phenanthrene | ND | | 5.0 | 0.44 | ug/L | | 04/14/21 07:12 | 04/16/21 14:06 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77 | | 41 - 120 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| 2-Fluorobiphenyl | 99 | | 48 - 120 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| 2-Fluorophenol (Surr) | 72 | | 35 - 120 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Phenol-d5 (Surr) | 55 | | 22 - 120 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| p-Terphenyl-d14 (Surr) | 105 | | 60 - 148 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |
| Nitrobenzene-d5 (Surr) | 92 | | 46 - 120 | 04/14/21 07:12 | 04/16/21 14:06 | 1 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-576234/2-A
Matrix: Water
Analysis Batch: 576642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576234
%Rec.

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|------------------------|-------------|------------|---------------|------|---|------|----------|
| Acenaphthene | 32.0 | 30.2 | | ug/L | | 94 | 60 - 120 |
| Acenaphthylene | 32.0 | 32.5 | | ug/L | | 101 | 63 - 120 |
| Anthracene | 32.0 | 32.3 | | ug/L | | 101 | 67 - 120 |
| Benzo[a]anthracene | 32.0 | 33.0 | | ug/L | | 103 | 70 - 121 |
| Benzo[a]pyrene | 32.0 | 36.7 | | ug/L | | 115 | 60 - 123 |
| Benzo[b]fluoranthene | 32.0 | 32.8 | | ug/L | | 103 | 66 - 126 |
| Benzo[g,h,i]perylene | 32.0 | 37.6 | | ug/L | | 118 | 66 - 150 |
| Benzo[k]fluoranthene | 32.0 | 33.3 | | ug/L | | 104 | 65 - 124 |
| Chrysene | 32.0 | 33.2 | | ug/L | | 104 | 69 - 120 |
| Dibenz(a,h)anthracene | 32.0 | 35.9 | | ug/L | | 112 | 65 - 135 |
| Fluoranthene | 32.0 | 34.2 | | ug/L | | 107 | 69 - 126 |
| Fluorene | 32.0 | 31.4 | | ug/L | | 98 | 66 - 120 |
| Indeno[1,2,3-cd]pyrene | 32.0 | 36.0 | | ug/L | | 112 | 69 - 146 |
| Naphthalene | 32.0 | 28.7 | | ug/L | | 90 | 57 - 120 |
| Pyrene | 32.0 | 33.1 | | ug/L | | 104 | 70 - 125 |
| Phenanthrene | 32.0 | 32.1 | | ug/L | | 100 | 68 - 120 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 106 | | 41 - 120 |
| 2-Fluorobiphenyl | 97 | | 48 - 120 |
| 2-Fluorophenol (Surr) | 78 | | 35 - 120 |
| Phenol-d5 (Surr) | 62 | | 22 - 120 |
| p-Terphenyl-d14 (Surr) | 104 | | 60 - 148 |
| Nitrobenzene-d5 (Surr) | 96 | | 46 - 120 |

Lab Sample ID: LCSD 480-576234/3-A
Matrix: Water
Analysis Batch: 576642

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 576234
%Rec.

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|------------------------|-------------|-------------|----------------|------|---|------|----------|-----|-------|
| Acenaphthene | 32.0 | 30.2 | | ug/L | | 94 | 60 - 120 | 0 | 24 |
| Acenaphthylene | 32.0 | 32.8 | | ug/L | | 103 | 63 - 120 | 1 | 18 |
| Anthracene | 32.0 | 32.8 | | ug/L | | 102 | 67 - 120 | 1 | 15 |
| Benzo[a]anthracene | 32.0 | 33.0 | | ug/L | | 103 | 70 - 121 | 0 | 15 |
| Benzo[a]pyrene | 32.0 | 36.6 | | ug/L | | 114 | 60 - 123 | 0 | 15 |
| Benzo[b]fluoranthene | 32.0 | 33.0 | | ug/L | | 103 | 66 - 126 | 0 | 15 |
| Benzo[g,h,i]perylene | 32.0 | 36.8 | | ug/L | | 115 | 66 - 150 | 2 | 15 |
| Benzo[k]fluoranthene | 32.0 | 33.3 | | ug/L | | 104 | 65 - 124 | 0 | 22 |
| Chrysene | 32.0 | 32.8 | | ug/L | | 103 | 69 - 120 | 1 | 15 |
| Dibenz(a,h)anthracene | 32.0 | 35.3 | | ug/L | | 110 | 65 - 135 | 2 | 15 |
| Fluoranthene | 32.0 | 34.6 | | ug/L | | 108 | 69 - 126 | 1 | 15 |
| Fluorene | 32.0 | 31.4 | | ug/L | | 98 | 66 - 120 | 0 | 15 |
| Indeno[1,2,3-cd]pyrene | 32.0 | 35.5 | | ug/L | | 111 | 69 - 146 | 1 | 15 |
| Naphthalene | 32.0 | 29.2 | | ug/L | | 91 | 57 - 120 | 2 | 29 |
| Pyrene | 32.0 | 33.0 | | ug/L | | 103 | 70 - 125 | 0 | 19 |
| Phenanthrene | 32.0 | 32.7 | | ug/L | | 102 | 68 - 120 | 2 | 15 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-576234/3-A
Matrix: Water
Analysis Batch: 576642

