February 16, 2023

Ms. Kim Vik
Washington State Department of Ecology
15700 Dayton Ave. N
Shoreline, WA 98133

Re: Groundwater Conditions at Corner Court The Eight Bellevue
The Eight Redevelopment
10770 (formerly 10630) NE 8th Street, Bellevue, Washington
FSID: 11652, VCP Project ID: NW3341
Project No. 180587

Dear Ms. Vik:

On behalf of SCD NE8th LLC (Skanska), Aspect Consulting, LLC (Aspect) has prepared this letter to provide additional information regarding groundwater conditions observed at The Eight project site located at 10770 (formerly 10630) NE 8th Street in Bellevue, Washington (herein referred to as The Eight or the Subject Property; Figure 1). As shown on Figure 2 and in Image 1 below, The Eight is situated south-adjacent to the 929 building, which is an office tower with 6 levels of underground parking that was constructed in 2016. It is also situated southeast (upgradient) of The Nine property, which is currently utilized as surface parking and was recently purchased by Skanska.

Image 1. Former buildings located at The Eight relative to the adjacent properties, 929 and The Nine. Looking Northwest.

A cleanup action was completed in 2021 at The Eight, in accordance with the Remedial Investigation/Feasibility Study and Cleanup Action Plan (RI/FS CAP; Aspect, 2022a) and with the Washington State Model Toxics Control Act (MTCA), Chapter 173-340 Washington Administrative Code (WAC). The cleanup action was completed concurrent with property redevelopment and consisted of a remedial excavation of shallow soil and discontinuous shallow groundwater contaminated with chlorinated solvents and petroleum hydrocarbons sourced from a former on-property dry cleaner and auto repair shop. Additionally, soil with VOCs and petroleum hydrocarbons at concentrations less than the MTCA Method A cleanup level associated with fill soil was also removed from the property during redevelopment. The cleanup action activities are summarized in our Cleanup Action Report (CAR; Aspect, 2022b) that was submitted to Ecology for review and opinion in May 2022.

This letter is in response to Ecology's request made during our September 21, 2022 site walk and follow-up email from Kim Vik to provide additional information to support the conclusion in the CAR that the contaminated discontinuous shallow groundwater observed at the Subject Property was successfully removed during redevelopment and that no additional groundwater sampling of the shallow groundwater is needed. Specifically, Ecology requested information regarding construction elements of The Eight and the 929 buildings, as well as groundwater data obtained from The Nine (see below).

Summary of Additional Groundwater Information

Aspect completed the Remedial Investigation in 2021 (RI/FS CAP; Aspect 2022a), which included four consecutive quarters of groundwater monitoring events consisting of groundwater elevation measurements to evaluate flow direction, and analytical sampling to evaluate groundwater quality.

During the RI, shallow groundwater was present in shallow wells between 9 and 40 feet below ground surface (bgs; approximate elevations 161 to 124), situated in more permeable sand- and gravel-heavy lenses and layers, overlying the semi-confining silt layer observed at approximately 40 feet bgs. As discussed in the RI report, the shallow groundwater was observed to be discontinuous because groundwater was not present in all of the shallow wells installed across the property (Aspect, 2022a). Based on groundwater elevations obtained during the RI, the shallow discontinuous groundwater flow prior to redevelopment and construction of The Eight parking garage appeared to be toward the northwest, in the direction of the 929 building's underground parking garage. Drainage features in the 929 building's parking garage may be affecting localized groundwater flow in the immediate area, including at The Eight property prior to redevelopment, because shallow groundwater flow elsewhere in this neighborhood has been documented to be in the south to east directions. Information on the 929 building's parking garage construction are provided in later sections of this letter.

Analytical sampling of discontinuous perched groundwater during the RI showed chlorinated solvents and petroleum hydrocarbons above the MTCA cleanup levels situated near the center of the property. The north, east, south, and southwest extents of the contaminated groundwater were identified during the RI as within property boundaries and within the footprint of the redevelopment mass excavation, described in the RI (Aspect, 2022a) and discussed further below. To the northwest, vinyl chloride was detected at a concentration greater than the MTCA Method A cleanup level in a well (AMW-04) located on the Subject Property near the northwest property boundary prior to redevelopment. Well AMW-04 was installed downgradient of the source area,

close to the property boundary as practicable. Well installation beyond the property boundary farther downgradient to the northwest was not possible, due to the presence of the underground parking garage for the north-adjoining 929 building.

As stated in the CAR, the source material (dry cleaner solvent and petroleum hydrocarbon contaminated soil) and contaminated discontinuous shallow groundwater was fully encompassed laterally and vertically by the redevelopment mass excavation, and therefore was successfully removed during the cleanup action and redevelopment of The Eight property. Additionally, information about the extent of the redevelopment mass excavation relative to the former contaminated soil and groundwater areas is presented in later sections of this letter.

Since completion and submittal of the CAR, Aspect has conducted investigation and groundwater monitoring activities at the northwest adjacent The Nine property to support Skanska's property acquisition due diligence and construction planning. These data provide additional information on groundwater quality farther downgradient than well AMW-04 in an area that was not previously accessible during the RI, and that further supports the conclusion that the contaminated discontinuous shallow groundwater was contained to the Subject Property and has been fully removed from the Site during redevelopment and cleanup. Specifically, data show that chlorinated solvents were not detected from groundwater samples obtained from the northwest-adjacent property, The Nine, during any of Aspect's monitoring events conducted between March and December 2022. Additional information on investigation and groundwater monitoring activities and results at The Nine is presented in later sections of this letter.

Redevelopment and Groundwater Observations

929 Office Tower

Underground Parking Garage and Discontinuous Groundwater

The 929 office tower is located north-adjacent to the Subject Property at 929 108th Avenue NE in Bellevue. The office tower was constructed in 2016 and consists of a 19-story office tower and 6 levels of underground parking. Based on our review of plan sets available through the City of Bellevue (select pages included in Appendix A), no permanent dewatering features are present in the parking garage structure. The footprint of the parking garage spans property-line to property-line across the entire parcel with a maximum depth of approximately 55 feet bgs (from ground surface to elevation 113). As shown in Image 2, the parking garage spans the elevation of shallow discontinuous groundwater that was observed at The Eight (approximate elevations 161 to 124; shown in blue for illustration purposes). Based on the presence of the parking garage, there is no shallow groundwater present on the 929 property downgradient of source area on The Eight, monitoring activities are not warranted, and monitoring well installation on this property is not feasible.

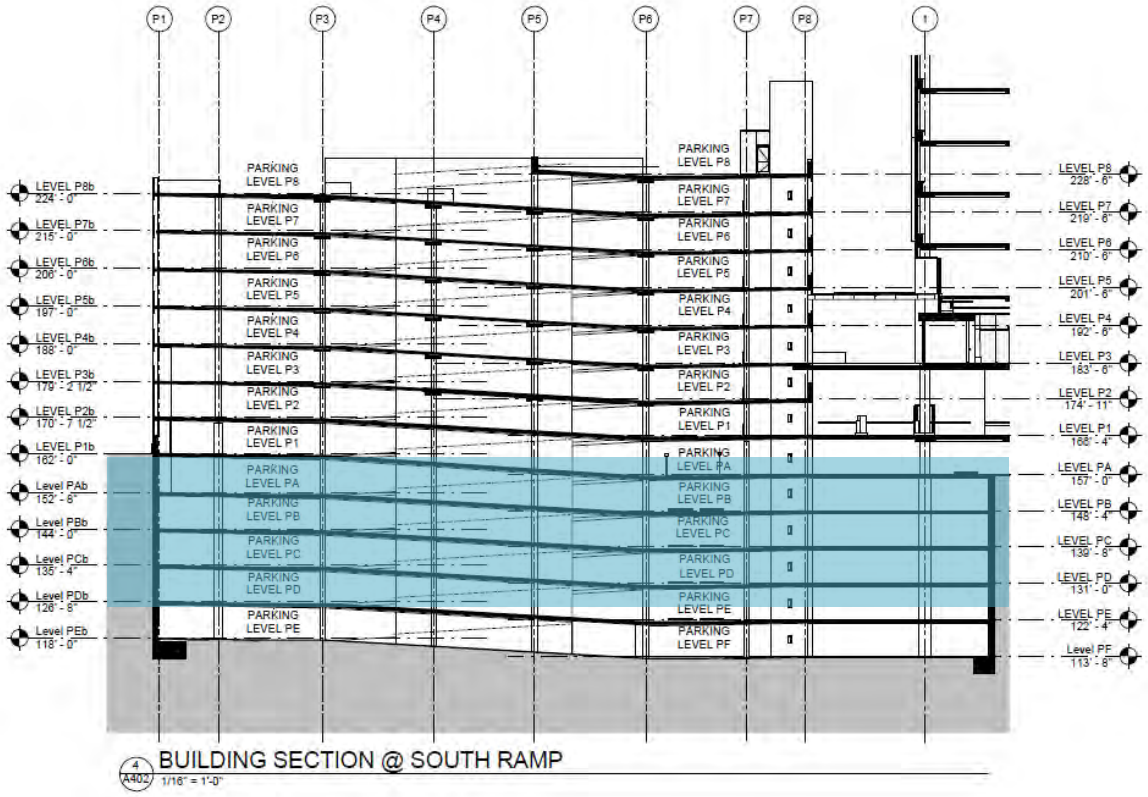

Image 2. Image from the 929 parking garage permit set. The discontinuous groundwater elevations observed at The Eight are shown graphically in blue to demonstrate that the parking garage spans the shallow groundwater elevations.

The Eight Office Tower

Underground Parking Garage and Discontinuous Groundwater

The Eight office tower construction consists of an office tower and 5 levels of underground parking. The shoring wall for the parking garage is situated on the north, west, and southern property boundary and approximately 5 feet west of the eastern property boundary. Although the underground parking garage spans the entire property, the above ground portion of the building is oval shaped and situated in the center of the parcel. The location of the shoring wall and underground parking garage and the footprint of the aboveground building is shown on Figure 3.

All soil within the shoring wall was excavated to a maximum depth of approximately 59 feet bgs (elevation 109) to construct the underground parking garage. Similar to the 929 development, the underground parking garage at The Eight spans the shallow discontinuous groundwater elevations observed during construction, as shown on Image 3 below (approximate elevations 161 to 124, shown in blue for illustration purposes).

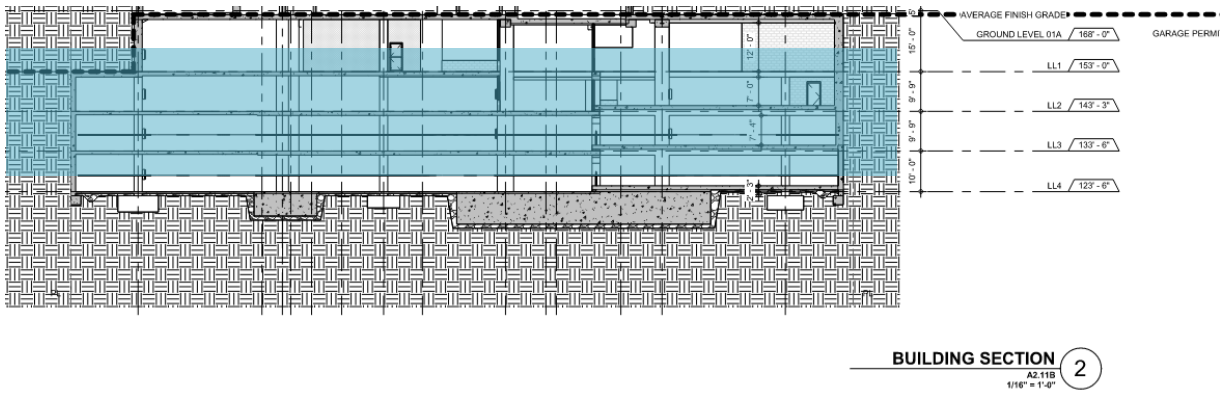

Image 3. Image from The Eight parking garage permit set. The discontinuous groundwater elevations observed at The Eight are shown graphically in blue to demonstrate that the parking garage spans the shallow groundwater elevations and that any discontinuous shallow groundwater that was present prior to development was removed during construction.

Shoring Wall Construction and Groundwater Observations

The underground parking garage at The Eight is situated approximately 7 feet south of the 929 underground parking garage and, during construction of The Eight, hundreds of tiebacks were installed in the north shoring wall of The Eight. Many of the tiebacks installed in the north shoring wall were anchored into the parking garage of the 929 parking garage, including at the elevation range where the discontinuous groundwater was observed at The Eight prior to construction (elevation 161 to 124), as shown on Image 4 (right). However, during and after installation of the tierods, no groundwater seepage was observed inside the parking garage of the 929 building indicating that the shallow discontinuous groundwater was not present in that location.

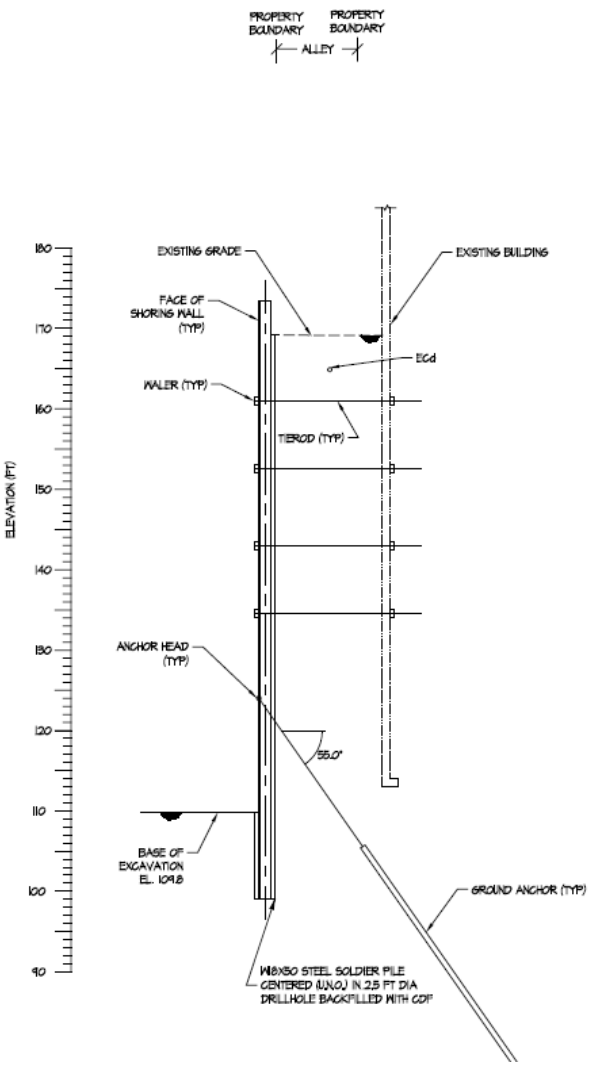

Image 4. The Eight North shoring wall showing tierods anchored into the southern wall of the 929 parking garage. Image sourced from The Eight shoring wall plan set.

The Nine Groundwater Conditions

The Nine property is located at NE 9th Place and 106th Avenue NE in Bellevue and is northwest-adjacent (downgradient) to The Eight (Figure 2). Skanska purchased The Nine in 2022 and Aspect completed soil, soil gas, and groundwater sampling at The Nine to support environmental due diligence. The absence of chlorinated solvents at The Nine, which is located downgradient of The Eight, indicates that the discontinuous contaminated groundwater encountered at The Eight did not migrate off the Subject Property in the downgradient direction toward the northwest, as described below.

Groundwater samples were obtained from 6 shallow groundwater monitoring wells screened between approximately 10 and 30 feet bgs (approximate elevations 150 to 135) (AMW-01S, AMW-02 through AMW-04, MW-8, and MW-9) and one deep well (AMW-01D) screened between approximately 65 and 80 feet below ground surface (elevation 95 to 80) in March and December 2022. Well AMW-03 is situated closest to The Eight property boundary, approximately 75 feet northwest, and approximately 150 feet northwest of former well AMW-04 at The Eight, where vinyl chloride was detected above the MTCA cleanup level.

Each of the groundwater samples were submitted for contaminants of potential concern, including volatile organic compounds (VOCs). Chlorinated solvents, including vinyl chloride, were not detected in any of the groundwater samples obtained at The Nine during both sampling events.

Chemical analytical results are shown on Figure 4 and summarized on Table 1. Laboratory data is included in Appendix B.

Conclusions

It is Aspect's opinion that the cleanup action completed at the Site meets the MTCA requirements and results in Site conditions that are fully protective of human health and the environment. On behalf of Skanska, we are requesting that Ecology issue a No Further Action (NFA) determination for the Site. This opinion is based on the results of the characterization activities summarized in the RI/FS CAP (Aspect, 2022a), the cleanup action described in the CAR (Aspect, 2022b), and the additional information presented in this letter that was requested by Ecology during our site visit on September 21, 2022, which includes the following:

- Shallow groundwater at The Eight is discontinuous throughout the property and was only observed in more permeable sand- and gravel-heavy lenses and layers overlying the semi-confining silt layer observed at approximately 40 feet below ground surface. Prior to construction and cleanup, the extents of discontinuous shallow groundwater contamination to the north, east, south, and southwest is documented as within property boundaries and within the footprint of the redevelopment mass excavation.

- Many of the groundwater monitoring wells screened within the shallow groundwater zone contained no groundwater (dry wells) prior to the excavation, indicating that very little shallow water was present prior to construction.

- Dewatering was not needed, and groundwater was not encountered during mass excavation of soil across the entire property, except for minor seepage located on the west-central

portion of the property at approximately 40 feet deep (elevation 128 feet). The water encountered in the seep was removed using a sump pump, however the volume of accumulated groundwater was too small to facilitate pumping and the groundwater was excavated along with surrounding soil.

- Soil was removed across the Subject Property and an underground parking garage was constructed, which spans the elevations of the shallow groundwater observed prior to construction. Any groundwater that was present in the shallow zone was excavated during construction.

- The underground parking garage of the 929 building immediately adjacent in the downgradient (northwest) direction also spans the elevations of the shallow groundwater zone. Any groundwater that was present on the 929 property would also have been excavated and removed during construction of the 929 building.
- No groundwater was observed seeping through the tiebacks and into the parking garage of the 929 building during construction of The Eight, indicating that there is little or no shallow groundwater present in the 7-foot-wide gap between the parking garages at the 929 building and The Eight building.
- Chlorinated solvents were not detected on the downgradient property, The Nine, during two sampling events completed in March and December 2022.

References

Aspect Consulting (Aspect), 2022a, Remedial Investigation / Feasibility Study and Cleanup Action Plan, The Eight Redevelopment, 10770 (formerly 10630) NE 8th Street, Bellevue, Washington, prepared for SCD NE8th LLC, April 26, 2022.

Aspect Consulting (Aspect), 2022b, Cleanup Action Report, The Eight Redevelopment, 10770 (formerly 10630) NE 8th Street, Bellevue, Washington, prepared for SCD NE8th LLC, April 26, 2022.

Limitations

Work for this project was performed for the SCD NE8th LLC (Skanska; Client), and this letter was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This letter does not represent a legal opinion. No other warranty, expressed or implied, is made.