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 576234

| <i>Surrogate</i> | <i>%Recovery</i> | <i>LCSD Qualifier</i> | <i>Limits</i> |
|-----------------------------|------------------|-----------------------|---------------|
| 2,4,6-Tribromophenol (Surr) | 108 | | 41 - 120 |
| 2-Fluorobiphenyl | 97 | | 48 - 120 |
| 2-Fluorophenol (Surr) | 80 | | 35 - 120 |
| Phenol-d5 (Surr) | 63 | | 22 - 120 |
| p-Terphenyl-d14 (Surr) | 103 | | 60 - 148 |
| Nitrobenzene-d5 (Surr) | 98 | | 46 - 120 |

Lab Sample ID: MB 480-576257/1-A
Matrix: Solid
Analysis Batch: 576481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576257

| <i>Analyte</i> | <i>MB Result</i> | <i>MB Qualifier</i> | <i>RL</i> | <i>MDL</i> | <i>Unit</i> | <i>D</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------|------------------|---------------------|-----------|------------|-------------|----------|-----------------|-----------------|----------------|
| Acenaphthene | ND | | 170 | 25 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Acenaphthylene | ND | | 170 | 22 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Anthracene | ND | | 170 | 42 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Benzo[a]anthracene | ND | | 170 | 17 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Benzo[a]pyrene | ND | | 170 | 25 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Benzo[b]fluoranthene | ND | | 170 | 27 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Benzo[g,h,i]perylene | ND | | 170 | 18 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Benzo[k]fluoranthene | ND | | 170 | 22 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Chrysene | ND | | 170 | 38 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Dibenz(a,h)anthracene | ND | | 170 | 30 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Fluoranthene | ND | | 170 | 18 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Fluorene | ND | | 170 | 20 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 170 | 21 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Naphthalene | ND | | 170 | 22 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Pyrene | ND | | 170 | 20 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Phenanthrene | ND | | 170 | 25 | ug/Kg | | 04/14/21 08:13 | 04/15/21 19:52 | 1 |

| <i>Surrogate</i> | <i>%Recovery</i> | <i>MB Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|-----------------------------|------------------|---------------------|---------------|-----------------|-----------------|----------------|
| 2,4,6-Tribromophenol (Surr) | 103 | | 54 - 120 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| 2-Fluorobiphenyl | 96 | | 60 - 120 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| 2-Fluorophenol (Surr) | 84 | | 52 - 120 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Phenol-d5 (Surr) | 90 | | 54 - 120 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| p-Terphenyl-d14 (Surr) | 114 | | 79 - 130 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |
| Nitrobenzene-d5 (Surr) | 81 | | 53 - 120 | 04/14/21 08:13 | 04/15/21 19:52 | 1 |

Lab Sample ID: LCS 480-576257/2-A
Matrix: Solid
Analysis Batch: 576606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576257

| <i>Analyte</i> | <i>Spike Added</i> | <i>LCS Result</i> | <i>LCS Qualifier</i> | <i>Unit</i> | <i>D</i> | <i>%Rec</i> | <i>Limits</i> |
|----------------------|--------------------|-------------------|----------------------|-------------|----------|-------------|---------------|
| Acenaphthene | 1670 | 1640 | | ug/Kg | | 99 | 62 - 120 |
| Acenaphthylene | 1670 | 1640 | | ug/Kg | | 98 | 58 - 121 |
| Anthracene | 1670 | 1760 | | ug/Kg | | 105 | 62 - 120 |
| Benzo[a]anthracene | 1670 | 1690 | | ug/Kg | | 101 | 65 - 120 |
| Benzo[a]pyrene | 1670 | 1970 | | ug/Kg | | 118 | 64 - 120 |
| Benzo[b]fluoranthene | 1670 | 1820 | | ug/Kg | | 109 | 64 - 120 |

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QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-576257/2-A
Matrix: Solid
Analysis Batch: 576606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576257

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------------------|-------------|------------|---------------|-------|---|------|--------------|
| | | | | | | | |
| Benzo[g,h,i]perylene | 1670 | 1800 | | ug/Kg | | 108 | 45 - 145 |
| Benzo[k]fluoranthene | 1670 | 1690 | | ug/Kg | | 102 | 65 - 120 |
| Chrysene | 1670 | 1800 | | ug/Kg | | 108 | 64 - 120 |
| Dibenz(a,h)anthracene | 1670 | 1790 | | ug/Kg | | 108 | 54 - 132 |
| Fluoranthene | 1670 | 1860 | | ug/Kg | | 112 | 62 - 120 |
| Fluorene | 1670 | 1660 | | ug/Kg | | 100 | 63 - 120 |
| Indeno[1,2,3-cd]pyrene | 1670 | 1800 | | ug/Kg | | 108 | 56 - 134 |
| Naphthalene | 1670 | 1500 | | ug/Kg | | 90 | 55 - 120 |
| Pyrene | 1670 | 1920 | | ug/Kg | | 115 | 61 - 133 |
| Phenanthrene | 1670 | 1740 | | ug/Kg | | 105 | 60 - 120 |

| Surrogate | LCS LCS | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2,4,6-Tribromophenol (Surr) | 97 | | 54 - 120 |
| 2-Fluorobiphenyl | 101 | | 60 - 120 |
| 2-Fluorophenol (Surr) | 84 | | 52 - 120 |
| Phenol-d5 (Surr) | 83 | | 54 - 120 |
| p-Terphenyl-d14 (Surr) | 106 | | 79 - 130 |
| Nitrobenzene-d5 (Surr) | 97 | | 53 - 120 |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

GC/MS VOA

Analysis Batch: 576083

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-183190-1 | SB-1 (25-26) | Total/NA | Solid | 8260C | 576139 |
| 480-183190-2 | SB-2 (10-11.5) | Total/NA | Solid | 8260C | 576139 |
| 480-183190-3 | SB-3 (20-21) | Total/NA | Solid | 8260C | 576139 |
| 480-183190-4 | SB-4 (10-11.5) | Total/NA | Solid | 8260C | 576139 |
| MB 480-576139/2-A | Method Blank | Total/NA | Solid | 8260C | 576139 |
| LCS 480-576139/1-A | Lab Control Sample | Total/NA | Solid | 8260C | 576139 |
| 480-183190-4 MS | SB-4 (10-11.5) | Total/NA | Solid | 8260C | 576139 |
| 480-183190-4 MSD | SB-4 (10-11.5) | Total/NA | Solid | 8260C | 576139 |

Prep Batch: 576139

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|---------|------------|
| 480-183190-1 | SB-1 (25-26) | Total/NA | Solid | 5035A_L | |
| 480-183190-2 | SB-2 (10-11.5) | Total/NA | Solid | 5035A_L | |
| 480-183190-3 | SB-3 (20-21) | Total/NA | Solid | 5035A_L | |
| 480-183190-4 | SB-4 (10-11.5) | Total/NA | Solid | 5035A_L | |
| MB 480-576139/2-A | Method Blank | Total/NA | Solid | 5035A_L | |
| LCS 480-576139/1-A | Lab Control Sample | Total/NA | Solid | 5035A_L | |
| 480-183190-4 MS | SB-4 (10-11.5) | Total/NA | Solid | 5035A_L | |
| 480-183190-4 MSD | SB-4 (10-11.5) | Total/NA | Solid | 5035A_L | |

Analysis Batch: 576373

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 480-183190-5 | MW-1 | Total/NA | Water | 8260C | |
| 480-183190-6 | MW-2 | Total/NA | Water | 8260C | |
| 480-183190-7 | MW-3 | Total/NA | Water | 8260C | |
| 480-183190-8 | MW-4 | Total/NA | Water | 8260C | |
| 480-183190-9 | MW-5 | Total/NA | Water | 8260C | |
| MB 480-576373/7 | Method Blank | Total/NA | Water | 8260C | |
| LCS 480-576373/5 | Lab Control Sample | Total/NA | Water | 8260C | |