Sincerely,

Aspect consulting, LLC

2/16/2023

Jessica Smith, LG
Senior Associate Geologist
jsmith@aspectconsulting.com

Ali Cochrane, LG
Senior Geologist
acochrane@aspectconsulting.com

Attachments:
Table 1 – Groundwater Analytical Results – The Nine
Figure 1 – Site Vicinity Map
Figure 2 – Site Plan
Figure 3 – The Eight Building Construction Plan
Figure 4 – The Nine Groundwater Analytical Results
Appendix A – 929 Building Construction
Appendix B – Laboratory Analytical Results

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TABLE

Table 1. Groundwater Analytical Results - The Nine

Project No. 180587, The Eight, Bellevue, Washington

		Location	AMW-01D		AMW-01S		AMW-02	
		Date	03/07/2022	12/15/2022	03/07/2022	12/14/2022	03/07/2022	12/14/2022
		Sample	AMW-01D-	AMW-01D-	AMW-01S-	AMW-01S-	AMW-02-03072022	AMW-02-12142022
		Top of Casing Elevation (ft NAVD 88)	160.28		160.10		162.41	
		Depth to Groundwater (ft BTOC)	75.39	77.19	11.78	15.85	13.60	22.45
		Groundwater Elevation (ft NAVD 88)	84.89	83.09	148.32	144.25	148.81	139.96
Analyte	MTCA Method A Cleanup Levels for Groundwater	Natural Background Concentration[1]						
Total Petroleum Hydrocarbons (TPHs)								
Gasoline Range Organics	800	--	< 50.0 U	< 50 U	< 50.0 U	< 50 U	< 50.0 U	< 50 U
Diesel Range Organics	500	--	< 118 U	< 93.6 U	< 119 U	< 93.8 U	< 118 U	< 95.9 U
Motor Oil Range Organics	500	--	< 118 U	< 93.6 U	**471**	**1150**	< 118 U	< 95.9 U
Diesel and Oil Extended Range Organics	500	--	< 235 U	< 187 U	**471**	**1150**	< 236 U	< 192 U
Petroluem Related Volatile Orangic Compounds (VOCs)								
Benzene	5	--	< 0.440 U	< 0.44 U	< 0.440 U	< 0.44 U	< 0.440 U	< 0.44 U
Toluene	1000	--	< 0.750 U	< 1 U	< 0.750 U	< 1 U	< 0.750 U	< 1 U
Ethylbenzene	700	--	< 0.400 U	< 0.4 U	< 0.400 U	< 0.4 U	< 0.400 U	< 0.4 U
Total Xylenes	1000	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	160	--	< 1.25 UJ	< 1.25 U	< 1.25 UJ	< 1.25 U	< 1.25 UJ	< 1.25 U
Total Metals								
Arsenic	5	8	**5.72**	**26.6**	**2.79**	**2.42**	**2.56**	**2.25**
Barium		--	**38.5**	**27.0**	**11.9**	**14.7**	< 2.50 U	**2.62**
Cadmium	5	--	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U
Chromium	50	--	**4.55**	**1.43**	**1.08**	< 1 U	**3.45**	< 1 U
Lead	15	--	**0.858**	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Mercury	2	--	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U
Selenium		--	< 5.00 U	< 1 U	< 5.00 U	< 1 U	< 5.00 U	< 1 U
Silver		--	< 0.250 U	< 0.2 U	< 0.250 U	< 0.2 U	< 0.250 U	< 0.2 U
Dissolved Metals								
Arsenic	5	8	**5.24**	**25.2**	**2.60**	**1.70**	**2.39**	**2.26**
Barium		--	**27.0**	**23.0**	**10.8**	**15.6**	**2.03**	**3.90**
Cadmium	5	--	< 0.125 U	< 0.2 U	< 0.125 U	< 0.2 U	< 0.125 U	< 0.2 U
Chromium	50	--	< 0.750 U	< 3.5 U	< 0.750 U	< 3.5 U	**1.61**	< 3.5 U
Lead	15	--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Mercury	2	--	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U
Selenium		--	< 1.90 U	< 6 U	< 1.90 U	< 6 U	< 1.90 U	< 6 U
Silver		--	< 0.350 U	< 0.5 U	< 0.350 U	< 0.5 U	< 0.350 U	< 0.5 U
Volatile Organic Compounds (VOCs)								
1,1,1,2-Tetrachloroethane		--	< 0.300 U	< 0.3 U	< 0.300 U	< 0.3 U	< 0.300 U	< 0.3 U
1,1,1-Trichloroethane	200	--	< 0.400 U	< 0.3 U	< 0.400 U	< 0.3 U	< 0.400 U	< 0.3 U
1,1,2,2-Tetrachloroethane		--	< 0.400 U	< 0.2 U	< 0.400 U	< 0.2 U	< 0.400 U	< 0.2 U
1,1,2-Trichloroethane		--	< 0.350 U	< 0.25 U	< 0.350 U	< 0.25 U	< 0.350 U	< 0.25 U
1,1-Dichloroethane		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,1-Dichloroethene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,1-Dichloropropene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2,3-Trichlorobenzene		--	< 0.700 U	< 0.7 U	< 0.700 U	< 0.7 U	< 0.700 U	< 0.7 U
1,2,3-Trichloropropane		--	< 0.400 UJ	< 0.4 U	< 0.400 UJ	< 0.4 U	< 0.400 UJ	< 0.4 U
1,2,4-Trichlorobenzene		--	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U
1,2,4-Trimethylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2-Dibromo-3-chloropropane		--	< 1.00 UJ	< 1 U	< 1.00 UJ	< 1 U	< 1.00 UJ	< 1 U
1,2-Dibromoethane (EDB)	0.01	--	*< 0.300 U*	*< 0.2 U*	*< 0.300 U*	*< 0.2 U*	*< 0.300 U*	*< 0.2 U*
1,2-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2-Dichloroethane (EDC)	5	--	< 0.400 U	< 0.5 U	< 0.400 U	< 0.5 U	< 0.400 U	< 0.5 U
1,2-Dichloropropane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
1,3,5-Trimethylbenzene		--	< 0.250 U	< 0.5 U	< 0.250 U	< 0.5 U	< 0.250 U	< 0.5 U
1,3-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,3-Dichloropropane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
1,4-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
2-Butanone		--	< 1.50 UJ	< 1.5 U	< 1.50 UJ	< 1.5 U	< 1.50 UJ	< 1.5 U
2-Chlorotoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
2-Hexanone		--	< 1.00 UJ	< 1.25 U	< 1.00 UJ	< 1.25 U	< 1.00 UJ	< 1.25 U
4-Chlorotoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
4-Methyl-2-pentanone		--	< 1.25 UJ	< 1 U	< 1.25 UJ	< 1 U	< 1.25 UJ	< 1 U
Acetone		--	< 6.00 UJ	< 5 U	< 6.00 UJ	< 5 U	< 6.00 UJ	< 5 U
Bromobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Bromodichloromethane		--	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U
Bromoform		--	< 0.500 UJ	< 0.3 U	< 0.500 UJ	< 0.3 U	< 0.500 UJ	< 0.3 U
Bromomethane		--	< 1.20 UJ	< 3 U	< 1.20 UJ	< 3 U	< 1.20 UJ	< 3 U
Carbon Tetrachloride		--	< 0.750 U	< 0.3 U	< 0.750 U	< 0.3 U	< 0.750 U	< 0.3 U
Chlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Chloroethane		--	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U
Chloroform		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Chloromethane		--	< 0.750 UJ	< 0.75 U	< 0.750 UJ	< 0.75 U	< 0.750 UJ	< 0.75 U
cis-1,2-Dichloroethene (cDCE)		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
cis-1,3-Dichloropropene		--	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U
Dibromochloromethane		--	< 1.00 UJ	< 0.3 U	< 1.00 UJ	< 0.3 U	< 1.00 UJ	< 0.3 U
Dibromomethane		--	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U
Dichlorodifluoromethane		--	< 1.25 UJ	< 0.5 U	< 1.25 UJ	< 0.5 U	< 1.25 UJ	< 0.5 U
Hexachlorobutadiene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Isopropylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
m,p-Xylenes		--	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U
Methyl tert-butyl ether (MTBE)	20	--	< 0.500 UJ	< 0.35 U	< 0.500 UJ	< 0.35 U	< 0.500 UJ	< 0.35 U
Methylene Chloride	5	--	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U	**1.29 J**	< 0.75 U
n-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
n-Propylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
o-Xylene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
p-Isopropyltoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
sec-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Styrene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
tert-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Tetrachloroethene (PCE)	5	--	< 0.400 U	< 0.35 U	< 0.400 U	< 0.35 U	< 0.400 U	< 0.35 U
trans-1,2-Dichloroethene		--	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U
trans-1,3-Dichloropropene		--	< 0.500 UJ	< 0.5 U	< 0.500 UJ	< 0.5 U	< 0.500 UJ	< 0.5 U
Trichloroethene (TCE)	5	--	< 0.500 U	< 0.4 U	< 0.500 U	< 0.4 U	< 0.500 U	< 0.4 U
Trichlorofluoromethane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
Vinyl Chloride	0.2	--	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U

Notes:

[1]Natural Background Groundwater Arsenic Concentrations in Washington State: Study Results, Publication No. 14-09-044, January 2022.

All groundwater analytical results are presented in ug/L unless specified otherwise.

Bold - indicates a detected concentration.

Blue Shaded - Detected result exceeded the MTCA Method A cleanup level

Red Text - Detected result or nondetected RL exceeded the natural background concentrations.

Italicized - indicates a reporting limit that is higher than the MTCA Method A cleanup level.

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting limit shown.

J = The indicated concentration is considered an estimate.

UJ = The analyte was not detected at or above the laboratory reporting limit and the reporting limit is an estimate.

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

BTEX = benzene, toluene, ethylbenzene, xylenes

ft = feet

BTOC = below top of casing

NAVD88 = North American Vertical Datum 1988

Table 1. Groundwater Analytical Results - The Nine

Project No. 180587, The Eight, Bellevue, Washington

		Location	AMW-03		AMW-04		MW-08		MW-09	
		Date	03/07/2022	12/15/2022	03/07/2022	12/14/2022	03/07/2022	12/14/2022	03/07/2022	12/14/2022
		Sample	AMW-03-03072022	AMW-03-12152022	AMW-04-03072022	AMW-04-12142022	MW-08-03072022	MW-08-12142022	MW-09-03072022	MW-09-12142022
		Top of Casing Elevation (ft NAVD 88)	163.55		163.15		160.28		160.12	
		Depth to Groundwater (ft BTOC)	14.45	21.11	10.09	11.88	8.36	12.13	11.07	16.34
		Groundwater Elevation (ft NAVD 88)	149.10	142.44	153.06	151.27	151.92	148.15	149.05	143.78
Analyte	MTCA Method A Cleanup Levels for Groundwater	Natural Background Concentration[1]								
Total Petroleum Hydrocarbons (TPHs)										
Gasoline Range Organics	800	--	< 50.0 U	< 50 U	< 50.0 U	< 50 U	< 50.0 U	< 50 U	< 50.0 U	< 50 U
Diesel Range Organics	500	--	< 119 U	**238 X**	< 117 U	< 94.2 U	< 118 U	< 94.3 U	< 117 U	**141**
Motor Oil Range Organics	500	--	**298**	< 96 U	< 117 U	< 94.2 U	< 118 U	< 94.3 U	**531**	< 94.5 U
Diesel and Oil Extended Range Organics	500	--	**298**	**238 X**	< 233 U	< 188 U	< 237 U	< 189 U	**531**	< 189 U
Petroluem Related Volatile Orangic Compounds (VOCs)										
Benzene	5	--	< 0.440 U	< 0.44 U	< 0.440 U	< 0.44 U	< 0.440 U	< 0.44 U	< 0.440 U	< 0.44 U
Toluene	1000	--	< 0.750 U	< 1 U	< 0.750 U	< 1 U	< 0.750 U	< 1 U	< 0.750 U	< 1 U
Ethylbenzene	700	--	< 0.400 U	< 0.4 U	< 0.400 U	< 0.4 U	< 0.400 U	< 0.4 U	< 0.400 U	< 0.4 U
Total Xylenes	1000	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	160	--	< 1.25 UJ	< 1.25 U	< 1.25 UJ	< 1.25 U	< 1.25 UJ	< 1.25 U	< 1.25 UJ	< 1.25 U
Total Metals										
Arsenic	5	8	**1.08**	**1.38**	**1.63**	**1.09**	< 1.00 U	**1.64**	**1.03**	**1.18**
Barium		--	**9.67**	**16.9**	**8.22**	**15.2**	**7.93**	**17.1**	**22.1**	**20.0**
Cadmium	5	--	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U
Chromium	50	--	**3.39**	< 1 U	**1.86**	**1.64**	**2.70**	**3.21**	**3.56**	**2.07**
Lead	15	--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Mercury	2	--	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U
Selenium		--	< 5.00 U	< 1 U	< 5.00 U	< 1 U	< 5.00 U	< 1 U	< 5.00 U	< 1 U
Silver		--	< 0.250 U	< 0.2 U	< 0.250 U	< 0.2 U	< 0.250 U	< 0.2 U	< 0.250 U	< 0.2 U
Dissolved Metals										
Arsenic	5	8	**1.37**	**1.50**	**1.27**	< 1.5 U	< 1.00 U	< 1.5 U	**1.03**	< 1.5 U
Barium		--	**10.1**	**17.4**	**7.68**	**16.0**	**7.93**	**18.8**	**20.4**	**19.8**
Cadmium	5	--	< 0.125 U	< 0.2 U	< 0.125 U	< 0.2 U	< 0.125 U	< 0.2 U	< 0.125 U	< 0.2 U
Chromium	50	--	**1.68**	< 3.5 U	< 0.750 U	< 3.5 U	**1.49**	< 3.5 U	**1.17**	< 3.5 U
Lead	15	--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Mercury	2	--	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U	< 0.100 U	< 0.1 U
Selenium		--	< 1.90 U	< 6 U	< 1.90 U	< 6 U	< 1.90 U	< 6 U	< 1.90 U	< 6 U
Silver		--	< 0.350 U	< 0.5 U	< 0.350 U	< 0.5 U	< 0.350 U	< 0.5 U	< 0.350 U	< 0.5 U
Volatile Organic Compounds (VOCs)										
1,1,1,2-Tetrachloroethane		--	< 0.300 U	< 0.3 U	< 0.300 U	< 0.3 U	< 0.300 U	< 0.3 U	< 0.300 U	< 0.3 U
1,1,1-Trichloroethane	200	--	< 0.400 U	< 0.3 U	< 0.400 U	< 0.3 U	< 0.400 U	< 0.3 U	< 0.400 U	< 0.3 U
1,1,2,2-Tetrachloroethane		--	< 0.400 U	< 0.2 U	< 0.400 U	< 0.2 U	< 0.400 U	< 0.2 U	< 0.400 U	< 0.2 U
1,1,2-Trichloroethane		--	< 0.350 U	< 0.25 U	< 0.350 U	< 0.25 U	< 0.350 U	< 0.25 U	< 0.350 U	< 0.25 U
1,1-Dichloroethane		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,1-Dichloroethene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,1-Dichloropropene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2,3-Trichlorobenzene		--	< 0.700 U	< 0.7 U	< 0.700 U	< 0.7 U	< 0.700 U	< 0.7 U	< 0.700 U	< 0.7 U
1,2,3-Trichloropropane		--	< 0.400 UJ	< 0.4 U	< 0.400 UJ	< 0.4 U	< 0.400 UJ	< 0.4 U	< 0.400 UJ	< 0.4 U
1,2,4-Trichlorobenzene		--	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U	< 0.750 U	< 0.75 U
1,2,4-Trimethylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2-Dibromo-3-chloropropane		--	< 1.00 UJ	< 1 U	< 1.00 UJ	< 1 U	< 1.00 UJ	< 1 U	< 1.00 UJ	< 1 U
1,2-Dibromoethane (EDB)	0.01	--	*< 0.300 U*	*< 0.2 U*	*< 0.300 U*	*< 0.2 U*	*< 0.300 U*	*< 0.2 U*	*< 0.300 U*	*< 0.2 U*
1,2-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,2-Dichloroethane (EDC)	5	--	< 0.400 U	< 0.5 U	< 0.400 U	< 0.5 U	< 0.400 U	< 0.5 U	< 0.400 U	< 0.5 U
1,2-Dichloropropane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
1,3,5-Trimethylbenzene		--	< 0.250 U	< 0.5 U	< 0.250 U	< 0.5 U	< 0.250 U	< 0.5 U	< 0.250 U	< 0.5 U
1,3-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
1,3-Dichloropropane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
1,4-Dichlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
2-Butanone		--	< 1.50 UJ	< 1.5 U	< 1.50 UJ	< 1.5 U	< 1.50 UJ	< 1.5 U	< 1.50 UJ	< 1.5 U
2-Chlorotoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
2-Hexanone		--	< 1.00 UJ	< 1.25 U	< 1.00 UJ	< 1.25 U	< 1.00 UJ	< 1.25 U	< 1.00 UJ	< 1.25 U
4-Chlorotoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
4-Methyl-2-pentanone		--	< 1.25 UJ	< 1 U	< 1.25 UJ	< 1 U	< 1.25 UJ	< 1 U	< 1.25 UJ	< 1 U
Acetone		--	< 6.00 UJ	< 5 U	< 6.00 UJ	< 5 U	< 6.00 UJ	< 5 U	< 6.00 UJ	< 5 U
Bromobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Bromodichloromethane		--	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U
Bromoform		--	< 0.500 UJ	< 0.3 U	< 0.500 UJ	< 0.3 U	< 0.500 UJ	< 0.3 U	< 0.500 UJ	< 0.3 U
Bromomethane		--	< 1.20 UJ	< 3 U	< 1.20 UJ	< 3 U	< 1.20 UJ	< 3 U	< 1.20 UJ	< 3 U
Carbon Tetrachloride		--	< 0.750 U	< 0.3 U	< 0.750 U	< 0.3 U	< 0.750 U	< 0.3 U	< 0.750 U	< 0.3 U
Chlorobenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Chloroethane		--	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U
Chloroform		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Chloromethane		--	< 0.750 UJ	< 0.75 U	< 0.750 UJ	< 0.75 U	< 0.750 UJ	< 0.75 U	< 0.750 UJ	< 0.75 U
cis-1,2-Dichloroethene (cDCE)		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
cis-1,3-Dichloropropene		--	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U
Dibromochloromethane		--	< 1.00 UJ	< 0.3 U	< 1.00 UJ	< 0.3 U	< 1.00 UJ	< 0.3 U	< 1.00 UJ	< 0.3 U
Dibromomethane		--	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U	< 0.500 U	< 0.25 U
Dichlorodifluoromethane		--	< 1.25 UJ	**2.76**	< 1.25 UJ	< 0.5 U	< 1.25 UJ	< 0.5 U	< 1.25 UJ	< 0.5 U
Hexachlorobutadiene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Isopropylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
m,p-Xylenes		--	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U	< 1.00 U	< 1 U
Methyl tert-butyl ether (MTBE)	20	--	< 0.500 UJ	< 0.35 U	< 0.500 UJ	< 0.35 U	< 0.500 UJ	< 0.35 U	< 0.500 UJ	< 0.35 U
Methylene Chloride	5	--	**0.958 J**	< 0.75 U	**3.34 J**	< 0.75 U	**1.02 J**	< 0.75 U	< 0.750 U	< 0.75 U
n-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
n-Propylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
o-Xylene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
p-Isopropyltoluene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
sec-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Styrene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
tert-Butylbenzene		--	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U	< 0.500 U	< 0.5 U
Tetrachloroethene (PCE)	5	--	< 0.400 U	< 0.35 U	< 0.400 U	< 0.35 U	< 0.400 U	< 0.35 U	< 0.400 U	< 0.35 U
trans-1,2-Dichloroethene		--	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U	< 0.500 U	< 0.35 U
trans-1,3-Dichloropropene		--	< 0.500 UJ	< 0.5 U	< 0.500 UJ	< 0.5 U	< 0.500 UJ	< 0.5 U	< 0.500 UJ	< 0.5 U
Trichloroethene (TCE)	5	--	< 0.500 U	< 0.4 U	< 0.500 U	< 0.4 U	< 0.500 U	< 0.4 U	< 0.500 U	< 0.4 U
Trichlorofluoromethane		--	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U	< 0.500 U	< 0.3 U
Vinyl Chloride	0.2	--	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U	< 0.200 U	< 0.2 U

Notes:

[1]Natural Background Groundwater Arsenic Concentrations in Washington State: Study Resul

All groundwater analytical results are presented in ug/L unless specified otherwise.

Bold - indicates a detected concentration.

Blue Shaded - Detected result exceeded the MTCA Method A cleanup level

Red Text - Detected result or nondetected RL exceeded the natural background concentratio

Italicized - indicates a reporting limit that is higher than the MTCA Method A cleanup

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting

J = The indicated concentration is considered an estimate.