GC/MS Semi VOA

Prep Batch: 576234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 480-183190-5 | MW-1 | Total/NA | Water | 3510C | |
| 480-183190-6 | MW-2 | Total/NA | Water | 3510C | |
| 480-183190-8 | MW-4 | Total/NA | Water | 3510C | |
| 480-183190-9 | MW-5 | Total/NA | Water | 3510C | |
| MB 480-576234/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 480-576234/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 480-576234/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

Prep Batch: 576257

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-183190-1 | SB-1 (25-26) | Total/NA | Solid | 3550C | |
| 480-183190-2 | SB-2 (10-11.5) | Total/NA | Solid | 3550C | |
| 480-183190-3 | SB-3 (20-21) | Total/NA | Solid | 3550C | |
| 480-183190-4 | SB-4 (10-11.5) | Total/NA | Solid | 3550C | |
| MB 480-576257/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 480-576257/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |

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QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

GC/MS Semi VOA

Analysis Batch: 576481

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 480-183190-1 | SB-1 (25-26) | Total/NA | Solid | 8270D | 576257 |
| 480-183190-2 | SB-2 (10-11.5) | Total/NA | Solid | 8270D | 576257 |
| 480-183190-3 | SB-3 (20-21) | Total/NA | Solid | 8270D | 576257 |
| 480-183190-4 | SB-4 (10-11.5) | Total/NA | Solid | 8270D | 576257 |
| MB 480-576257/1-A | Method Blank | Total/NA | Solid | 8270D | 576257 |

Analysis Batch: 576606

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| LCS 480-576257/2-A | Lab Control Sample | Total/NA | Solid | 8270D | 576257 |

Analysis Batch: 576642

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 480-183190-5 | MW-1 | Total/NA | Water | 8270D | 576234 |
| 480-183190-6 | MW-2 | Total/NA | Water | 8270D | 576234 |
| 480-183190-8 | MW-4 | Total/NA | Water | 8270D | 576234 |
| 480-183190-9 | MW-5 | Total/NA | Water | 8270D | 576234 |
| MB 480-576234/1-A | Method Blank | Total/NA | Water | 8270D | 576234 |
| LCS 480-576234/2-A | Lab Control Sample | Total/NA | Water | 8270D | 576234 |
| LCS 480-576234/3-A | Lab Control Sample Dup | Total/NA | Water | 8270D | 576234 |

General Chemistry

Analysis Batch: 576209

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 480-183190-1 | SB-1 (25-26) | Total/NA | Solid | Moisture | |
| 480-183190-2 | SB-2 (10-11.5) | Total/NA | Solid | Moisture | |
| 480-183190-3 | SB-3 (20-21) | Total/NA | Solid | Moisture | |
| 480-183190-4 | SB-4 (10-11.5) | Total/NA | Solid | Moisture | |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-1 (25-26)

Date Collected: 04/12/21 14:20

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-1

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 576209 | 04/13/21 19:09 | DSC | TAL BUF |

Client Sample ID: SB-1 (25-26)

Date Collected: 04/12/21 14:20

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-1

Matrix: Solid

Percent Solids: 80.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035A_L | | | 576139 | 04/13/21 10:33 | WJD | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 576083 | 04/13/21 14:12 | CDC | TAL BUF |
| Total/NA | Prep | 3550C | | | 576257 | 04/14/21 08:13 | VXF | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576481 | 04/16/21 02:28 | PJQ | TAL BUF |

Client Sample ID: SB-2 (10-11.5)

Date Collected: 04/12/21 10:45

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-2

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 576209 | 04/13/21 19:09 | DSC | TAL BUF |

Client Sample ID: SB-2 (10-11.5)

Date Collected: 04/12/21 10:45

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-2

Matrix: Solid

Percent Solids: 92.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035A_L | | | 576139 | 04/13/21 10:33 | WJD | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 576083 | 04/13/21 17:27 | CDC | TAL BUF |
| Total/NA | Prep | 3550C | | | 576257 | 04/14/21 08:13 | VXF | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576481 | 04/16/21 02:53 | PJQ | TAL BUF |

Client Sample ID: SB-3 (20-21)

Date Collected: 04/12/21 12:10

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-3

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 576209 | 04/13/21 19:09 | DSC | TAL BUF |

Client Sample ID: SB-3 (20-21)

Date Collected: 04/12/21 12:10

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-3

Matrix: Solid

Percent Solids: 82.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035A_L | | | 576139 | 04/13/21 10:33 | WJD | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 576083 | 04/13/21 15:25 | CDC | TAL BUF |
| Total/NA | Prep | 3550C | | | 576257 | 04/14/21 08:13 | VXF | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576481 | 04/16/21 03:18 | PJQ | TAL BUF |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: SB-4 (10-11.5)

Date Collected: 04/12/21 13:30

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-4

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 576209 | 04/13/21 19:09 | DSC | TAL BUF |

Client Sample ID: SB-4 (10-11.5)

Date Collected: 04/12/21 13:30

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-4

Matrix: Solid

Percent Solids: 81.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035A_L | | | 576139 | 04/13/21 10:33 | WJD | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 576083 | 04/13/21 15:50 | CDC | TAL BUF |
| Total/NA | Prep | 3550C | | | 576257 | 04/14/21 08:16 | VXF | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576481 | 04/16/21 03:43 | PJQ | TAL BUF |

Client Sample ID: MW-1

Date Collected: 04/12/21 15:00

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 576373 | 04/15/21 00:26 | WJD | TAL BUF |
| Total/NA | Prep | 3510C | | | 576234 | 04/14/21 07:12 | SMP | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576642 | 04/16/21 20:18 | PJQ | TAL BUF |

Client Sample ID: MW-2

Date Collected: 04/12/21 11:15

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 576373 | 04/15/21 00:50 | WJD | TAL BUF |
| Total/NA | Prep | 3510C | | | 576234 | 04/14/21 07:12 | SMP | TAL BUF |
| Total/NA | Analysis | 8270D | | 1 | 576642 | 04/16/21 20:44 | PJQ | TAL BUF |

Client Sample ID: MW-3

Date Collected: 04/12/21 14:30

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-7

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 576373 | 04/15/21 01:14 | WJD | TAL BUF |

Client Sample ID: MW-4

Date Collected: 04/12/21 15:10

Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-8

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 576373 | 04/15/21 01:38 | WJD | TAL BUF |
| Total/NA | Prep | 3510C | | | 576234 | 04/14/21 07:12 | SMP | TAL BUF |
| Total/NA | Analysis | 8270D | | 5 | 576642 | 04/16/21 21:10 | PJQ | TAL BUF |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Client Sample ID: MW-5
Date Collected: 04/12/21 15:20
Date Received: 04/12/21 16:35

Lab Sample ID: 480-183190-9
Matrix: Water

| <u>Prep Type</u> | <u>Batch Type</u> | <u>Batch Method</u> | <u>Run</u> | <u>Dilution Factor</u> | <u>Batch Number</u> | <u>Prepared or Analyzed</u> | <u>Analyst</u> | <u>Lab</u> |
|------------------|-------------------|---------------------|------------|------------------------|---------------------|-----------------------------|----------------|------------|
| Total/NA | Analysis | 8260C | | 1 | 576373 | 04/15/21 02:01 | WJD | TAL BUF |
| Total/NA | Prep | 3510C | | | 576234 | 04/14/21 07:12 | SMP | TAL BUF |
| Total/NA | Analysis | 8270D | | 10 | 576642 | 04/16/21 21:36 | PJQ | TAL BUF |

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York | NELAP | 10026 | 04-01-22 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------------|
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |



Method Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

| Method | Method Description | Protocol | Laboratory |
|----------|--|----------|------------|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL BUF |
| 8270D | Semivolatile Organic Compounds (GC/MS) | SW846 | TAL BUF |
| Moisture | Percent Moisture | EPA | TAL BUF |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | TAL BUF |
| 3550C | Ultrasonic Extraction | SW846 | TAL BUF |
| 5030C | Purge and Trap | SW846 | TAL BUF |
| 5035A_L | Closed System Purge and Trap | SW846 | TAL BUF |

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Sample Summary

Client: Stantec Consulting Corp.
Project/Site: Soil/Groundwater #192800145

Job ID: 480-183190-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 480-183190-1 | SB-1 (25-26) | Solid | 04/12/21 14:20 | 04/12/21 16:35 | |
| 480-183190-2 | SB-2 (10-11.5) | Solid | 04/12/21 10:45 | 04/12/21 16:35 | |
| 480-183190-3 | SB-3 (20-21) | Solid | 04/12/21 12:10 | 04/12/21 16:35 | |
| 480-183190-4 | SB-4 (10-11.5) | Solid | 04/12/21 13:30 | 04/12/21 16:35 | |
| 480-183190-5 | MW-1 | Water | 04/12/21 15:00 | 04/12/21 16:35 | |
| 480-183190-6 | MW-2 | Water | 04/12/21 11:15 | 04/12/21 16:35 | |
| 480-183190-7 | MW-3 | Water | 04/12/21 14:30 | 04/12/21 16:35 | |
| 480-183190-8 | MW-4 | Water | 04/12/21 15:10 | 04/12/21 16:35 | |
| 480-183190-9 | MW-5 | Water | 04/12/21 15:20 | 04/12/21 16:35 | |