UJ = The analyte was not detected at or above the laboratory reporting limit and the reportin

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

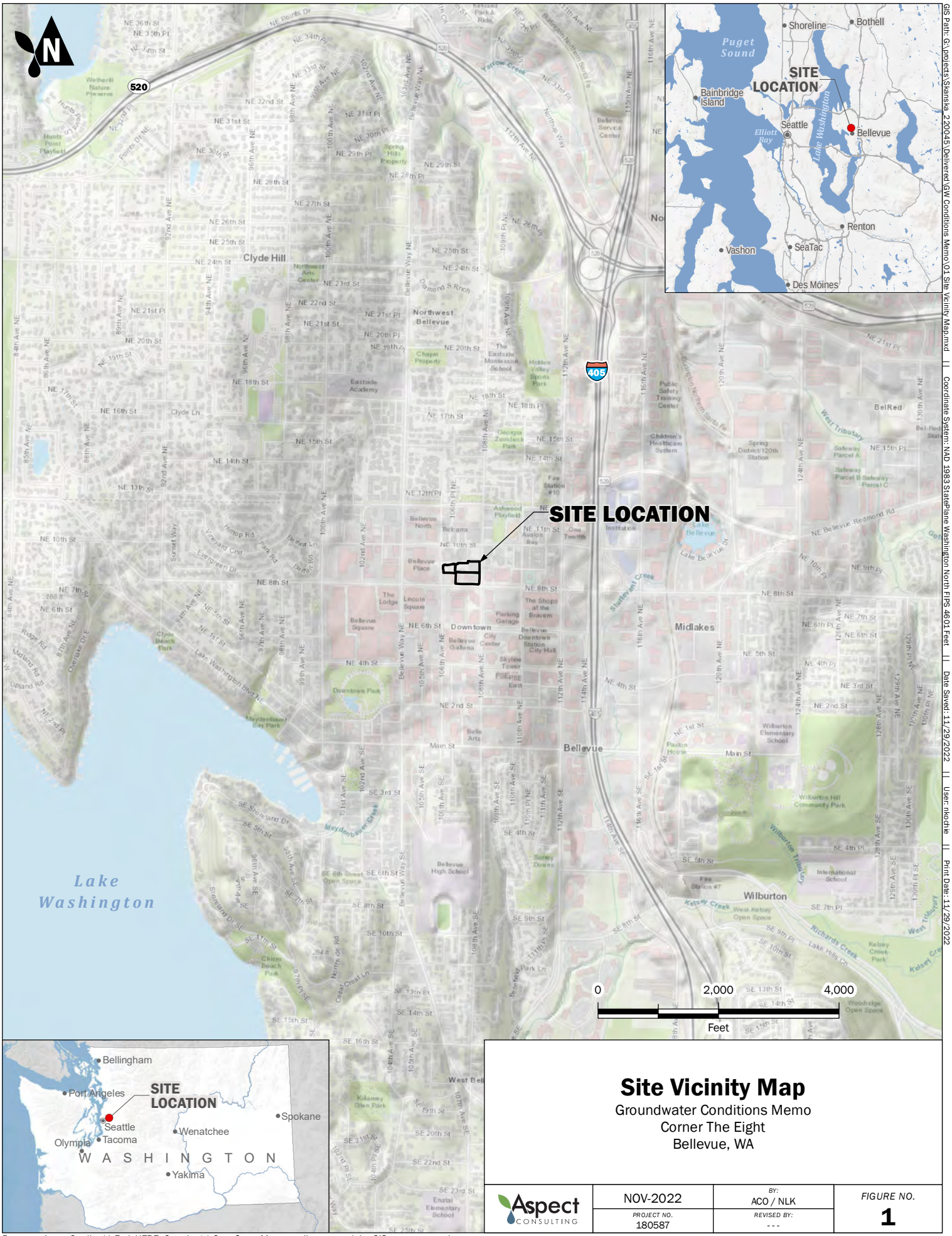
BTEX = benzene, toluene, ethylbenzene, xylenes

ft = feet

BTOC = below top of casing

NAVD88 = North American Vertical Datum 1988

FIGURES



Site Vicinity Map

Groundwater Conditions Memo
Corner The Eight
Bellevue, WA

Aspect CONSULTING	NOV-2022	BY: ACO / NLK	FIGURE NO. 1
	PROJECT NO. 180587	REVISED BY: ---	

GIS Path: G:\projects\Stanley_220045\Delivered\GW Conditions Memo\01 Site Vicinity Map.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 11/29/2022 || User: nkoch || Print Date: 11/29/2022

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King County Parcel Boundary

N

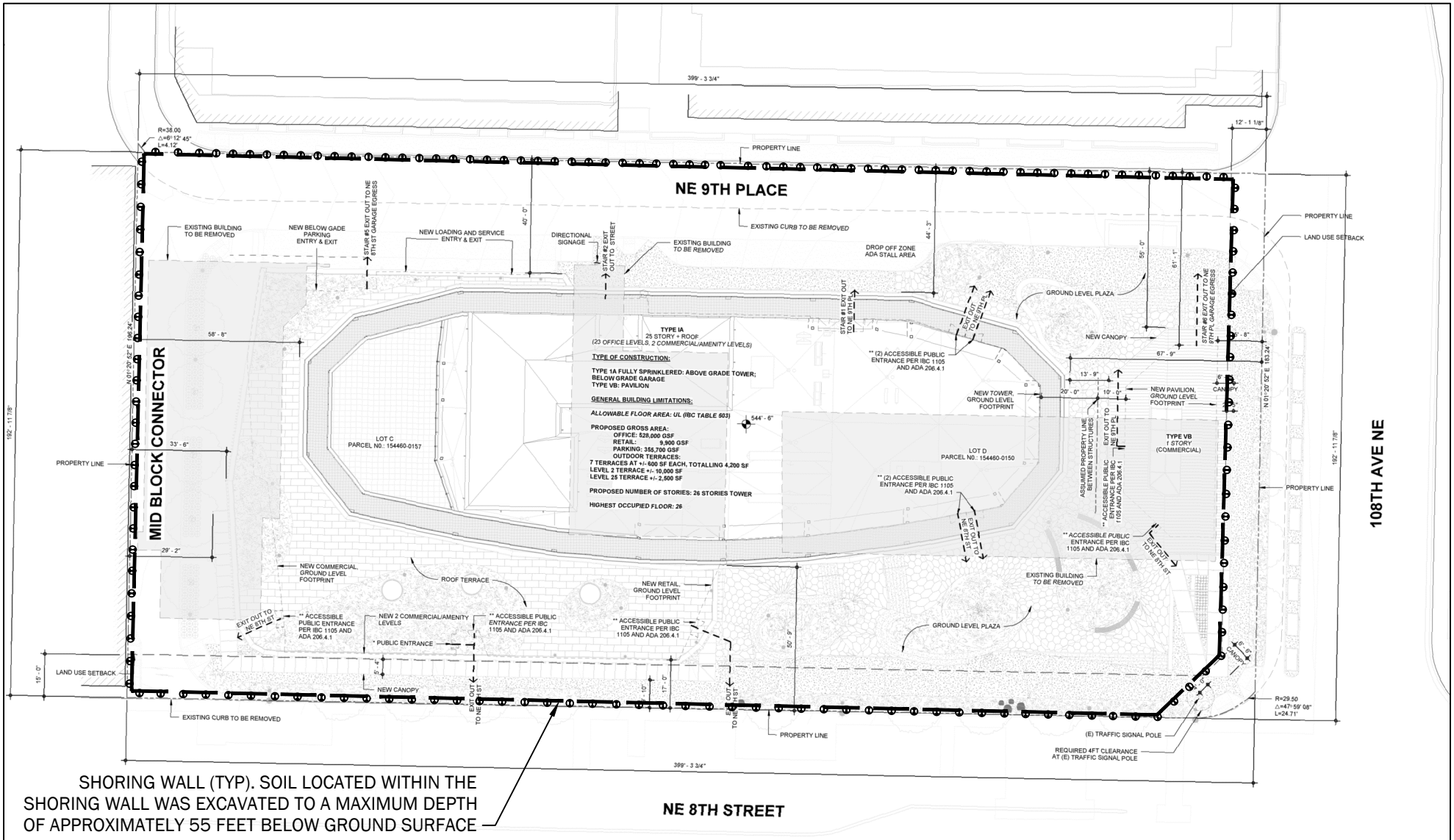
0 25 50 Feet

Site Plan

Groundwater Conditions Memo
Corner The Eight
Bellevue, WA

Aspect CONSULTING	NOV-2022	BY: ACO / NLK	FIGURE NO. 2
	PROJECT NO. 180587	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: EagleView Technologies, Inc.



SHORING WALL (TYP). SOIL LOCATED WITHIN THE SHORING WALL WAS EXCAVATED TO A MAXIMUM DEPTH OF APPROXIMATELY 55 FEET BELOW GROUND SURFACE

Source: Base map provided by BRH dated 5/20/2019

0 50 100 Feet

The Eight Building Construction Plan

Groundwater Conditions Memo

Corner the Eight

Bellevue, Washington

Aspect Consulting	Jan-2023	BY: ACO/JPR	FIGURE NO. 3
	PROJECT NO. 180587	REVISED BY: ACO	

CAD Path: Q:\Skanska 180587\180587-Figure 3.dwg Layout: 03 8.5x11 || Date Saved: 11/30/2022 12:46:57 PM || User: jreinhardt

Exploration

- Monitoring Well, Aspect 2022
- Monitoring Well, Farallon 2010

Groundwater Results

- Chlorinated solvents not detected in groundwater above laboratory reporting limit

- Subject Property
- King County Parcel Boundary

AMW-03 ← Exploration Name
149.10' ← Groundwater Elevation (NAVD88, ft)

N

0 10 20 Feet

The Nine Groundwater Analytical Results

Groundwater Conditions Memo
Corner The Eight
Bellevue, WA

Aspect CONSULTING	JAN-2023	BY: ACO / NLK	FIGURE NO. 4
	PROJECT NO. 180587	REVISED BY: ---/---	

Data source credits: None | | Basemap Service Layer Credits: EagleView Technologies, Inc.

APPENDIX A

929 Building Construction

DEVELOPER
TRAMMEL CROW NORTHWEST DEVELOPMENT, INC
600 UNIVERSITY STREET, SUITE 2912
SEATTLE, WASHINGTON 98101

CLYDE F. WRIGHT, AIA, VICE PRESIDENT - DEVELOPMENT
cwright@trammellcrow.com
206.708.6128

ARCHITECT
LMN ARCHITECTS
801 SECOND AVE, SUITE 501
SEATTLE, WASHINGTON 98104

MARK ARNOLD, AIA, ASSOCIATE
marnold@lmnarchitects.com
206.682.3460

GENERAL CONTRACTOR
LEASE CRUTCHER LEWIS
107 SPRING ST
SEATTLE, WASHINGTON 98104

JOE NEUENSCHWANDER
Joe.Neuenschwander@lewisbuilds.com
206.622.0500

LANDSCAPE
WEISMAN DESIGN GROUP
2329 E MADISON ST
SEATTLE, WASHINGTON 98112

ANDY RASMUSSEN, ASLA, PRINCIPAL
mark@wdginc.com
206.322.1732

CIVIL
DCI ENGINEERS
10900 NE FOURTH ST, SUITE 1200
BELLEVUE, WASHINGTON 98004

DARREN SIMPSON, PE, ASSOCIATE
dsimpson@dci-engineers.com
206.787.8917

STRUCTURAL
DCI ENGINEERS
818 STEWART ST, SUITE 1000
SEATTLE, WASHINGTON 98101

ROGER HEERINGA, PE, PRINCIPAL
rheeringa@dci-engineers.com
206.332.1900

MECHANICAL
HOLADAY-PARKS, INC
4600 S 134TH PLACE
SEATTLE, WASHINGTON 98168

MIKE GREENHECK
mikeg@holadayparks.com
206.248.9700

ELECTRICAL
VECA
5614 7TH AVE S, PO BOX 80467
SEATTLE, WASHINGTON 98108

BOB WITTY
bob.witty@veca.com
206.436.5229

FIRE PROTECTION
PATRIOT FIRE PROTECTION, INC.
2707 70TH AVE E
TACOMA, WASHINGTON 98424

MARGARET O'BRIEN
margieo@patriotfire.com
253.926.2290

VERTICAL TRANSPORTATION
LERCH BATES
19515 NORTH CREEK PARKWAY, SUITE 214
BOTHELL, WASHINGTON 98108

STEVE MIKKELSEN
steve.mikkelsen@lerchbates.com
425.205.2205

BUILDING ENCLOSURE CONSULTANT
RDH BUILDING SCIENCES, INC.
2101 N 34TH STREET #150
SEATTLE, WASHINGTON 98103

ROBERT BOMBINO
rbombino@rdhbe.com
206.324.2272

ACOUSTICAL ENGINEER
SPARLING
4100 194TH STREET SW, SUITE 400
LYNNWOOD, WASHINGTON 98036

JEANETTE HESEDAHL
jhesedahl@sparling.com
206.224.3672

LIGHTING DESIGN
LUMA LIGHTING DESIGN
522 SW 5TH AVE., SUITE 1500
PORTLAND, OREGON 97204

ZACH SUCHARA
zachs@lumald.com
503.226.3905

BELLEVUE OFFICE TOWER

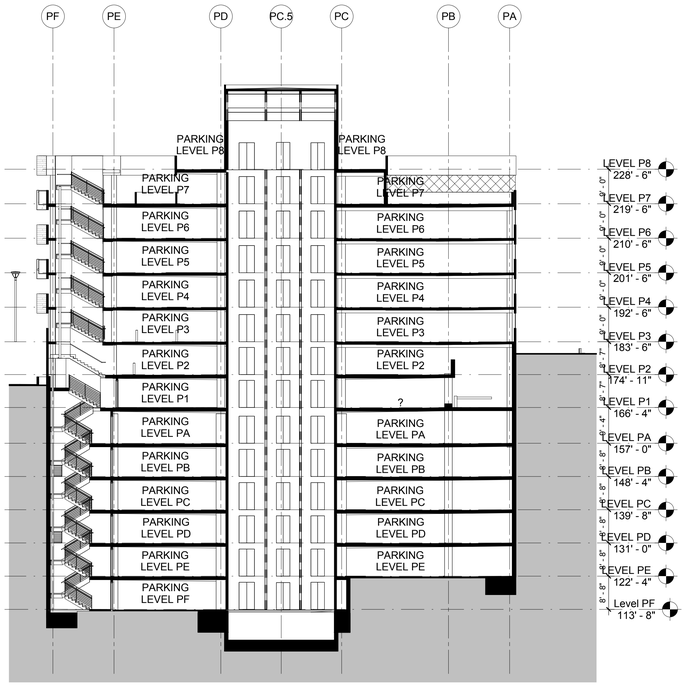
929 108TH AVE NE
BELLEVUE, WASHINGTON

OPEN PARKING GARAGE PERMIT SET 03/14/2014

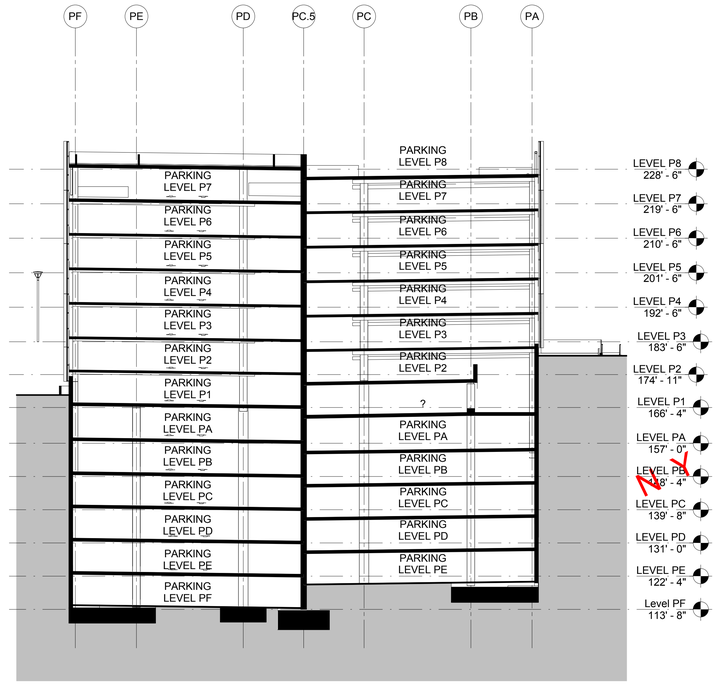
ISSUED 08/29/2014

GENERAL NOTES

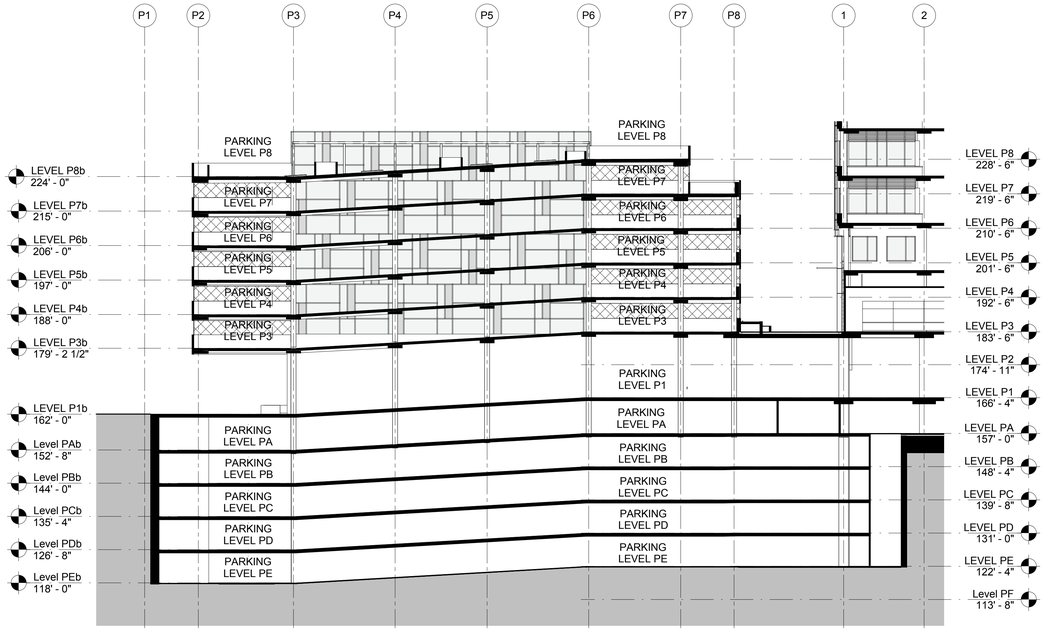
1. AT ALL PARKING LEVELS, A MINIMUM CLEAR HEADROOM HEIGHT OF 7 FEET MUST BE PROVIDED BELOW ALL BUT NOT EXCLUSIVE TO THE FOLLOWING SYSTEMS :
   PLUMBING DRAIN LINES
   STORM DRAIN OR SEWER LINES
   LIGHT FIXTURES AND CONDUIT
   EXIT AND DIRECTIONAL SIGNAGE
   SPRINKLER MAINS AND BRANCH LINES WITH SLOPE TO DRAIN



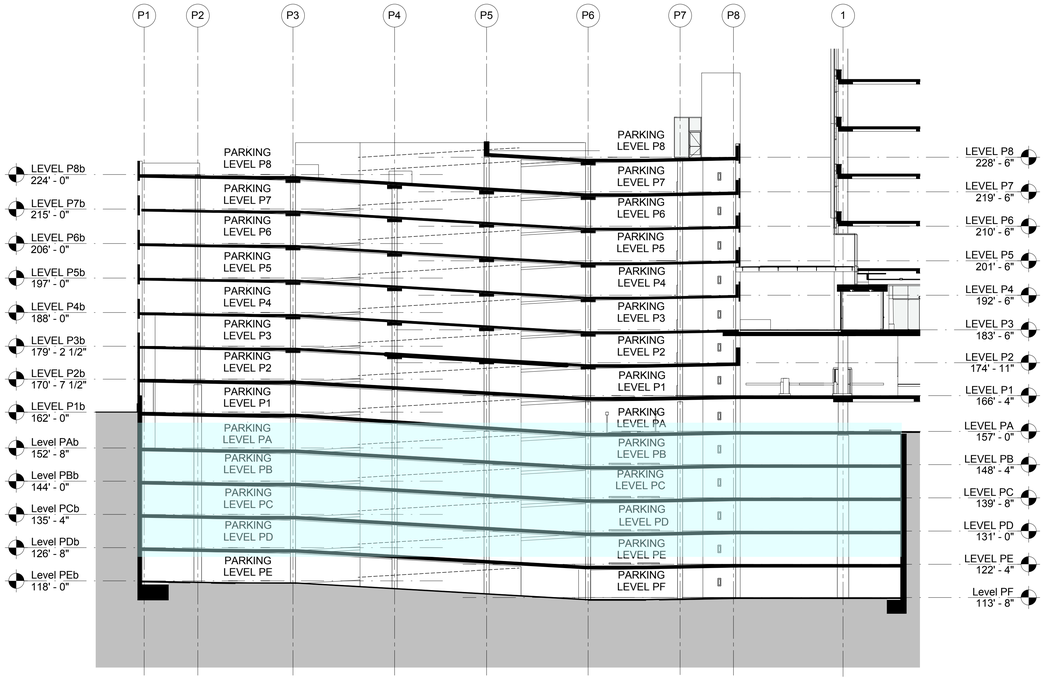
1 A402 BUILDING SECTION @ ELEVATORS
1/16" = 1'-0"



2 A402 BUILDING SECTION @ RAMPS
1/16" = 1'-0"



3 A402 BUILDING SECTION @ SERVICE EXIT
1/16" = 1'-0"



4 A402 BUILDING SECTION @ SOUTH RAMP
1/16" = 1'-0"

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TrammellCrowCompany

LMN Architecture Urban Design Interiors
801 Second Avenue, Suite 501
Seattle, Washington 98104
T 206 682 3460
F 206 343 9388
www.lmnarchitects.com

4472 REGISTERED ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

BELLEVUE OFFICE TOWER

929 108th Ave NE **Bellevue, Washington**

Submittal

OPEN PARKING GARAGE PERMIT SET

Revisions

No.	Date	By	Description
A	03.12.2014		Below Grade Permit Comment Revisions

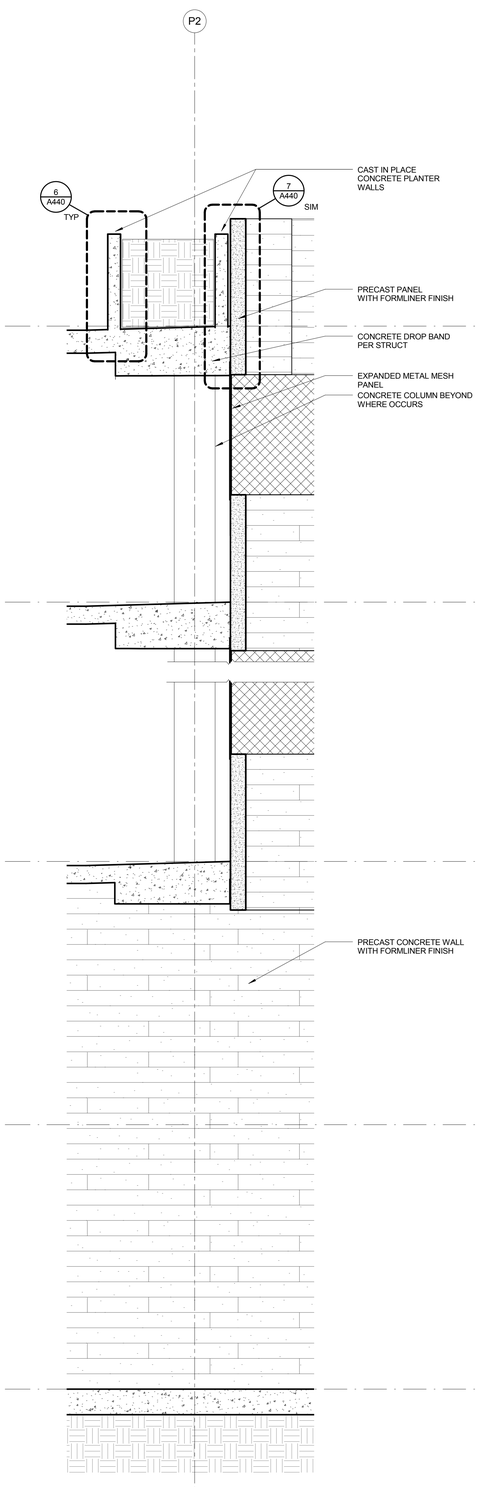
Drawn Author
Checked Checker
LMN Proj No 13018
Date 03.14.2014

Sheet Title: BUILDING SECTIONS - PARKING GARAGE

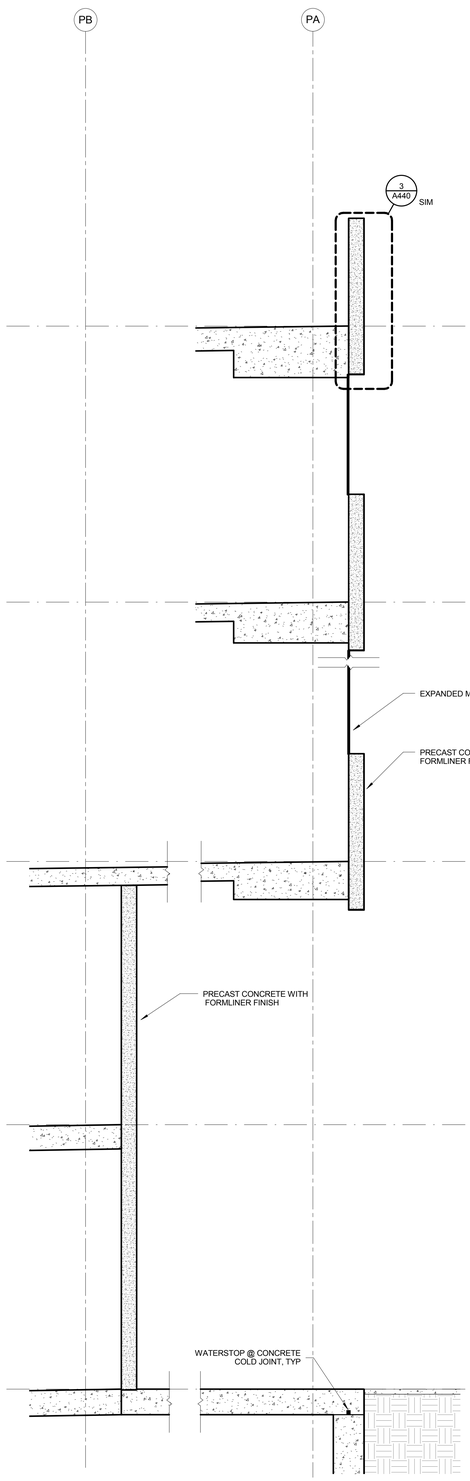
Sheet Number: A402

E

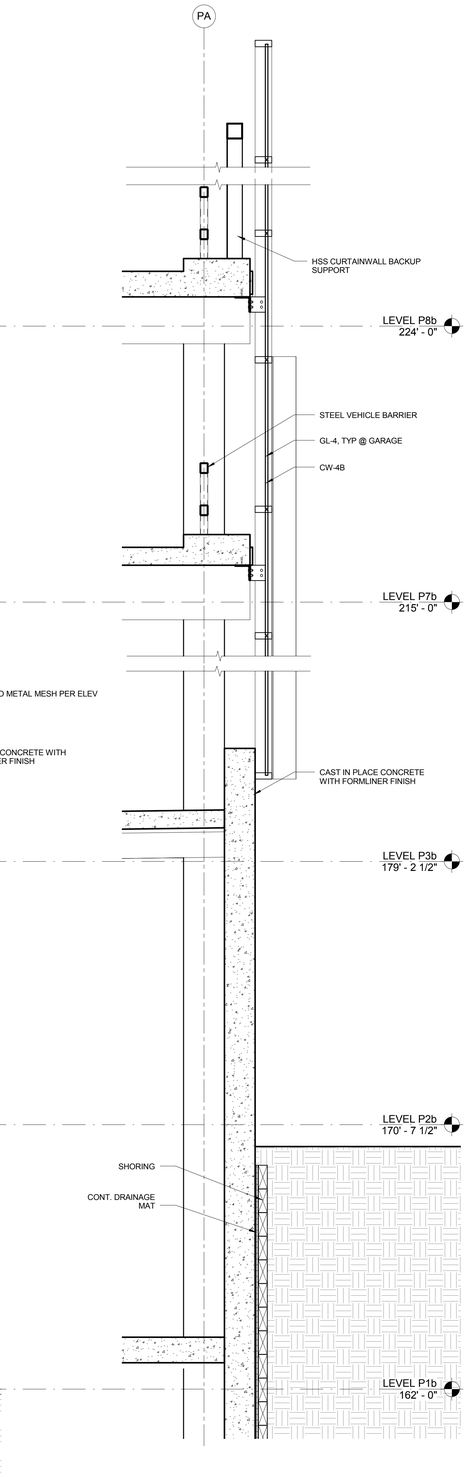
ISSUED 08/29/2014



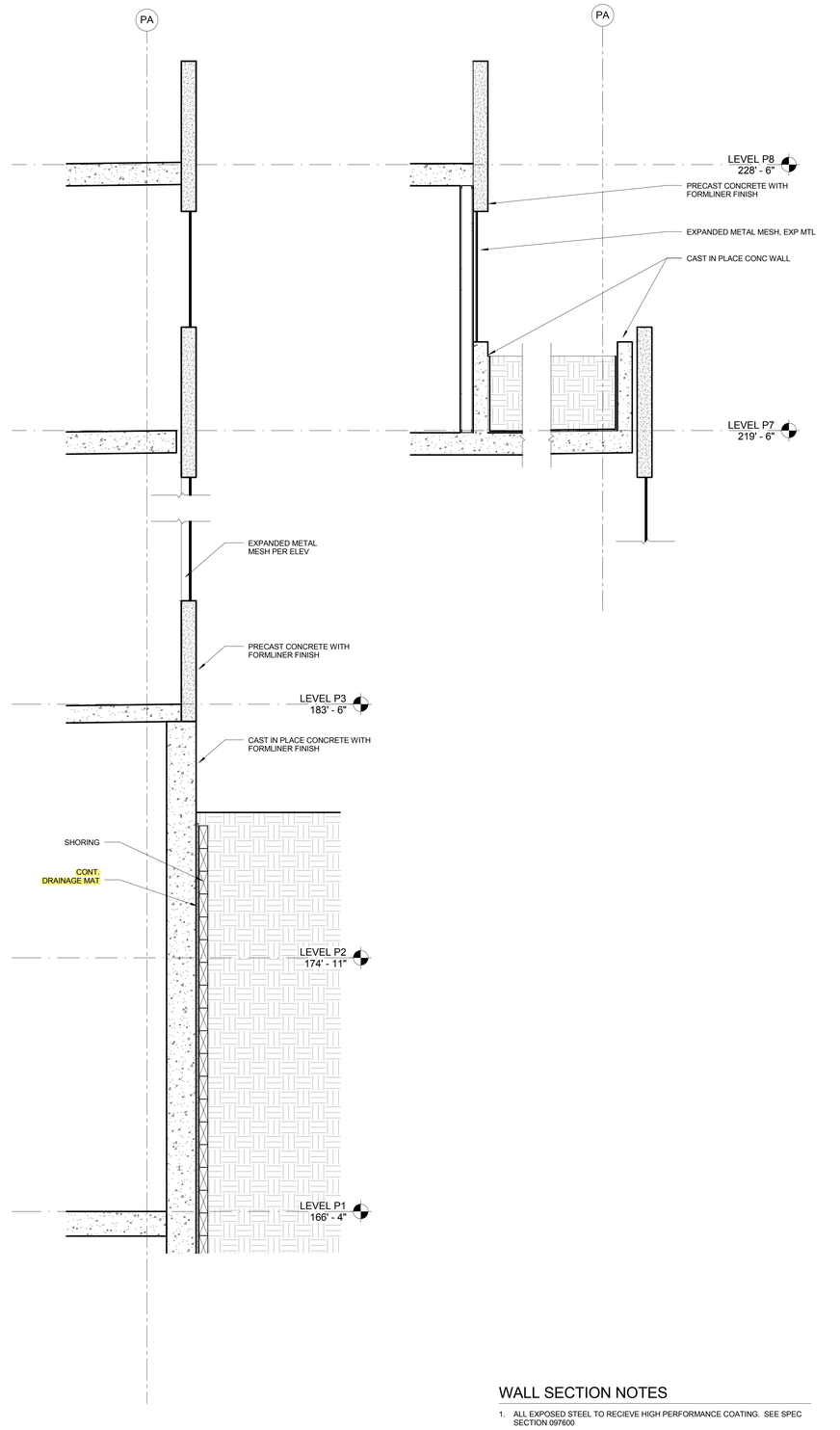
1 A420 WALL SECTION @ GARAGE ENTRANCE
1/2" = 1'-0"



2 A420 WALL SECTION @ GARAGE (NW)
1/2" = 1'-0"



3 A420 WALL SECTION @ CW TYPE 4B
1/2" = 1'-0"



4 A420 WALL SECTION @ GARAGE (NE)
1/2" = 1'-0"

WALL SECTION NOTES

1. ALL EXPOSED STEEL TO RECIEVE HIGH PERFORMANCE COATING. SEE SPEC SECTION 097600
2. ALL PRECAST PANELS AND CONNECTIONS DESIGNED BY BIDDER TO WITHSTAND CODE REQUIRED CRASH BARRIER LOADS

PLAN NORTH

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Trammell Crow Company

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801 Second Avenue, Suite 501
Seattle, Washington 98104
T 206 682 3460
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Submittal

OPEN PARKING GARAGE PERMIT SET

Revisions

No.	Date	By	Description

Drawn	Author
Checked	Checker
LMN Proj No	13018
Date	03.14.2014

Sheet Title: WALL SECTIONS - PARKING GARAGE

Sheet Number: A420

ISSUED 08/29/2014

APPENDIX B

Laboratory Analytical Results

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Jessica Smith
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: 10620 NE 8th
Work Order Number: 2203206

March 09, 2022

Attention Jessica Smith:

Fremont Analytical, Inc. received 7 sample(s) on 3/7/2022 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Dissolved Mercury by EPA Method 245.1
Dissolved Metals by EPA Method 200.8
Gasoline by NWTPH-Gx
Mercury by EPA Method 245.1
Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original

Date: *03/09/2022*

CLIENT: Aspect Consulting
Project: 10620 NE 8th
Work Order: 2203206

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2203206-001	AMW-01D-03072022	03/07/2022 10:05 AM	03/07/2022 4:28 PM
2203206-002	AMW-01S-03072022	03/07/2022 11:55 AM	03/07/2022 4:28 PM
2203206-003	AMW-09-03072022	03/07/2022 11:55 AM	03/07/2022 4:28 PM
2203206-004	AMW-02-03072022	03/07/2022 1:05 PM	03/07/2022 4:28 PM
2203206-005	AMW-08-03072022	03/07/2022 1:40 PM	03/07/2022 4:28 PM
2203206-006	AMW-03-03072022	03/07/2022 2:05 PM	03/07/2022 4:28 PM
2203206-007	AMW-04-03072022	03/07/2022 3:10 PM	03/07/2022 4:28 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2203206**
Date: **3/9/2022**

CLIENT: Aspect Consulting
Project: 10620 NE 8th

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 10:05:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-001
Matrix: Water
Client Sample ID: AMW-01D-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	118		µg/L	1	3/9/2022 12:16:44 PM
Heavy Oil	ND	118		µg/L	1	3/9/2022 12:16:44 PM
Total Petroleum Hydrocarbons	ND	235		µg/L	1	3/9/2022 12:16:44 PM
Surr: 2-Fluorobiphenyl	73.2	50 - 150		%Rec	1	3/9/2022 12:16:44 PM
Surr: o-Terphenyl	61.6	50 - 150		%Rec	1	3/9/2022 12:16:44 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/8/2022 9:49:10 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	3/8/2022 9:49:10 PM
Surr: 4-Bromofluorobenzene	97.1	65 - 135		%Rec	1	3/8/2022 9:49:10 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 11:54:19 AM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 11:54:19 AM
Vinyl chloride	ND	0.200		µg/L	1	3/8/2022 9:49:10 PM
Bromomethane	ND	1.20		µg/L	1	3/8/2022 9:49:10 PM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Chloroethane	ND	1.00		µg/L	1	3/8/2022 9:49:10 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Acetone	ND	6.00		µg/L	1	3/9/2022 11:54:19 AM
Methylene chloride	ND	0.750		µg/L	1	3/8/2022 9:49:10 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 11:54:19 AM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 11:54:19 AM
Chloroform	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/8/2022 9:49:10 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Carbon tetrachloride	ND	0.750		µg/L	1	3/8/2022 9:49:10 PM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/8/2022 9:49:10 PM
Benzene	ND	0.440		µg/L	1	3/8/2022 9:49:10 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Dibromomethane	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 10:05:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-001
Matrix: Water
Client Sample ID: AMW-01D-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/8/2022 9:49:10 PM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 11:54:19 AM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 11:54:19 AM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/8/2022 9:49:10 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/8/2022 9:49:10 PM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 11:54:19 AM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/8/2022 9:49:10 PM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 11:54:19 AM
Chlorobenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/8/2022 9:49:10 PM
Ethylbenzene	ND	0.400		µg/L	1	3/8/2022 9:49:10 PM
m,p-Xylene	ND	1.00		µg/L	1	3/8/2022 9:49:10 PM
o-Xylene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Styrene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 11:54:19 AM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/8/2022 9:49:10 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Bromobenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/8/2022 9:49:10 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 11:54:19 AM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/8/2022 9:49:10 PM
sec-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 11:54:19 AM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/8/2022 9:49:10 PM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 11:54:19 AM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/8/2022 9:49:10 PM
Surr: Dibromofluoromethane	98.5	80 - 120		%Rec	1	3/8/2022 9:49:10 PM
Surr: Toluene-d8	98.1	80 - 120		%Rec	1	3/8/2022 9:49:10 PM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 10:05:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-001
Matrix: Water
Client Sample ID: AMW-01D-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	96.8	80 - 120		%Rec	1	3/8/2022 9:49:10 PM
NOTES:						
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35653		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:03:19 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:16:04 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	5.24	1.00		µg/L	1	3/9/2022 12:34:51 PM
Barium	27.0	1.50		µg/L	1	3/9/2022 12:34:51 PM
Cadmium	ND	0.125		µg/L	1	3/9/2022 12:34:51 PM
Chromium	ND	0.750		µg/L	1	3/9/2022 12:34:51 PM
Lead	ND	0.500		µg/L	1	3/9/2022 12:34:51 PM
Selenium	ND	1.90		µg/L	1	3/9/2022 12:34:51 PM
Silver	ND	0.350		µg/L	1	3/9/2022 12:34:51 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	5.72	1.00		µg/L	1	3/8/2022 1:15:17 PM
Barium	38.5	2.50		µg/L	1	3/8/2022 1:15:17 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:15:17 PM
Chromium	4.55	1.00		µg/L	1	3/8/2022 1:15:17 PM
Lead	0.858	0.500		µg/L	1	3/8/2022 1:15:17 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:15:17 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:15:17 PM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-002
Matrix: Water
Client Sample ID: AMW-01S-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	119		µg/L	1	3/9/2022 12:27:44 PM
Heavy Oil	471	119		µg/L	1	3/9/2022 12:27:44 PM
Total Petroleum Hydrocarbons	471	237		µg/L	1	3/9/2022 12:27:44 PM
Surr: 2-Fluorobiphenyl	82.6	50 - 150		%Rec	1	3/9/2022 12:27:44 PM
Surr: o-Terphenyl	88.0	50 - 150		%Rec	1	3/9/2022 12:27:44 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/8/2022 10:20:08 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	3/8/2022 10:20:08 PM
Surr: 4-Bromofluorobenzene	96.9	65 - 135		%Rec	1	3/8/2022 10:20:08 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 12:25:11 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 12:25:11 PM
Vinyl chloride	ND	0.200		µg/L	1	3/8/2022 10:20:08 PM
Bromomethane	ND	1.20		µg/L	1	3/8/2022 10:20:08 PM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Chloroethane	ND	1.00		µg/L	1	3/8/2022 10:20:08 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Acetone	ND	6.00		µg/L	1	3/9/2022 12:25:11 PM
Methylene chloride	ND	0.750		µg/L	1	3/8/2022 10:20:08 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 12:25:11 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 12:25:11 PM
Chloroform	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/8/2022 10:20:08 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Carbon tetrachloride	ND	0.750		µg/L	1	3/8/2022 10:20:08 PM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/8/2022 10:20:08 PM
Benzene	ND	0.440		µg/L	1	3/8/2022 10:20:08 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Dibromomethane	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-002
Matrix: Water
Client Sample ID: AMW-01S-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/8/2022 10:20:08 PM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 12:25:11 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 12:25:11 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/8/2022 10:20:08 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/8/2022 10:20:08 PM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 12:25:11 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/8/2022 10:20:08 PM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 12:25:11 PM
Chlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/8/2022 10:20:08 PM
Ethylbenzene	ND	0.400		µg/L	1	3/8/2022 10:20:08 PM
m,p-Xylene	ND	1.00		µg/L	1	3/8/2022 10:20:08 PM
o-Xylene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Styrene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 12:25:11 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/8/2022 10:20:08 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Bromobenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/8/2022 10:20:08 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 12:25:11 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/8/2022 10:20:08 PM
sec-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 12:25:11 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/8/2022 10:20:08 PM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 12:25:11 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/8/2022 10:20:08 PM
Surr: Dibromofluoromethane	100	80 - 120		%Rec	1	3/8/2022 10:20:08 PM
Surr: Toluene-d8	97.5	80 - 120		%Rec	1	3/8/2022 10:20:08 PM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-002
Matrix: Water
Client Sample ID: AMW-01S-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	96.6	80 - 120		%Rec	1	3/8/2022 10:20:08 PM
NOTES:						
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35653		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:05:01 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:17:47 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	2.60	1.00		µg/L	1	3/9/2022 12:40:20 PM
Barium	10.8	1.50		µg/L	1	3/9/2022 12:40:20 PM
Cadmium	ND	0.125		µg/L	1	3/9/2022 12:40:20 PM
Chromium	ND	0.750		µg/L	1	3/9/2022 12:40:20 PM
Lead	ND	0.500		µg/L	1	3/9/2022 12:40:20 PM
Selenium	ND	1.90		µg/L	1	3/9/2022 12:40:20 PM
Silver	ND	0.350		µg/L	1	3/9/2022 12:40:20 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	2.79	1.00		µg/L	1	3/8/2022 1:23:35 PM
Barium	11.9	2.50		µg/L	1	3/8/2022 1:23:35 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:23:35 PM
Chromium	1.08	1.00		µg/L	1	3/8/2022 1:23:35 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:23:35 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:23:35 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:23:35 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-003
Matrix: Water
Client Sample ID: AMW-09-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	117		µg/L	1	3/9/2022 12:38:48 PM
Heavy Oil	531	117		µg/L	1	3/9/2022 12:38:48 PM
Total Petroleum Hydrocarbons	531	234		µg/L	1	3/9/2022 12:38:48 PM
Surr: 2-Fluorobiphenyl	85.6	50 - 150		%Rec	1	3/9/2022 12:38:48 PM
Surr: o-Terphenyl	92.1	50 - 150		%Rec	1	3/9/2022 12:38:48 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/8/2022 10:50:59 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	3/8/2022 10:50:59 PM
Surr: 4-Bromofluorobenzene	97.1	65 - 135		%Rec	1	3/8/2022 10:50:59 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 12:56:07 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 12:56:07 PM
Vinyl chloride	ND	0.200		µg/L	1	3/8/2022 10:50:59 PM
Bromomethane	ND	1.20		µg/L	1	3/8/2022 10:50:59 PM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Chloroethane	ND	1.00		µg/L	1	3/8/2022 10:50:59 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Acetone	ND	6.00		µg/L	1	3/9/2022 12:56:07 PM
Methylene chloride	ND	0.750		µg/L	1	3/8/2022 10:50:59 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 12:56:07 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 12:56:07 PM
Chloroform	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/8/2022 10:50:59 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Carbon tetrachloride	ND	0.750		µg/L	1	3/8/2022 10:50:59 PM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/8/2022 10:50:59 PM
Benzene	ND	0.440		µg/L	1	3/8/2022 10:50:59 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Dibromomethane	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-003
Matrix: Water
Client Sample ID: AMW-09-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/8/2022 10:50:59 PM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 12:56:07 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 12:56:07 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/8/2022 10:50:59 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/8/2022 10:50:59 PM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 12:56:07 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/8/2022 10:50:59 PM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 12:56:07 PM
Chlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/8/2022 10:50:59 PM
Ethylbenzene	ND	0.400		µg/L	1	3/8/2022 10:50:59 PM
m,p-Xylene	ND	1.00		µg/L	1	3/8/2022 10:50:59 PM
o-Xylene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Styrene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 12:56:07 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/8/2022 10:50:59 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Bromobenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/8/2022 10:50:59 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 12:56:07 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/8/2022 10:50:59 PM
sec-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 12:56:07 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/8/2022 10:50:59 PM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 12:56:07 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/8/2022 10:50:59 PM
Surr: Dibromofluoromethane	98.1	80 - 120		%Rec	1	3/8/2022 10:50:59 PM
Surr: Toluene-d8	98.8	80 - 120		%Rec	1	3/8/2022 10:50:59 PM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 11:55:00 AM
Project: 10620 NE 8th
Lab ID: 2203206-003
Matrix: Water
Client Sample ID: AMW-09-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	96.7	80 - 120		%Rec	1	3/8/2022 10:50:59 PM
NOTES:						
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35653		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:06:43 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:19:28 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	1.03	1.00		µg/L	1	3/8/2022 10:20:35 PM
Barium	20.4	1.50		µg/L	1	3/8/2022 10:20:35 PM
Cadmium	ND	0.125		µg/L	1	3/8/2022 10:20:35 PM
Chromium	1.17	0.750		µg/L	1	3/8/2022 10:20:35 PM
Lead	ND	0.500		µg/L	1	3/8/2022 10:20:35 PM
Selenium	ND	1.90		µg/L	1	3/8/2022 10:20:35 PM
Silver	ND	0.350		µg/L	1	3/8/2022 10:20:35 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	1.03	1.00		µg/L	1	3/8/2022 1:26:19 PM
Barium	22.1	2.50		µg/L	1	3/8/2022 1:26:19 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:26:19 PM
Chromium	3.56	1.00		µg/L	1	3/8/2022 1:26:19 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:26:19 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:26:19 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:26:19 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 1:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-004
Matrix: Water
Client Sample ID: AMW-02-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	118		µg/L	1	3/9/2022 12:49:53 PM
Heavy Oil	ND	118		µg/L	1	3/9/2022 12:49:53 PM
Total Petroleum Hydrocarbons	ND	236		µg/L	1	3/9/2022 12:49:53 PM
Surr: 2-Fluorobiphenyl	91.8	50 - 150		%Rec	1	3/9/2022 12:49:53 PM
Surr: o-Terphenyl	94.2	50 - 150		%Rec	1	3/9/2022 12:49:53 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/8/2022 11:21:50 PM
Surr: Toluene-d8	103	65 - 135		%Rec	1	3/8/2022 11:21:50 PM
Surr: 4-Bromofluorobenzene	97.6	65 - 135		%Rec	1	3/8/2022 11:21:50 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 1:27:00 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 1:27:00 PM
Vinyl chloride	ND	0.200		µg/L	1	3/8/2022 11:21:50 PM
Bromomethane	ND	1.20		µg/L	1	3/8/2022 11:21:50 PM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Chloroethane	ND	1.00		µg/L	1	3/8/2022 11:21:50 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Acetone	ND	6.00		µg/L	1	3/9/2022 1:27:00 PM
Methylene chloride	1.29	0.750		µg/L	1	3/8/2022 11:21:50 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 1:27:00 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 1:27:00 PM
Chloroform	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/8/2022 11:21:50 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Carbon tetrachloride	ND	0.750		µg/L	1	3/8/2022 11:21:50 PM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/8/2022 11:21:50 PM
Benzene	ND	0.440		µg/L	1	3/8/2022 11:21:50 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Dibromomethane	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 1:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-004
Matrix: Water
Client Sample ID: AMW-02-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/8/2022 11:21:50 PM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 1:27:00 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 1:27:00 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/8/2022 11:21:50 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/8/2022 11:21:50 PM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 1:27:00 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/8/2022 11:21:50 PM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 1:27:00 PM
Chlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/8/2022 11:21:50 PM
Ethylbenzene	ND	0.400		µg/L	1	3/8/2022 11:21:50 PM
m,p-Xylene	ND	1.00		µg/L	1	3/8/2022 11:21:50 PM
o-Xylene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Styrene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 1:27:00 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/8/2022 11:21:50 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Bromobenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/8/2022 11:21:50 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 1:27:00 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/8/2022 11:21:50 PM
sec-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 1:27:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/8/2022 11:21:50 PM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 1:27:00 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/8/2022 11:21:50 PM
Surr: Dibromofluoromethane	99.2	80 - 120		%Rec	1	3/8/2022 11:21:50 PM
Surr: Toluene-d8	98.0	80 - 120		%Rec	1	3/8/2022 11:21:50 PM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 1:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-004
Matrix: Water
Client Sample ID: AMW-02-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	97.2	80 - 120		%Rec	1	3/8/2022 11:21:50 PM
NOTES:						
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35640		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:08:24 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:21:09 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	2.39	1.00		µg/L	1	3/8/2022 10:24:18 PM
Barium	2.03	1.50		µg/L	1	3/8/2022 10:24:18 PM
Cadmium	ND	0.125		µg/L	1	3/8/2022 10:24:18 PM
Chromium	1.61	0.750		µg/L	1	3/8/2022 10:24:18 PM
Lead	ND	0.500		µg/L	1	3/8/2022 10:24:18 PM
Selenium	ND	1.90		µg/L	1	3/8/2022 10:24:18 PM
Silver	ND	0.350		µg/L	1	3/8/2022 10:24:18 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	2.56	1.00		µg/L	1	3/8/2022 1:31:47 PM
Barium	ND	2.50		µg/L	1	3/8/2022 1:31:47 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:31:47 PM
Chromium	3.45	1.00		µg/L	1	3/8/2022 1:31:47 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:31:47 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:31:47 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:31:47 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 1:40:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-005
Matrix: Water
Client Sample ID: AMW-08-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	118		µg/L	1	3/9/2022 1:01:02 PM
Heavy Oil	ND	118		µg/L	1	3/9/2022 1:01:02 PM
Total Petroleum Hydrocarbons	ND	237		µg/L	1	3/9/2022 1:01:02 PM
Surr: 2-Fluorobiphenyl	83.8	50 - 150		%Rec	1	3/9/2022 1:01:02 PM
Surr: o-Terphenyl	86.7	50 - 150		%Rec	1	3/9/2022 1:01:02 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/8/2022 11:52:37 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	3/8/2022 11:52:37 PM
Surr: 4-Bromofluorobenzene	97.4	65 - 135		%Rec	1	3/8/2022 11:52:37 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 1:58:00 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 1:58:00 PM
Vinyl chloride	ND	0.200		µg/L	1	3/8/2022 11:52:37 PM
Bromomethane	ND	1.20		µg/L	1	3/8/2022 11:52:37 PM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Chloroethane	ND	1.00		µg/L	1	3/8/2022 11:52:37 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Acetone	ND	6.00		µg/L	1	3/9/2022 1:58:00 PM
Methylene chloride	1.02	0.750		µg/L	1	3/8/2022 11:52:37 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 1:58:00 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 1:58:00 PM
Chloroform	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/8/2022 11:52:37 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Carbon tetrachloride	ND	0.750		µg/L	1	3/8/2022 11:52:37 PM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/8/2022 11:52:37 PM
Benzene	ND	0.440		µg/L	1	3/8/2022 11:52:37 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Dibromomethane	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 1:40:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-005
Matrix: Water
Client Sample ID: AMW-08-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/8/2022 11:52:37 PM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 1:58:00 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 1:58:00 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/8/2022 11:52:37 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/8/2022 11:52:37 PM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 1:58:00 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/8/2022 11:52:37 PM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 1:58:00 PM
Chlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/8/2022 11:52:37 PM
Ethylbenzene	ND	0.400		µg/L	1	3/8/2022 11:52:37 PM
m,p-Xylene	ND	1.00		µg/L	1	3/8/2022 11:52:37 PM
o-Xylene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Styrene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 1:58:00 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/8/2022 11:52:37 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Bromobenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/8/2022 11:52:37 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 1:58:00 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/8/2022 11:52:37 PM
sec-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 1:58:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/8/2022 11:52:37 PM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 1:58:00 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/8/2022 11:52:37 PM
Surr: Dibromofluoromethane	98.7	80 - 120		%Rec	1	3/8/2022 11:52:37 PM
Surr: Toluene-d8	98.4	80 - 120		%Rec	1	3/8/2022 11:52:37 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 1:40:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-005
Matrix: Water
Client Sample ID: AMW-08-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	97.0	80 - 120		%Rec	1	3/8/2022 11:52:37 PM

NOTES:
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.

Mercury by EPA Method 245.1				Batch ID: 35640		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:10:05 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:22:50 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	ND	1.00		µg/L	1	3/9/2022 12:45:49 PM
Barium	7.93	1.50		µg/L	1	3/9/2022 12:45:49 PM
Cadmium	ND	0.125		µg/L	1	3/9/2022 12:45:49 PM
Chromium	1.49	0.750		µg/L	1	3/9/2022 12:45:49 PM
Lead	ND	0.500		µg/L	1	3/9/2022 12:45:49 PM
Selenium	ND	1.90		µg/L	1	3/9/2022 12:45:49 PM
Silver	ND	0.350		µg/L	1	3/9/2022 12:45:49 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	ND	1.00		µg/L	1	3/8/2022 1:34:30 PM
Barium	7.93	2.50		µg/L	1	3/8/2022 1:34:30 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:34:30 PM
Chromium	2.70	1.00		µg/L	1	3/8/2022 1:34:30 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:34:30 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:34:30 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:34:30 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 2:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-006
Matrix: Water
Client Sample ID: AMW-03-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	119		µg/L	1	3/9/2022 1:12:01 PM
Heavy Oil	298	119		µg/L	1	3/9/2022 1:12:01 PM
Total Petroleum Hydrocarbons	298	238		µg/L	1	3/9/2022 1:12:01 PM
Surr: 2-Fluorobiphenyl	86.1	50 - 150		%Rec	1	3/9/2022 1:12:01 PM
Surr: o-Terphenyl	88.0	50 - 150		%Rec	1	3/9/2022 1:12:01 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/9/2022 12:23:30 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	3/9/2022 12:23:30 AM
Surr: 4-Bromofluorobenzene	97.5	65 - 135		%Rec	1	3/9/2022 12:23:30 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 2:29:02 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 2:29:02 PM
Vinyl chloride	ND	0.200		µg/L	1	3/9/2022 12:23:30 AM
Bromomethane	ND	1.20		µg/L	1	3/9/2022 12:23:30 AM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Chloroethane	ND	1.00		µg/L	1	3/9/2022 12:23:30 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Acetone	ND	6.00		µg/L	1	3/9/2022 2:29:02 PM
Methylene chloride	0.958	0.750		µg/L	1	3/9/2022 12:23:30 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 2:29:02 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 2:29:02 PM
Chloroform	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/9/2022 12:23:30 AM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Carbon tetrachloride	ND	0.750		µg/L	1	3/9/2022 12:23:30 AM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/9/2022 12:23:30 AM
Benzene	ND	0.440		µg/L	1	3/9/2022 12:23:30 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Dibromomethane	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM

Client: Aspect Consulting
Collection Date: 3/7/2022 2:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-006
Matrix: Water
Client Sample ID: AMW-03-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/9/2022 12:23:30 AM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 2:29:02 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 2:29:02 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/9/2022 12:23:30 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/9/2022 12:23:30 AM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 2:29:02 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/9/2022 12:23:30 AM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 2:29:02 PM
Chlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/9/2022 12:23:30 AM
Ethylbenzene	ND	0.400		µg/L	1	3/9/2022 12:23:30 AM
m,p-Xylene	ND	1.00		µg/L	1	3/9/2022 12:23:30 AM
o-Xylene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Styrene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 2:29:02 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/9/2022 12:23:30 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Bromobenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/9/2022 12:23:30 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 2:29:02 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/9/2022 12:23:30 AM
sec-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 2:29:02 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/9/2022 12:23:30 AM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 2:29:02 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/9/2022 12:23:30 AM
Surr: Dibromofluoromethane	98.6	80 - 120		%Rec	1	3/9/2022 12:23:30 AM
Surr: Toluene-d8	98.5	80 - 120		%Rec	1	3/9/2022 12:23:30 AM

Client: Aspect Consulting
Collection Date: 3/7/2022 2:05:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-006
Matrix: Water
Client Sample ID: AMW-03-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	97.2	80 - 120		%Rec	1	3/9/2022 12:23:30 AM
NOTES: Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35640		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:11:47 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:27:55 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	1.37	1.00		µg/L	1	3/8/2022 10:31:46 PM
Barium	10.1	1.50		µg/L	1	3/8/2022 10:31:46 PM
Cadmium	ND	0.125		µg/L	1	3/8/2022 10:31:46 PM
Chromium	1.68	0.750		µg/L	1	3/8/2022 10:31:46 PM
Lead	ND	0.500		µg/L	1	3/8/2022 10:31:46 PM
Selenium	ND	1.90		µg/L	1	3/8/2022 10:31:46 PM
Silver	ND	0.350		µg/L	1	3/8/2022 10:31:46 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	1.08	1.00		µg/L	1	3/8/2022 1:37:14 PM
Barium	9.67	2.50		µg/L	1	3/8/2022 1:37:14 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:37:14 PM
Chromium	3.39	1.00		µg/L	1	3/8/2022 1:37:14 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:37:14 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:37:14 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:37:14 PM

Client: Aspect Consulting
Collection Date: 3/7/2022 3:10:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-007
Matrix: Water
Client Sample ID: AMW-04-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 35646		Analyst: SB
Diesel (Fuel Oil)	ND	117		µg/L	1	3/9/2022 1:23:00 PM
Heavy Oil	ND	117		µg/L	1	3/9/2022 1:23:00 PM
Total Petroleum Hydrocarbons	ND	233		µg/L	1	3/9/2022 1:23:00 PM
Surr: 2-Fluorobiphenyl	81.0	50 - 150		%Rec	1	3/9/2022 1:23:00 PM
Surr: o-Terphenyl	90.6	50 - 150		%Rec	1	3/9/2022 1:23:00 PM
Gasoline by NWTPH-Gx				Batch ID: 35642		Analyst: TN
Gasoline	ND	50.0		µg/L	1	3/9/2022 12:54:15 AM
Surr: Toluene-d8	103	65 - 135		%Rec	1	3/9/2022 12:54:15 AM
Surr: 4-Bromofluorobenzene	97.8	65 - 135		%Rec	1	3/9/2022 12:54:15 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Dichlorodifluoromethane (CFC-12)	ND	1.25		µg/L	1	3/9/2022 3:00:04 PM
Chloromethane	ND	0.750		µg/L	1	3/9/2022 3:00:04 PM
Vinyl chloride	ND	0.200		µg/L	1	3/9/2022 12:54:15 AM
Bromomethane	ND	1.20		µg/L	1	3/9/2022 12:54:15 AM
Trichlorofluoromethane (CFC-11)	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Chloroethane	ND	1.00		µg/L	1	3/9/2022 12:54:15 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Acetone	ND	6.00		µg/L	1	3/9/2022 3:00:04 PM
Methylene chloride	3.34	0.750		µg/L	1	3/9/2022 12:54:15 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	1	3/9/2022 3:00:04 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
2-Butanone (MEK)	ND	1.50		µg/L	1	3/9/2022 3:00:04 PM
Chloroform	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,1,1-Trichloroethane (TCA)	ND	0.400		µg/L	1	3/9/2022 12:54:15 AM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Carbon tetrachloride	ND	0.750		µg/L	1	3/9/2022 12:54:15 AM
1,2-Dichloroethane (EDC)	ND	0.400		µg/L	1	3/9/2022 12:54:15 AM
Benzene	ND	0.440		µg/L	1	3/9/2022 12:54:15 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Dibromomethane	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM

Client: Aspect Consulting
Collection Date: 3/7/2022 3:10:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-007
Matrix: Water
Client Sample ID: AMW-04-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Toluene	ND	0.750		µg/L	1	3/9/2022 12:54:15 AM
trans-1,3-Dichloropropylene	ND	0.500	Q	µg/L	1	3/9/2022 3:00:04 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.25	Q	µg/L	1	3/9/2022 3:00:04 PM
1,1,2-Trichloroethane	ND	0.350		µg/L	1	3/9/2022 12:54:15 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Tetrachloroethene (PCE)	ND	0.400		µg/L	1	3/9/2022 12:54:15 AM
Dibromochloromethane	ND	1.00	Q	µg/L	1	3/9/2022 3:00:04 PM
1,2-Dibromoethane (EDB)	ND	0.300		µg/L	1	3/9/2022 12:54:15 AM
2-Hexanone (MBK)	ND	1.00	Q	µg/L	1	3/9/2022 3:00:04 PM
Chlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	3/9/2022 12:54:15 AM
Ethylbenzene	ND	0.400		µg/L	1	3/9/2022 12:54:15 AM
m,p-Xylene	ND	1.00		µg/L	1	3/9/2022 12:54:15 AM
o-Xylene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Styrene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Bromoform	ND	0.500	Q	µg/L	1	3/9/2022 3:00:04 PM
1,1,2,2-Tetrachloroethane	ND	0.400		µg/L	1	3/9/2022 12:54:15 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Bromobenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,3,5-Trimethylbenzene	ND	0.250		µg/L	1	3/9/2022 12:54:15 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,2,3-Trichloropropane	ND	0.400	Q	µg/L	1	3/9/2022 3:00:04 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	3/9/2022 12:54:15 AM
sec-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
4-Isopropyltoluene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
1,2-Dibromo-3-chloropropane	ND	1.00	Q	µg/L	1	3/9/2022 3:00:04 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/9/2022 12:54:15 AM
Naphthalene	ND	1.25	Q	µg/L	1	3/9/2022 3:00:04 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	3/9/2022 12:54:15 AM
Surr: Dibromofluoromethane	99.0	80 - 120		%Rec	1	3/9/2022 12:54:15 AM
Surr: Toluene-d8	98.6	80 - 120		%Rec	1	3/9/2022 12:54:15 AM

Analytical Report

Work Order: **2203206**
Date Reported: **3/9/2022**

Client: Aspect Consulting
Collection Date: 3/7/2022 3:10:00 PM
Project: 10620 NE 8th
Lab ID: 2203206-007
Matrix: Water
Client Sample ID: AMW-04-03072022

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 35642		Analyst: TN
Surr: 1-Bromo-4-fluorobenzene	97.5	80 - 120		%Rec	1	3/9/2022 12:54:15 AM
NOTES: Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.						
Mercury by EPA Method 245.1				Batch ID: 35640		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 3:13:29 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 35641		Analyst: CH
Mercury	ND	0.100		µg/L	1	3/9/2022 10:29:37 AM
Dissolved Metals by EPA Method 200.8				Batch ID: 35629		Analyst: EH
Arsenic	1.27	1.00		µg/L	1	3/8/2022 10:35:30 PM
Barium	7.68	1.50		µg/L	1	3/8/2022 10:35:30 PM
Cadmium	ND	0.125		µg/L	1	3/8/2022 10:35:30 PM
Chromium	ND	0.750		µg/L	1	3/8/2022 10:35:30 PM
Lead	ND	0.500		µg/L	1	3/8/2022 10:35:30 PM
Selenium	ND	1.90		µg/L	1	3/8/2022 10:35:30 PM
Silver	ND	0.350		µg/L	1	3/8/2022 10:35:30 PM
Total Metals by EPA Method 200.8				Batch ID: 35628		Analyst: EH
Arsenic	1.63	1.00		µg/L	1	3/8/2022 1:39:58 PM
Barium	8.22	2.50		µg/L	1	3/8/2022 1:39:58 PM
Cadmium	ND	0.200		µg/L	1	3/8/2022 1:39:58 PM
Chromium	1.86	1.00		µg/L	1	3/8/2022 1:39:58 PM
Lead	ND	0.500		µg/L	1	3/8/2022 1:39:58 PM
Selenium	ND	5.00		µg/L	1	3/8/2022 1:39:58 PM
Silver	ND	0.250		µg/L	1	3/8/2022 1:39:58 PM

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID: **MB-35629** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **MBLKW** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511905**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Barium	ND	1.50									
Cadmium	ND	0.125									
Chromium	ND	0.750									
Lead	ND	0.500									
Selenium	ND	1.90									
Silver	ND	0.350									

Sample ID: **LCS-35629** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **LCSW** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511906**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	529	1.00	500.0	0	106	85	115				
Barium	532	1.50	500.0	0	106	85	115				
Cadmium	27.0	0.125	25.00	0	108	85	115				
Chromium	509	0.750	500.0	0	102	85	115				
Lead	269	0.500	250.0	0	108	85	115				
Selenium	51.4	1.90	50.00	0	103	85	115				
Silver	27.1	0.350	25.00	0	108	85	115				

Sample ID: **2203206-002DDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **AMW-01S-03072022** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511908**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.68	1.00						2.597	3.13	30	
Barium	10.7	1.50						10.76	1.05	30	
Cadmium	ND	0.125						0		30	
Chromium	ND	0.750						0		30	
Lead	ND	0.500						0		30	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID: **2203206-002DDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **AMW-01S-03072022** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511908**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	ND	1.90						0		30	
Silver	ND	0.350						0		30	

Sample ID: **2203206-002DMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **AMW-01S-03072022** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511909**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	535	1.00	500.0	2.597	107	70	130				
Barium	533	1.50	500.0	10.76	104	70	130				
Cadmium	26.5	0.125	25.00	0	106	70	130				
Chromium	486	0.750	500.0	0	97.2	70	130				
Lead	248	0.500	250.0	0	99.0	70	130				
Selenium	56.0	1.90	50.00	0	112	70	130				
Silver	25.7	0.350	25.00	0	103	70	130				

Sample ID: **2203116-003CMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73840**
Client ID: **BATCH** Batch ID: **35629** Analysis Date: **3/8/2022** SeqNo: **1511920**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	444	1.00	500.0	6.160	87.6	70	130				
Barium	438	1.50	500.0	1.746	87.2	70	130				
Cadmium	22.1	0.125	25.00	0	88.4	70	130				
Chromium	409	0.750	500.0	0.4475	81.7	70	130				
Lead	209	0.500	250.0	0	83.5	70	130				
Selenium	44.5	1.90	50.00	0	89.0	70	130				
Silver	20.9	0.350	25.00	0	83.7	70	130				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-35628** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **MBLKW** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511530**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Barium	ND	2.50									
Cadmium	ND	0.200									
Chromium	ND	1.00									
Lead	ND	0.500									
Selenium	ND	5.00									
Silver	ND	0.250									

Sample ID: **LCS-35628** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **LCSW** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511531**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	103	1.00	100.0	0	103	85	115				
Barium	101	2.50	100.0	0	101	85	115				
Cadmium	5.21	0.200	5.000	0	104	85	115				
Chromium	97.8	1.00	100.0	0	97.8	85	115				
Lead	48.7	0.500	50.00	0	97.5	85	115				
Selenium	10.7	5.00	10.00	0	107	85	115				
Silver	4.85	0.250	5.000	0	97.0	85	115				

Sample ID: **2203192-001BDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **BATCH** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511533**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	13.4	1.00						13.17	2.04	30	
Barium	4.36	2.50						4.473	2.66	30	
Cadmium	ND	0.200						0		30	
Chromium	ND	1.00						0		30	
Lead	ND	0.500						0		30	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **2203192-001BDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **BATCH** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511533**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	ND	5.00						0		30	
Silver	ND	0.250						0		30	

Sample ID: **2203192-001BMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **BATCH** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	120	1.00	100.0	13.17	107	70	130				
Barium	108	2.50	100.0	4.473	103	70	130				
Cadmium	4.94	0.200	5.000	0	98.9	70	130				
Chromium	101	1.00	100.0	0.6838	101	70	130				
Lead	45.7	0.500	50.00	0.2345	91.0	70	130				
Selenium	10.7	5.00	10.00	0.5029	102	70	130				
Silver	4.52	0.250	5.000	0	90.4	70	130				

Sample ID: **2203206-003CMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73826**
Client ID: **AMW-09-03072022** Batch ID: **35628** Analysis Date: **3/8/2022** SeqNo: **1511540**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	108	1.00	100.0	1.033	107	70	130				
Barium	126	2.50	100.0	22.07	104	70	130				
Cadmium	5.12	0.200	5.000	0.04280	102	70	130				
Chromium	106	1.00	100.0	3.557	103	70	130				
Lead	45.2	0.500	50.00	0	90.5	70	130				
Selenium	10.7	5.00	10.00	0	107	70	130				
Silver	4.71	0.250	5.000	0	94.1	70	130				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Mercury by EPA Method 245.1

Sample ID: **MB-35640** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73830**
Client ID: **MBLKW** Batch ID: **35640** Analysis Date: **3/8/2022** SeqNo: **1511670**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-35640** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73830**
Client ID: **LCSW** Batch ID: **35640** Analysis Date: **3/8/2022** SeqNo: **1511671**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.30	0.100	2.500	0	92.0	85	115				

Sample ID: **2203161-001EDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73830**
Client ID: **BATCH** Batch ID: **35640** Analysis Date: **3/8/2022** SeqNo: **1511673**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100						0		20	

Sample ID: **2203161-001EMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73830**
Client ID: **BATCH** Batch ID: **35640** Analysis Date: **3/8/2022** SeqNo: **1511674**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.38	0.100	2.500	0	95.2	70	130				

Sample ID: **2203161-001EMSD** SampType: **MSD** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73830**
Client ID: **BATCH** Batch ID: **35640** Analysis Date: **3/8/2022** SeqNo: **1511675**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.26	0.100	2.500	0	90.4	70	130	2.380	5.17	20	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Mercury by EPA Method 245.1

Sample ID: **MB-35653** SampType: **MBLK** Units: **µg/L** Prep Date: **3/9/2022** RunNo: **73851**
Client ID: **MBLKW** Batch ID: **35653** Analysis Date: **3/9/2022** SeqNo: **1512551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-35653** SampType: **LCS** Units: **µg/L** Prep Date: **3/9/2022** RunNo: **73851**
Client ID: **LCSW** Batch ID: **35653** Analysis Date: **3/9/2022** SeqNo: **1512552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.24	0.100	2.500	0	89.6	85	115				

Sample ID: **2203164-002DDUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/9/2022** RunNo: **73851**
Client ID: **BATCH** Batch ID: **35653** Analysis Date: **3/9/2022** SeqNo: **1512554**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100						0		20	

Sample ID: **2203164-002DMS** SampType: **MS** Units: **µg/L** Prep Date: **3/9/2022** RunNo: **73851**
Client ID: **BATCH** Batch ID: **35653** Analysis Date: **3/9/2022** SeqNo: **1512555**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.24	0.100	2.500	0	89.6	70	130				

Sample ID: **2203164-002DMSD** SampType: **MSD** Units: **µg/L** Prep Date: **3/9/2022** RunNo: **73851**
Client ID: **BATCH** Batch ID: **35653** Analysis Date: **3/9/2022** SeqNo: **1512556**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.09	0.100	2.500	0	83.6	70	130	2.240	6.93	20	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Dissolved Mercury by EPA Method 245.1

Sample ID: **MB-35641**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73835**
Client ID: **MBLKW**	Batch ID: **35641**		Analysis Date: **3/9/2022**	SeqNo: **1512148**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-35641**	SampType: **LCS**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73835**
Client ID: **LCSW**	Batch ID: **35641**		Analysis Date: **3/9/2022**	SeqNo: **1512149**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.47	0.100	2.500	0	98.8	85	115				

Sample ID: **2203206-007DDUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73835**
Client ID: **AMW-04-03072022**	Batch ID: **35641**		Analysis Date: **3/9/2022**	SeqNo: **1512162**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100						0		20	

Sample ID: **2203206-007DMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73835**
Client ID: **AMW-04-03072022**	Batch ID: **35641**		Analysis Date: **3/9/2022**	SeqNo: **1512163**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.48	0.100	2.500	0	99.2	70	130				

Sample ID: **2203206-007DMSD**	SampType: **MSD**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73835**
Client ID: **AMW-04-03072022**	Batch ID: **35641**		Analysis Date: **3/9/2022**	SeqNo: **1512164**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.51	0.100	2.500	0	100	70	130	2.480	1.20	20	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-35646** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73857**
Client ID: **MBLKW** Batch ID: **35646** Analysis Date: **3/9/2022** SeqNo: **1512445**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	100									
Heavy Oil	ND	100									
Total Petroleum Hydrocarbons	ND	200									
Surr: 2-Fluorobiphenyl	16.4		20.00		82.0	50	150				
Surr: o-Terphenyl	17.4		20.00		86.9	50	150				

Sample ID: **LCS-35646** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73857**
Client ID: **LCSW** Batch ID: **35646** Analysis Date: **3/9/2022** SeqNo: **1512446**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	590	200	1,000	0	59.0	57.2	125				
Surr: 2-Fluorobiphenyl	14.2		20.00		71.1	50	150				
Surr: o-Terphenyl	17.1		20.00		85.7	50	150				

Sample ID: **LCSD-35646** SampType: **LCSD** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73857**
Client ID: **LCSW02** Batch ID: **35646** Analysis Date: **3/9/2022** SeqNo: **1512447**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	792	200	1,000	0	79.2	57.2	125	589.8	29.3	30	R
Surr: 2-Fluorobiphenyl	17.8		20.00		89.1	50	150		0		
Surr: o-Terphenyl	20.6		20.00		103	50	150		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73844**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1512086**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	453	50.0	500.0	0	90.6	65	135				
Surr: Toluene-d8	25.3		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	24.7		25.00		98.6	65	135				

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73844**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1512055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0									
Surr: Toluene-d8	25.2		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	24.5		25.00		98.0	65	135				

Sample ID: **2203200-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73844**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1512063**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0						0		30	
Surr: Toluene-d8	25.3		25.00		101	65	135		0		
Surr: 4-Bromofluorobenzene	24.2		25.00		96.8	65	135		0		

Sample ID: **2203206-007ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73844**
Client ID: **AMW-04-03072022** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512072**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0						0		30	
Surr: Toluene-d8	25.4		25.00		102	65	135		0		
Surr: 4-Bromofluorobenzene	24.3		25.00		97.3	65	135		0		

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2203116-006AMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73844**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512079**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	458	50.0	500.0	0	91.5	65	135				
Surr: Toluene-d8	25.6		25.00		102	65	135				
Surr: 4-Bromofluorobenzene	24.6		25.00		98.5	65	135				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1512013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	13.1	1.25	20.00	0	65.6	80	120				S
Chloromethane	16.0	0.750	20.00	0	79.9	80	120				S
Vinyl chloride	16.7	0.200	20.00	0	83.7	80	120				
Bromomethane	19.7	1.20	20.00	0	98.5	80	120				
Trichlorofluoromethane (CFC-11)	17.1	0.500	20.00	0	85.7	80	120				
Chloroethane	18.1	1.00	20.00	0	90.4	80	120				
1,1-Dichloroethene	17.8	0.500	20.00	0	89.0	80	120				
Acetone	39.2	6.00	50.00	0	78.4	80	120				S
Methylene chloride	18.1	0.750	20.00	0	90.4	80	120				
trans-1,2-Dichloroethene	18.1	0.500	20.00	0	90.5	80	120				
Methyl tert-butyl ether (MTBE)	15.8	0.500	20.00	0	79.0	80	120				S
1,1-Dichloroethane	18.3	0.500	20.00	0	91.4	80	120				
cis-1,2-Dichloroethene	18.2	0.500	20.00	0	90.9	80	120				
2-Butanone (MEK)	38.4	1.50	50.00	0	76.9	80	120				S
Chloroform	18.1	0.500	20.00	0	90.3	80	120				
1,1,1-Trichloroethane (TCA)	17.3	0.400	20.00	0	86.7	80	120				
1,1-Dichloropropene	18.6	0.500	20.00	0	93.2	80	120				
Carbon tetrachloride	16.9	0.750	20.00	0	84.6	80	120				
1,2-Dichloroethane (EDC)	16.8	0.400	20.00	0	84.0	80	120				
Benzene	18.8	0.440	20.00	0	94.0	80	120				
Trichloroethene (TCE)	17.6	0.500	20.00	0	88.0	80	120				
1,2-Dichloropropane	17.7	0.500	20.00	0	88.4	80	120				
Bromodichloromethane	16.6	0.500	20.00	0	83.0	80	120				
Dibromomethane	16.5	0.500	20.00	0	82.4	80	120				
cis-1,3-Dichloropropene	16.5	0.500	20.00	0	82.6	80	120				
Toluene	18.0	0.750	20.00	0	90.1	80	120				
trans-1,3-Dichloropropylene	15.4	0.500	20.00	0	77.2	80	120				S
Methyl Isobutyl Ketone (MIBK)	36.6	1.25	50.00	0	73.2	80	120				S
1,1,2-Trichloroethane	16.7	0.350	20.00	0	83.5	80	120				
1,3-Dichloropropane	16.8	0.500	20.00	0	83.9	80	120				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1512013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	18.1	0.400	20.00	0	90.4	80	120				
Dibromochloromethane	15.7	1.00	20.00	0	78.4	80	120				S
1,2-Dibromoethane (EDB)	16.2	0.300	20.00	0	80.8	80	120				
2-Hexanone (MBK)	34.9	1.00	50.00	0	69.8	80	120				S
Chlorobenzene	18.4	0.500	20.00	0	92.2	80	120				
1,1,1,2-Tetrachloroethane	17.1	0.300	20.00	0	85.3	80	120				
Ethylbenzene	19.9	0.400	20.00	0	99.5	80	120				
m,p-Xylene	39.9	1.00	40.00	0	99.8	80	120				
o-Xylene	18.1	0.500	20.00	0	90.7	80	120				
Styrene	19.2	0.500	20.00	0	96.2	80	120				
Isopropylbenzene	20.5	0.500	20.00	0	102	80	120				
Bromoform	15.0	0.500	20.00	0	74.9	80	120				S
1,1,2,2-Tetrachloroethane	17.1	0.400	20.00	0	85.4	80	120				
n-Propylbenzene	21.0	0.500	20.00	0	105	80	120				
Bromobenzene	18.1	0.500	20.00	0	90.4	80	120				
1,3,5-Trimethylbenzene	20.0	0.250	20.00	0	100	80	120				
2-Chlorotoluene	19.7	0.500	20.00	0	98.4	80	120				
4-Chlorotoluene	20.3	0.500	20.00	0	101	80	120				
tert-Butylbenzene	19.9	0.500	20.00	0	99.4	80	120				
1,2,3-Trichloropropane	15.1	0.400	20.00	0	75.7	80	120				S
1,2,4-Trichlorobenzene	17.2	0.750	20.00	0	86.0	80	120				
sec-Butylbenzene	21.0	0.500	20.00	0	105	80	120				
4-Isopropyltoluene	20.5	0.500	20.00	0	103	80	120				
1,3-Dichlorobenzene	18.6	0.500	20.00	0	92.9	80	120				
1,4-Dichlorobenzene	18.6	0.500	20.00	0	92.8	80	120				
n-Butylbenzene	21.0	0.500	20.00	0	105	80	120				
1,2-Dichlorobenzene	18.1	0.500	20.00	0	90.7	80	120				
1,2-Dibromo-3-chloropropane	13.9	1.00	20.00	0	69.3	80	120				S
1,2,4-Trimethylbenzene	20.0	0.500	20.00	0	100	80	120				
Hexachloro-1,3-butadiene	17.9	0.500	20.00	0	89.5	80	120				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-35642**	SampType: **LCS**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73843**
Client ID: **LCSW**	Batch ID: **35642**		Analysis Date: **3/8/2022**	SeqNo: **1512013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	14.9	1.25	20.00	0	74.7	80	120				S
1,2,3-Trichlorobenzene	16.6	0.700	20.00	0	83.1	80	120				
Surr: Dibromofluoromethane	25.1		25.00		100	80	120				
Surr: Toluene-d8	24.9		25.00		99.5	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.8		25.00		99.1	80	120				

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: **MB-35642**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **3/8/2022**	RunNo: **73843**
Client ID: **MBLKW**	Batch ID: **35642**		Analysis Date: **3/8/2022**	SeqNo: **1511988**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.25									Q
Chloromethane	ND	0.750									Q
Vinyl chloride	ND	0.200									
Bromomethane	ND	1.20									
Trichlorofluoromethane (CFC-11)	ND	0.500									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	0.500									
Acetone	ND	6.00									Q
Methylene chloride	ND	0.750									
trans-1,2-Dichloroethene	ND	0.500									
Methyl tert-butyl ether (MTBE)	ND	0.500									Q
1,1-Dichloroethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
2-Butanone (MEK)	ND	1.50									Q
Chloroform	ND	0.500									
1,1,1-Trichloroethane (TCA)	ND	0.400									
1,1-Dichloropropene	ND	0.500									
Carbon tetrachloride	ND	0.750									
1,2-Dichloroethane (EDC)	ND	0.400									

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1511988**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.440									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	0.500									
Bromodichloromethane	ND	0.500									
Dibromomethane	ND	0.500									
cis-1,3-Dichloropropene	ND	0.500									
Toluene	ND	0.750									
trans-1,3-Dichloropropylene	ND	0.500									Q
Methyl Isobutyl Ketone (MIBK)	ND	1.25									Q
1,1,2-Trichloroethane	ND	0.350									
1,3-Dichloropropane	ND	0.500									
Tetrachloroethene (PCE)	ND	0.400									
Dibromochloromethane	ND	1.00									Q
1,2-Dibromoethane (EDB)	ND	0.300									
2-Hexanone (MBK)	ND	1.00									Q
Chlorobenzene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
Ethylbenzene	ND	0.400									
m,p-Xylene	ND	1.00									
o-Xylene	ND	0.500									
Styrene	ND	0.500									
Isopropylbenzene	ND	0.500									
Bromoform	ND	0.500									Q
1,1,2,2-Tetrachloroethane	ND	0.400									
n-Propylbenzene	ND	0.500									
Bromobenzene	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.250									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
tert-Butylbenzene	ND	0.500									

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1511988**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	0.400									Q
1,2,4-Trichlorobenzene	ND	0.750									
sec-Butylbenzene	ND	0.500									
4-Isopropyltoluene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
n-Butylbenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dibromo-3-chloropropane	ND	1.00									Q
1,2,4-Trimethylbenzene	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.500									
Naphthalene	ND	1.25									Q
1,2,3-Trichlorobenzene	ND	0.700									
Surr: Dibromofluoromethane	24.4		25.00		97.5	80	120				
Surr: Toluene-d8	24.3		25.00		97.0	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.4		25.00		97.6	80	120				

NOTES:
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.

Sample ID: **2203200-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1511996**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.25						0		30	Q
Chloromethane	ND	0.750						0		30	Q
Vinyl chloride	ND	0.200						0		30	
Bromomethane	ND	1.20						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.500						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	0.500						0		30	
Acetone	ND	6.00						0		30	Q

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203200-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1511996**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	ND	0.750						0		30	
trans-1,2-Dichloroethene	ND	0.500						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.500						0		30	Q
1,1-Dichloroethane	ND	0.500						0		30	
cis-1,2-Dichloroethene	ND	0.500						0		30	
2-Butanone (MEK)	ND	1.50						0		30	Q
Chloroform	ND	0.500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.400						0		30	
1,1-Dichloropropene	ND	0.500						0		30	
Carbon tetrachloride	ND	0.750						0		30	
1,2-Dichloroethane (EDC)	ND	0.400						0		30	
Benzene	ND	0.440						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	0.500						0		30	
Bromodichloromethane	ND	0.500						0		30	
Dibromomethane	ND	0.500						0		30	
cis-1,3-Dichloropropene	ND	0.500						0		30	
Toluene	ND	0.750						0		30	
trans-1,3-Dichloropropylene	ND	0.500						0		30	Q
Methyl Isobutyl Ketone (MIBK)	ND	1.25						0		30	Q
1,1,2-Trichloroethane	ND	0.350						0		30	
1,3-Dichloropropane	ND	0.500						0		30	
Tetrachloroethene (PCE)	ND	0.400						0		30	
Dibromochloromethane	ND	1.00						0		30	Q
1,2-Dibromoethane (EDB)	ND	0.300						0		30	
2-Hexanone (MBK)	ND	1.00						0		30	Q
Chlorobenzene	ND	0.500						0		30	
1,1,1,2-Tetrachloroethane	ND	0.300						0		30	
Ethylbenzene	ND	0.400						0		30	
m,p-Xylene	ND	1.00						0		30	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203200-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/8/2022** SeqNo: **1511996**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.500						0		30	
Styrene	ND	0.500						0		30	
Isopropylbenzene	ND	0.500						0		30	
Bromoform	ND	0.500						0		30	Q
1,1,2,2-Tetrachloroethane	ND	0.400						0		30	
n-Propylbenzene	ND	0.500						0		30	
Bromobenzene	ND	0.500						0		30	
1,3,5-Trimethylbenzene	ND	0.250						0		30	
2-Chlorotoluene	ND	0.500						0		30	
4-Chlorotoluene	ND	0.500						0		30	
tert-Butylbenzene	ND	0.500						0		30	
1,2,3-Trichloropropane	ND	0.400						0		30	Q
1,2,4-Trichlorobenzene	ND	0.750						0		30	
sec-Butylbenzene	ND	0.500						0		30	
4-Isopropyltoluene	ND	0.500						0		30	
1,3-Dichlorobenzene	ND	0.500						0		30	
1,4-Dichlorobenzene	ND	0.500						0		30	
n-Butylbenzene	ND	0.500						0		30	
1,2-Dichlorobenzene	ND	0.500						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
1,2,4-Trimethylbenzene	ND	0.500						0		30	
Hexachloro-1,3-butadiene	ND	0.500						0		30	
Naphthalene	ND	1.25						0		30	Q
1,2,3-Trichlorobenzene	ND	0.700						0		30	
Surr: Dibromofluoromethane	24.5		25.00		97.8	80	120		0		
Surr: Toluene-d8	24.2		25.00		97.0	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	24.1		25.00		96.4	80	120		0		

NOTES:
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203206-007ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **AMW-04-03072022** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512043**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200						0		30	
Bromomethane	ND	1.20						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.500						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	0.500						0		30	
Methylene chloride	ND	0.750						3.342	159	30	R
trans-1,2-Dichloroethene	ND	0.500						0		30	
1,1-Dichloroethane	ND	0.500						0		30	
cis-1,2-Dichloroethene	ND	0.500						0		30	
Chloroform	ND	0.500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.400						0		30	
1,1-Dichloropropene	ND	0.500						0		30	
Carbon tetrachloride	ND	0.750						0		30	
1,2-Dichloroethane (EDC)	ND	0.400						0		30	
Benzene	ND	0.440						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	0.500						0		30	
Bromodichloromethane	ND	0.500						0		30	
Dibromomethane	ND	0.500						0		30	
cis-1,3-Dichloropropene	ND	0.500						0		30	
Toluene	ND	0.750						0		30	
1,1,2-Trichloroethane	ND	0.350						0		30	
1,3-Dichloropropane	ND	0.500						0		30	
Tetrachloroethene (PCE)	ND	0.400						0		30	
1,2-Dibromoethane (EDB)	ND	0.300						0		30	
Chlorobenzene	ND	0.500						0		30	
1,1,1,2-Tetrachloroethane	ND	0.300						0		30	
Ethylbenzene	ND	0.400						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	0.500						0		30	

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203206-007ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **AMW-04-03072022** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512043**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	ND	0.500						0		30	
Isopropylbenzene	ND	0.500						0		30	
1,1,2,2-Tetrachloroethane	ND	0.400						0		30	
n-Propylbenzene	ND	0.500						0		30	
Bromobenzene	ND	0.500						0		30	
1,3,5-Trimethylbenzene	ND	0.250						0		30	
2-Chlorotoluene	ND	0.500						0		30	
4-Chlorotoluene	ND	0.500						0		30	
tert-Butylbenzene	ND	0.500						0		30	
1,2,4-Trichlorobenzene	ND	0.750						0		30	
sec-Butylbenzene	ND	0.500						0		30	
4-Isopropyltoluene	ND	0.500						0		30	
1,3-Dichlorobenzene	ND	0.500						0		30	
1,4-Dichlorobenzene	ND	0.500						0		30	
n-Butylbenzene	ND	0.500						0		30	
1,2-Dichlorobenzene	ND	0.500						0		30	
1,2,4-Trimethylbenzene	ND	0.500						0		30	
Hexachloro-1,3-butadiene	ND	0.500						0		30	
1,2,3-Trichlorobenzene	ND	0.700						0		30	
Surr: Dibromofluoromethane	24.6		25.00		98.4	80	120		0		
Surr: Toluene-d8	24.3		25.00		97.4	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	24.2		25.00		97.0	80	120		0		

NOTES:
R - High RPD observed.

Sample ID: **2203103-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	19.3	1.25	20.00	0	96.7	6.06	158				
Chloromethane	21.2	0.750	20.00	0	106	8.94	177				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203103-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	22.7	0.200	20.00	0	114	32.8	161				
Bromomethane	>40ppb	1.20	20.00	0	0	24.1	196				S
Trichlorofluoromethane (CFC-11)	22.3	0.500	20.00	0	111	64.9	138				
Chloroethane	23.6	1.00	20.00	0	118	62.2	137				
1,1-Dichloroethene	22.9	0.500	20.00	0	114	76.5	134				
Acetone	112	6.00	50.00	72.52	79.8	56.8	147				
Methylene chloride	21.7	0.750	20.00	0	109	75.7	128				
trans-1,2-Dichloroethene	22.3	0.500	20.00	0	112	80.1	129				
Methyl tert-butyl ether (MTBE)	17.8	0.500	20.00	0	88.9	59.5	138				
1,1-Dichloroethane	22.6	0.500	20.00	0	113	78.1	131				
cis-1,2-Dichloroethene	22.0	0.500	20.00	0	110	81.5	126				
2-Butanone (MEK)	119	1.50	50.00	80.72	77.5	60.4	134				
Chloroform	22.2	0.500	20.00	0	111	81.2	126				
1,1,1-Trichloroethane (TCA)	21.4	0.400	20.00	0	107	83.7	126				
1,1-Dichloropropene	23.1	0.500	20.00	0	116	79.9	131				
Carbon tetrachloride	21.1	0.750	20.00	0	106	82.3	127				
1,2-Dichloroethane (EDC)	19.8	0.400	20.00	0	99.1	76.3	123				
Benzene	23.1	0.440	20.00	0	115	80.1	128				
Trichloroethene (TCE)	21.0	0.500	20.00	0	105	78.4	128				
1,2-Dichloropropane	21.1	0.500	20.00	0	105	77	129				
Bromodichloromethane	19.2	0.500	20.00	0	95.8	80.1	122				
Dibromomethane	18.6	0.500	20.00	0	93.1	79	123				
cis-1,3-Dichloropropene	15.9	0.500	20.00	0	79.4	76.2	120				
Toluene	21.6	0.750	20.00	0	108	83.3	125				
trans-1,3-Dichloropropylene	14.2	0.500	20.00	0	70.8	72.9	122				S
Methyl Isobutyl Ketone (MIBK)	42.6	1.25	50.00	0	85.1	59.9	136				
1,1,2-Trichloroethane	18.9	0.350	20.00	0	94.7	77.9	124				
1,3-Dichloropropane	19.1	0.500	20.00	0	95.4	75.6	125				
Tetrachloroethene (PCE)	21.0	0.400	20.00	0	105	85.7	124				
Dibromochloromethane	17.2	1.00	20.00	0	86.2	75.8	122				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203103-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	18.0	0.300	20.00	0	90.0	75.5	124				
2-Hexanone (MBK)	39.7	1.00	50.00	0	79.5	62.3	131				
Chlorobenzene	21.9	0.500	20.00	0	110	87.7	118				
1,1,1,2-Tetrachloroethane	19.5	0.300	20.00	0	97.4	81.1	122				
Ethylbenzene	24.8	0.400	20.00	0	124	85.5	124				
m,p-Xylene	46.9	1.00	40.00	0	117	86.8	122				
o-Xylene	21.4	0.500	20.00	0	107	86.4	121				
Styrene	19.4	0.500	20.00	0	97.1	79.7	123				
Isopropylbenzene	25.1	0.500	20.00	0	125	85.3	125				
Bromoform	15.9	0.500	20.00	0	79.4	65.6	132				
1,1,2,2-Tetrachloroethane	19.7	0.400	20.00	0	98.4	71.6	133				
n-Propylbenzene	26.7	0.500	20.00	0	134	79.6	128				S
Bromobenzene	20.6	0.500	20.00	0	103	84	120				
1,3,5-Trimethylbenzene	23.6	0.250	20.00	0	118	82.9	124				
2-Chlorotoluene	23.0	0.500	20.00	0	115	84.6	123				
4-Chlorotoluene	23.5	0.500	20.00	0	117	81.1	124				
tert-Butylbenzene	23.6	0.500	20.00	0	118	84.2	126				
1,2,3-Trichloropropane	15.4	0.400	20.00	0	77.2	67.3	125				
1,2,4-Trichlorobenzene	18.9	0.750	20.00	0	94.5	59.1	132				
sec-Butylbenzene	25.9	0.500	20.00	0	129	81.8	127				S
4-Isopropyltoluene	24.5	0.500	20.00	0	122	80.1	127				
1,3-Dichlorobenzene	21.0	0.500	20.00	0	105	84.7	121				
1,4-Dichlorobenzene	21.0	0.500	20.00	0	105	84.9	119				
n-Butylbenzene	23.7	0.500	20.00	0	118	76.8	129				
1,2-Dichlorobenzene	20.7	0.500	20.00	0	104	84.9	120				
1,2-Dibromo-3-chloropropane	14.9	1.00	20.00	0	74.3	53.4	138				
1,2,4-Trimethylbenzene	23.2	0.500	20.00	0	116	81.8	124				
Hexachloro-1,3-butadiene	18.4	0.500	20.00	0	92.0	71.1	131				
Naphthalene	17.7	1.25	20.00	0	88.4	42.6	147				
1,2,3-Trichlorobenzene	18.9	0.700	20.00	0	94.6	39.3	147				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203103-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **BATCH** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	25.3		25.00		101	80	120				
Surr: Toluene-d8	25.1		25.00		100	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.8		25.00		99.3	80	120				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512375**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	19.0	1.25	20.00	0	95.0	80	120				
Chloromethane	20.4	0.750	20.00	0	102	80	120				
Vinyl chloride	20.8	0.200	20.00	0	104	80	120				
Bromomethane	ND	1.20	20.00	0	0	80	120				S
Trichlorofluoromethane (CFC-11)	20.1	0.500	20.00	0	101	80	120				
Chloroethane	21.7	1.00	20.00	0	108	80	120				
1,1-Dichloroethene	20.2	0.500	20.00	0	101	80	120				
Acetone	43.0	6.00	50.00	0	86.0	80	120				
Methylene chloride	20.4	0.750	20.00	0	102	80	120				
trans-1,2-Dichloroethene	20.2	0.500	20.00	0	101	80	120				
Methyl tert-butyl ether (MTBE)	16.2	0.500	20.00	0	81.0	80	120				
1,1-Dichloroethane	20.4	0.500	20.00	0	102	80	120				
cis-1,2-Dichloroethene	20.1	0.500	20.00	0	101	80	120				
2-Butanone (MEK)	41.0	1.50	50.00	0	82.1	80	120				
Chloroform	19.8	0.500	20.00	0	99.2	80	120				
1,1,1-Trichloroethane (TCA)	18.9	0.400	20.00	0	94.6	80	120				
1,1-Dichloropropene	20.8	0.500	20.00	0	104	80	120				
Carbon tetrachloride	18.2	0.750	20.00	0	91.2	80	120				
1,2-Dichloroethane (EDC)	18.3	0.400	20.00	0	91.7	80	120				
Benzene	21.0	0.440	20.00	0	105	80	120				
Trichloroethene (TCE)	19.2	0.500	20.00	0	96.1	80	120				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512375**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	19.5	0.500	20.00	0	97.3	80	120				
Bromodichloromethane	17.8	0.500	20.00	0	89.0	80	120				
Dibromomethane	17.3	0.500	20.00	0	86.4	80	120				
cis-1,3-Dichloropropene	16.6	0.500	20.00	0	83.2	80	120				
Toluene	20.0	0.750	20.00	0	100	80	120				
trans-1,3-Dichloropropylene	14.4	0.500	20.00	0	71.8	80	120				S
Methyl Isobutyl Ketone (MIBK)	36.4	1.25	50.00	0	72.7	80	120				S
1,1,2-Trichloroethane	17.5	0.350	20.00	0	87.3	80	120				
1,3-Dichloropropane	17.7	0.500	20.00	0	88.5	80	120				
Tetrachloroethene (PCE)	19.5	0.400	20.00	0	97.4	80	120				
Dibromochloromethane	15.7	1.00	20.00	0	78.7	80	120				S
1,2-Dibromoethane (EDB)	16.4	0.300	20.00	0	81.9	80	120				
2-Hexanone (MBK)	33.7	1.00	50.00	0	67.5	80	120				S
Chlorobenzene	20.1	0.500	20.00	0	101	80	120				
1,1,1,2-Tetrachloroethane	17.8	0.300	20.00	0	89.0	80	120				
Ethylbenzene	22.2	0.400	20.00	0	111	80	120				
m,p-Xylene	43.5	1.00	40.00	0	109	80	120				
o-Xylene	19.8	0.500	20.00	0	98.9	80	120				
Styrene	20.9	0.500	20.00	0	104	80	120				
Isopropylbenzene	22.9	0.500	20.00	0	114	80	120				
Bromoform	14.5	0.500	20.00	0	72.4	80	120				S
1,1,2,2-Tetrachloroethane	17.6	0.400	20.00	0	88.1	80	120				
n-Propylbenzene	24.6	0.500	20.00	0	123	80	120				S
Bromobenzene	19.0	0.500	20.00	0	95.0	80	120				
1,3,5-Trimethylbenzene	22.0	0.250	20.00	0	110	80	120				
2-Chlorotoluene	21.7	0.500	20.00	0	108	80	120				
4-Chlorotoluene	22.3	0.500	20.00	0	112	80	120				
tert-Butylbenzene	21.3	0.500	20.00	0	107	80	120				
1,2,3-Trichloropropane	14.3	0.400	20.00	0	71.5	80	120				S
1,2,4-Trichlorobenzene	17.7	0.750	20.00	0	88.5	80	120				

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-35642** SampType: **LCS** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **LCSW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512375**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	23.5	0.500	20.00	0	118	80	120				
4-Isopropyltoluene	22.6	0.500	20.00	0	113	80	120				
1,3-Dichlorobenzene	19.8	0.500	20.00	0	99.2	80	120				
1,4-Dichlorobenzene	19.8	0.500	20.00	0	98.9	80	120				
n-Butylbenzene	23.0	0.500	20.00	0	115	80	120				
1,2-Dichlorobenzene	19.2	0.500	20.00	0	96.0	80	120				
1,2-Dibromo-3-chloropropane	12.8	1.00	20.00	0	64.0	80	120				S
1,2,4-Trimethylbenzene	22.1	0.500	20.00	0	110	80	120				
Hexachloro-1,3-butadiene	18.9	0.500	20.00	0	94.4	80	120				
Naphthalene	14.6	1.25	20.00	0	73.2	80	120				S
1,2,3-Trichlorobenzene	16.6	0.700	20.00	0	83.0	80	120				
Surr: Dibromofluoromethane	25.3		25.00		101	80	120				
Surr: Toluene-d8	25.4		25.00		101	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.9		25.00		99.6	80	120				

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512369**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.25									
Chloromethane	ND	0.750									
Vinyl chloride	ND	0.200									
Bromomethane	ND	1.20									Q
Trichlorofluoromethane (CFC-11)	ND	0.500									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	0.500									
Acetone	ND	6.00									
Methylene chloride	ND	0.750									
trans-1,2-Dichloroethene	ND	0.500									

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512369**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.500									
1,1-Dichloroethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
2-Butanone (MEK)	ND	1.50									
Chloroform	ND	0.500									
1,1,1-Trichloroethane (TCA)	ND	0.400									
1,1-Dichloropropene	ND	0.500									
Carbon tetrachloride	ND	0.750									
1,2-Dichloroethane (EDC)	ND	0.400									
Benzene	ND	0.440									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	0.500									
Bromodichloromethane	ND	0.500									
Dibromomethane	ND	0.500									
cis-1,3-Dichloropropene	ND	0.500									
Toluene	ND	0.750									
trans-1,3-Dichloropropylene	ND	0.500									Q
Methyl Isobutyl Ketone (MIBK)	ND	1.25									Q
1,1,2-Trichloroethane	ND	0.350									
1,3-Dichloropropane	ND	0.500									
Tetrachloroethene (PCE)	ND	0.400									
Dibromochloromethane	ND	1.00									Q
1,2-Dibromoethane (EDB)	ND	0.300									
2-Hexanone (MBK)	ND	1.00									Q
Chlorobenzene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
Ethylbenzene	ND	0.400									
m,p-Xylene	ND	1.00									
o-Xylene	ND	0.500									
Styrene	ND	0.500									

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-35642** SampType: **MBLK** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **MBLKW** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512369**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.500									
Bromoform	ND	0.500									Q
1,1,2,2-Tetrachloroethane	ND	0.400									
n-Propylbenzene	ND	0.500									Q
Bromobenzene	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.250									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
tert-Butylbenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.400									Q
1,2,4-Trichlorobenzene	ND	0.750									
sec-Butylbenzene	ND	0.500									
4-Isopropyltoluene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
n-Butylbenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dibromo-3-chloropropane	ND	1.00									Q
1,2,4-Trimethylbenzene	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.500									
Naphthalene	ND	1.25									Q
1,2,3-Trichlorobenzene	ND	0.700									
Surr: Dibromofluoromethane	24.4		25.00		97.8	80	120				
Surr: Toluene-d8	24.7		25.00		98.9	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.2		25.00		96.9	80	120				

NOTES:
Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.

Work Order: 2203206
CLIENT: Aspect Consulting
Project: 10620 NE 8th

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2203206-007ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **3/8/2022** RunNo: **73843**
Client ID: **AMW-04-03072022** Batch ID: **35642** Analysis Date: **3/9/2022** SeqNo: **1512575**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.25						0		30	
Chloromethane	ND	0.750						0		30	
Acetone	ND	6.00						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.500						0		30	
2-Butanone (MEK)	ND	1.50						0		30	
trans-1,3-Dichloropropylene	ND	0.500						0		30	Q
Methyl Isobutyl Ketone (MIBK)	ND	1.25						0		30	Q
Dibromochloromethane	ND	1.00						0		30	Q
2-Hexanone (MBK)	ND	1.00						0		30	Q
Bromoform	ND	0.500						0		30	Q
1,2,3-Trichloropropane	ND	0.400						0		30	Q
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
Naphthalene	ND	1.25						0		30	Q

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet acceptance criteria

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2203206**
Logged by:	**Clare Griggs**	Date Received:	**3/7/2022 4:28:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☑	No ☐	NA	☐
					HNO3 to D fractions	
12.	Is there headspace in the VOA vials?	Yes	☐	No ☑	NA	☐
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	1.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 3/7/22 Page: 1 of: 1
Laboratory Project No (internal): 2203206
Project Name: 10620 NE 8th
Special Remarks:
Client: Aspect Consulting
Project No: 220045
Address:
Collected by: DRB
City, State, Zip:
Location:
Telephone: 316.617.0499
Report To (PM):
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: jsmith@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624) 8260	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) Dissolved (D)*	Anions (IC)***	EDB (8011)	Comments
1 AMW-01D-03072022	3/7/22	1005	Water	8	X		X		X				X	X		
2 AMW-01S-03072022		1155														
3 AMW-09-03072022		1155														
4 AMW-02-03072022		1305														
5 MW-08-03072022		1340														
6 AMW-03-03072022		1405														
7 AMW-04-03072022	↓	1510	↓	↓	↓		↓		↓				↓	↓		
8																
9																
10																

*Field Filtered

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☒ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x [signature]	Daniel Brock	3/7/22 1622	x [signature]	Alex Trejo	3/7/22 16:28
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 3/7/22 Page: 1 of: 1
Laboratory Project No (internal): 2203206
Project Name: 10620 NE 8th
Special Remarks: edits 3/7/22 -cg
Client: Aspect Consulting
Project No: 220045
Address:
Collected by: DRB
City, State, Zip:
Location:
Telephone: 316.617.0499
Report To (PM):
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: jsmith@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624) 8260	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) Dissolved (D)*	Anions (IC)***	EDB (8011)	Comments
1 AMW-01D-03072022	3/7/22	1005	Water	8	X		X		X				X	X		
2 AMW-01S-03072022		1155														
3 MW-09-03072022		1155														
4 MW-02-03072022		1305														
5 MW-08-03072022		1340														
6 AMW-03-03072022		1405														
7 AMW-04-03072022	↓	1510	↓	↓	↓		↓		↓				↓	↓		
8																
9																
10																

*Hold Filtered

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☒ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ☐ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x [signature]	Daniel Brook	3/7/22 1622	x [signature]	Alex Trejo	3/7/22 16:28
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Amelia Oates
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Skanska The Nine
Work Order Number: 2212353

December 30, 2022

Attention Amelia Oates:

Fremont Analytical, Inc. received 8 sample(s) on 12/15/2022 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Dissolved Mercury by EPA Method 245.1
Dissolved Metals by EPA Method 200.8
Gasoline by NWTPH-Gx
Mercury by EPA Method 245.1
Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *01/09/2023*

CLIENT: Aspect Consulting
Project: Skanska The Nine
Work Order: 2212353

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2212353-001	MW-08-12142022	12/14/2022 10:50 AM	12/15/2022 5:46 PM
2212353-002	AMW-04-12142022	12/14/2022 11:30 AM	12/15/2022 5:46 PM
2212353-003	MW-09-12142022	12/14/2022 12:40 PM	12/15/2022 5:46 PM
2212353-004	AMW-02-12142022	12/14/2022 1:25 PM	12/15/2022 5:46 PM
2212353-005	AMW-01S-12142022	12/14/2022 2:30 PM	12/15/2022 5:46 PM
2212353-006	AMW-03-12152022	12/15/2022 10:55 AM	12/15/2022 5:46 PM
2212353-007	AMW-01D-12152022	12/15/2022 12:55 PM	12/15/2022 5:46 PM
2212353-008	TripBlank	12/08/2022 3:05 PM	12/15/2022 5:46 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2212353**
Date: **12/30/2022**

CLIENT: Aspect Consulting
Project: Skanska The Nine

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/14/2022 10:50:00 AM
Project: Skanska The Nine
Lab ID: 2212353-001
Matrix: Water
Client Sample ID: **MW-08-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	ND	94.3		µg/L	1	12/30/2022 10:40:51 AM
Heavy Oil	ND	94.3		µg/L	1	12/30/2022 10:40:51 AM
Total Petroleum Hydrocarbons	ND	189		µg/L	1	12/30/2022 10:40:51 AM
Surr: 2-Fluorobiphenyl	96.2	50 - 150		%Rec	1	12/30/2022 10:40:51 AM
Surr: o-Terphenyl	109	50 - 150		%Rec	1	12/30/2022 10:40:51 AM
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 8:17:57 PM
Surr: Toluene-d8	98.8	65 - 135		%Rec	1	12/20/2022 8:17:57 PM
Surr: 4-Bromofluorobenzene	96.4	65 - 135		%Rec	1	12/20/2022 8:17:57 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 8:17:57 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 8:17:57 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 8:17:57 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 8:17:57 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 8:17:57 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 8:17:57 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 8:17:57 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 8:17:57 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 8:17:57 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 8:17:57 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 8:17:57 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 8:17:57 PM
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 8:17:57 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 8:17:57 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 10:50:00 AM
Project: Skanska The Nine
Lab ID: 2212353-001
Matrix: Water
Client Sample ID: **MW-08-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Toluene	ND	1.00		µg/L	1	12/20/2022 8:17:57 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 8:17:57 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 8:17:57 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 8:17:57 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 8:17:57 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 8:17:57 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 8:17:57 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 8:17:57 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 8:17:57 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 8:17:57 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 8:17:57 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 8:17:57 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 8:17:57 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 8:17:57 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 8:17:57 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 8:17:57 PM
Surr: Dibromofluoromethane	101	80 - 120		%Rec	1	12/20/2022 8:17:57 PM
Surr: Toluene-d8	101	80 - 120		%Rec	1	12/20/2022 8:17:57 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/14/2022 10:50:00 AM
Project: Skanska The Nine
Lab ID: 2212353-001
Matrix: Water
Client Sample ID: **MW-08-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: 1-Bromo-4-fluorobenzene	96.9	80 - 120		%Rec	1	12/20/2022 8:17:57 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:32:06 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:34:25 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	ND	1.50		µg/L	1	12/28/2022 12:54:29 PM
Barium	18.8	3.50		µg/L	1	12/28/2022 12:54:29 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 12:54:29 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 12:54:29 PM
Lead	ND	0.500		µg/L	1	12/28/2022 12:54:29 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 12:54:29 PM
Silver	ND	0.500		µg/L	1	12/28/2022 12:54:29 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	1.64	1.00		µg/L	1	12/21/2022 3:33:55 PM
Barium	17.1	2.00		µg/L	1	12/21/2022 3:33:55 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:33:55 PM
Chromium	3.21	1.00		µg/L	1	12/21/2022 3:33:55 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:33:55 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:33:55 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:33:55 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 11:30:00 AM
Project: Skanska The Nine
Lab ID: 2212353-002
Matrix: Water
Client Sample ID: **AMW-04-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	ND	94.2		µg/L	1	12/30/2022 10:51:47 AM
Heavy Oil	ND	94.2		µg/L	1	12/30/2022 10:51:47 AM
Total Petroleum Hydrocarbons	ND	188		µg/L	1	12/30/2022 10:51:47 AM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	12/30/2022 10:51:47 AM
Surr: o-Terphenyl	118	50 - 150		%Rec	1	12/30/2022 10:51:47 AM
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 9:19:50 PM
Surr: Toluene-d8	99.0	65 - 135		%Rec	1	12/20/2022 9:19:50 PM
Surr: 4-Bromofluorobenzene	96.0	65 - 135		%Rec	1	12/20/2022 9:19:50 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 9:19:50 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 9:19:50 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 9:19:50 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 9:19:50 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 9:19:50 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 9:19:50 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 9:19:50 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 9:19:50 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 9:19:50 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 9:19:50 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 9:19:50 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 9:19:50 PM
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 9:19:50 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 9:19:50 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 11:30:00 AM
Project: Skanska The Nine
Lab ID: 2212353-002
Matrix: Water
Client Sample ID: **AMW-04-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Toluene	ND	1.00		µg/L	1	12/20/2022 9:19:50 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 9:19:50 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 9:19:50 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 9:19:50 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 9:19:50 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 9:19:50 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 9:19:50 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 9:19:50 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 9:19:50 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 9:19:50 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 9:19:50 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 9:19:50 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 9:19:50 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 9:19:50 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 9:19:50 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 9:19:50 PM
Surr: Dibromofluoromethane	102	80 - 120		%Rec	1	12/20/2022 9:19:50 PM
Surr: Toluene-d8	102	80 - 120		%Rec	1	12/20/2022 9:19:50 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/14/2022 11:30:00 AM
Project: Skanska The Nine
Lab ID: 2212353-002
Matrix: Water
Client Sample ID: **AMW-04-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: 1-Bromo-4-fluorobenzene	96.5	80 - 120		%Rec	1	12/20/2022 9:19:50 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:33:48 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:36:06 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	ND	1.50		µg/L	1	12/28/2022 12:46:19 PM
Barium	16.0	3.50		µg/L	1	12/28/2022 12:46:19 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 12:46:19 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 12:46:19 PM
Lead	ND	0.500		µg/L	1	12/28/2022 12:46:19 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 12:46:19 PM
Silver	ND	0.500		µg/L	1	12/28/2022 12:46:19 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	1.09	1.00		µg/L	1	12/21/2022 3:36:39 PM
Barium	15.2	2.00		µg/L	1	12/21/2022 3:36:39 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:36:39 PM
Chromium	1.64	1.00		µg/L	1	12/21/2022 3:36:39 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:36:39 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:36:39 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:36:39 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 12:40:00 PM
Project: Skanska The Nine
Lab ID: 2212353-003
Matrix: Water
Client Sample ID: **MW-09-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	141	94.5		µg/L	1	12/30/2022 11:02:51 AM
Heavy Oil	ND	94.5		µg/L	1	12/30/2022 11:02:51 AM
Total Petroleum Hydrocarbons	ND	189		µg/L	1	12/30/2022 11:02:51 AM
Surr: 2-Fluorobiphenyl	90.9	50 - 150		%Rec	1	12/30/2022 11:02:51 AM
Surr: o-Terphenyl	113	50 - 150		%Rec	1	12/30/2022 11:02:51 AM
NOTES: Chromatographic pattern indicates an unresolved complex mixture, which may be weathered and/or organic material						
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 9:50:47 PM
Surr: Toluene-d8	99.2	65 - 135		%Rec	1	12/20/2022 9:50:47 PM
Surr: 4-Bromofluorobenzene	96.2	65 - 135		%Rec	1	12/20/2022 9:50:47 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 9:50:47 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 9:50:47 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 9:50:47 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 9:50:47 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 9:50:47 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 9:50:47 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 9:50:47 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 9:50:47 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 9:50:47 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 9:50:47 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 9:50:47 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 9:50:47 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 12:40:00 PM
Project: Skanska The Nine
Lab ID: 2212353-003
Matrix: Water
Client Sample ID: **MW-09-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 9:50:47 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 9:50:47 PM
Toluene	ND	1.00		µg/L	1	12/20/2022 9:50:47 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 9:50:47 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 9:50:47 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 9:50:47 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 9:50:47 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 9:50:47 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 9:50:47 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 9:50:47 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 9:50:47 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 9:50:47 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 9:50:47 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 9:50:47 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 9:50:47 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 9:50:47 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 9:50:47 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 9:50:47 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/14/2022 12:40:00 PM
Project: Skanska The Nine
Lab ID: 2212353-003
Matrix: Water
Client Sample ID: **MW-09-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: Dibromofluoromethane	103	80 - 120		%Rec	1	12/20/2022 9:50:47 PM
Surr: Toluene-d8	102	80 - 120		%Rec	1	12/20/2022 9:50:47 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	80 - 120		%Rec	1	12/20/2022 9:50:47 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:35:31 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:37:48 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	ND	1.50		µg/L	1	12/28/2022 12:57:12 PM
Barium	19.8	3.50		µg/L	1	12/28/2022 12:57:12 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 12:57:12 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 12:57:12 PM
Lead	ND	0.500		µg/L	1	12/28/2022 12:57:12 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 12:57:12 PM
Silver	ND	0.500		µg/L	1	12/28/2022 12:57:12 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	1.18	1.00		µg/L	1	12/21/2022 3:47:34 PM
Barium	20.0	2.00		µg/L	1	12/21/2022 3:47:34 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:47:34 PM
Chromium	2.07	1.00		µg/L	1	12/21/2022 3:47:34 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:47:34 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:47:34 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:47:34 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 1:25:00 PM
Project: Skanska The Nine
Lab ID: 2212353-004
Matrix: Water
Client Sample ID: **AMW-02-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	ND	95.9		µg/L	1	12/30/2022 11:13:51 AM
Heavy Oil	ND	95.9		µg/L	1	12/30/2022 11:13:51 AM
Total Petroleum Hydrocarbons	ND	192		µg/L	1	12/30/2022 11:13:51 AM
Surr: 2-Fluorobiphenyl	116	50 - 150		%Rec	1	12/30/2022 11:13:51 AM
Surr: o-Terphenyl	130	50 - 150		%Rec	1	12/30/2022 11:13:51 AM
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 10:21:38 PM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	12/20/2022 10:21:38 PM
Surr: 4-Bromofluorobenzene	96.8	65 - 135		%Rec	1	12/20/2022 10:21:38 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 10:21:38 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 10:21:38 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 10:21:38 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 10:21:38 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 10:21:38 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 10:21:38 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 10:21:38 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 10:21:38 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 10:21:38 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 10:21:38 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 10:21:38 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 10:21:38 PM
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 10:21:38 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 10:21:38 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 1:25:00 PM
Project: Skanska The Nine
Lab ID: 2212353-004
Matrix: Water
Client Sample ID: **AMW-02-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Toluene	ND	1.00		µg/L	1	12/20/2022 10:21:38 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 10:21:38 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 10:21:38 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 10:21:38 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 10:21:38 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 10:21:38 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 10:21:38 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 10:21:38 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 10:21:38 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 10:21:38 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 10:21:38 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 10:21:38 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 10:21:38 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 10:21:38 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 10:21:38 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 10:21:38 PM
Surr: Dibromofluoromethane	103	80 - 120		%Rec	1	12/20/2022 10:21:38 PM
Surr: Toluene-d8	103	80 - 120		%Rec	1	12/20/2022 10:21:38 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 1:25:00 PM
Project: Skanska The Nine
Lab ID: 2212353-004
Matrix: Water
Client Sample ID: **AMW-02-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: 1-Bromo-4-fluorobenzene	97.2	80 - 120		%Rec	1	12/20/2022 10:21:38 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:37:13 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:39:30 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	2.26	1.50		µg/L	1	12/28/2022 12:59:55 PM
Barium	3.90	3.50		µg/L	1	12/28/2022 12:59:55 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 12:59:55 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 12:59:55 PM
Lead	ND	0.500		µg/L	1	12/28/2022 12:59:55 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 12:59:55 PM
Silver	ND	0.500		µg/L	1	12/28/2022 12:59:55 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	2.25	1.00		µg/L	1	12/21/2022 3:50:18 PM
Barium	2.62	2.00		µg/L	1	12/21/2022 3:50:18 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:50:18 PM
Chromium	ND	1.00		µg/L	1	12/21/2022 3:50:18 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:50:18 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:50:18 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:50:18 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 2:30:00 PM
Project: Skanska The Nine
Lab ID: 2212353-005
Matrix: Water
Client Sample ID: **AMW-01S-12142022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	ND	93.8		µg/L	1	12/30/2022 11:24:48 AM
Heavy Oil	1,150	93.8		µg/L	1	12/30/2022 11:24:48 AM
Total Petroleum Hydrocarbons	1,150	188		µg/L	1	12/30/2022 11:24:48 AM
Surr: 2-Fluorobiphenyl	104	50 - 150		%Rec	1	12/30/2022 11:24:48 AM
Surr: o-Terphenyl	118	50 - 150		%Rec	1	12/30/2022 11:24:48 AM
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 10:52:35 PM
Surr: Toluene-d8	99.2	65 - 135		%Rec	1	12/20/2022 10:52:35 PM
Surr: 4-Bromofluorobenzene	96.6	65 - 135		%Rec	1	12/20/2022 10:52:35 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 10:52:35 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 10:52:35 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 10:52:35 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 10:52:35 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 10:52:35 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 10:52:35 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 10:52:35 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 10:52:35 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 10:52:35 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 10:52:35 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 10:52:35 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 10:52:35 PM
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 10:52:35 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 10:52:35 PM

Client: Aspect Consulting
Collection Date: 12/14/2022 2:30:00 PM
Project: Skanska The Nine
Lab ID: 2212353-005
Matrix: Water
Client Sample ID: **AMW-01S-12142022**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38880 Analyst: MS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Toluene	ND	1.00		µg/L	1	12/20/2022 10:52:35 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 10:52:35 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 10:52:35 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 10:52:35 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 10:52:35 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 10:52:35 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 10:52:35 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 10:52:35 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 10:52:35 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 10:52:35 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 10:52:35 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 10:52:35 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 10:52:35 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 10:52:35 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 10:52:35 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 10:52:35 PM
Surr: Dibromofluoromethane	103	80 - 120		%Rec	1	12/20/2022 10:52:35 PM
Surr: Toluene-d8	101	80 - 120		%Rec	1	12/20/2022 10:52:35 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Project: Skanska The Nine
Lab ID: 2212353-005
Client Sample ID: **AMW-01S-12142022**

Collection Date: 12/14/2022 2:30:00 PM
Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: 1-Bromo-4-fluorobenzene	97.1	80 - 120		%Rec	1	12/20/2022 10:52:35 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:38:55 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:41:13 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	1.70	1.50		µg/L	1	12/28/2022 1:02:39 PM
Barium	15.6	3.50		µg/L	1	12/28/2022 1:02:39 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 1:02:39 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 1:02:39 PM
Lead	ND	0.500		µg/L	1	12/28/2022 1:02:39 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 1:02:39 PM
Silver	ND	0.500		µg/L	1	12/28/2022 1:02:39 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	2.42	1.00		µg/L	1	12/21/2022 3:53:01 PM
Barium	14.7	2.00		µg/L	1	12/21/2022 3:53:01 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:53:01 PM
Chromium	ND	1.00		µg/L	1	12/21/2022 3:53:01 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:53:01 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:53:01 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:53:01 PM

Client: Aspect Consulting
Collection Date: 12/15/2022 10:55:00 AM
Project: Skanska The Nine
Lab ID: 2212353-006
Matrix: Water
Client Sample ID: **AMW-03-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	238	96.0		µg/L	1	12/30/2022 11:57:40 AM
Heavy Oil	ND	96.0		µg/L	1	12/30/2022 11:57:40 AM
Total Petroleum Hydrocarbons	238	192		µg/L	1	12/30/2022 11:57:40 AM
Surr: 2-Fluorobiphenyl	83.4	50 - 150		%Rec	1	12/30/2022 11:57:40 AM
Surr: o-Terphenyl	105	50 - 150		%Rec	1	12/30/2022 11:57:40 AM
NOTES: Chromatographic pattern is not consistent with a petroleum standard						
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 11:23:26 PM
Surr: Toluene-d8	99.3	65 - 135		%Rec	1	12/20/2022 11:23:26 PM
Surr: 4-Bromofluorobenzene	96.9	65 - 135		%Rec	1	12/20/2022 11:23:26 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	2.76	0.500		µg/L	1	12/20/2022 11:23:26 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 11:23:26 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 11:23:26 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 11:23:26 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 11:23:26 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 11:23:26 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 11:23:26 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 11:23:26 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 11:23:26 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 11:23:26 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 11:23:26 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 11:23:26 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 11:23:26 PM

Client: Aspect Consulting
Collection Date: 12/15/2022 10:55:00 AM
Project: Skanska The Nine
Lab ID: 2212353-006
Matrix: Water
Client Sample ID: **AMW-03-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 11:23:26 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 11:23:26 PM
Toluene	ND	1.00		µg/L	1	12/20/2022 11:23:26 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 11:23:26 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 11:23:26 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 11:23:26 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 11:23:26 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 11:23:26 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 11:23:26 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 11:23:26 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 11:23:26 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 11:23:26 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 11:23:26 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 11:23:26 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 11:23:26 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 11:23:26 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 11:23:26 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 11:23:26 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/15/2022 10:55:00 AM
Project: Skanska The Nine
Lab ID: 2212353-006
Matrix: Water
Client Sample ID: **AMW-03-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: Dibromofluoromethane	102	80 - 120		%Rec	1	12/20/2022 11:23:26 PM