5 DAY TAT

Chain of Custody Record

| | | | | | | | |
|---|--|---------------------------------------|--|---|--|---|--|
| Client Information | | Sampler: <u>Kate Nelson</u> | | Lab PM: <u>VanDette, Ryan T</u> | | Carrier Tracking No(s): <u>480-159128-35006.1</u> | |
| Client Contact: <u>Bob McHenry</u> | | Phone: <u>585-705-5751</u> | | E-Mail: <u>Ryan.VanDette@Eurofinset.com</u> | | Page: <u>1 of 1</u> | |
| Company: <u>Stantec Consulting Corp.</u> | | Address: <u>61 Commercial Street</u> | | State of Origin: <u>NY</u> | | Job #: | |
| City: <u>Rochester</u> | | State, Zip: <u>NY, 14614</u> | | Analysis Requested | | | |
| PO #: | | Compliance Project: <u>5 DAYS</u> | | Preservation Codes: | | | |
| Project #: | | TAT Requested (days): <u>5</u> | | A - HCL | | | |
| SSOW#: | | PO #: | | M - Hexane | | | |
| Site: <u>2122 Colvin Blvd.</u> | | WO #: | | None | | | |
| Project Name: <u>Bob McHenry@stantec.com Kate Nelson@State.com</u> | | Project #: | | NaO2 | | | |
| Soil/Groundwater # <u>192800145</u> | | SSOW#: | | ZnO4S | | | |
| Sample Identification | | Sample Date | | Sample Time | | Sample Type (C=Comp, G=grab) | |
| SB-1 (25-26) | | 11/14/21 | | 1420 | | Solid | |
| SB-2 (10-11.5) | | | | 1045 | | Solid | |
| SB-3 (20-21) | | | | 1210 | | Solid | |
| MW-1 | | | | 1330 | | Solid | |
| MW-2 | | | | 1500 | | W-Solid | |
| MW-3 | | | | 1115 | | W-Other | |
| MW-4 | | | | 1430 | | W-Solid | |
| MW-5 | | | | 1510 | | W-Other | |
| | | | | 1520 | | Water | |
| | | | | | | Water | |
| | | | | | | Water | |
| Possible Hazard Identification | | Preservation Code: | | Matrix | | Field Filtered Sample (Yes or No) | |
| <input checked="" type="checkbox"/> Non-Hazard | | G | | Solid | | X | |
| <input type="checkbox"/> Flammable | | | | Solid | | X | |
| <input type="checkbox"/> Skin Irritant | | | | Solid | | X | |
| <input type="checkbox"/> Poison B | | | | Solid | | X | |
| <input type="checkbox"/> Unknown | | | | W-Solid | | X | |
| <input type="checkbox"/> Radiological | | | | W-Other | | X | |
| Deliverable Requested: I, II, III, IV, Other (specify) <u>II STANTEC EDU</u> | | Special Instructions/Note: | | Total Number of Containers | | Special Instructions/Note: | |
| Empty Kit Relinquished by: | | Date: | | X | | ON N 1207 Surfer | |
| Relinquished by: <u>[Signature]</u> | | Date: <u>11/17/21</u> | | X | | | |
| Relinquished by: | | Date: | | X | | | |
| Relinquished by: | | Date: | | X | | | |
| Custody Seals Intact: <u>Yes</u> | | Custody Seal No.: | | X | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | Return To Client | | Disposal By Lab | | Archive For | |
| <input checked="" type="checkbox"/> Return To Client | | Special Instructions/QC Requirements: | | X | | Months | |
| Relinquished by: <u>[Signature]</u> | | Date: <u>11/17/21</u> | | X | | | |
| Relinquished by: | | Date: | | X | | | |
| Relinquished by: | | Date: | | X | | | |
| Custody Seals Intact: <u>Yes</u> | | Custody Seal No.: | | X | | | |

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 480-183190-1

Login Number: 183190

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

| Question | Answer | Comment |
|--|--------|---------|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time (Excluding tests with immediate HTs).. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | STANTEC |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |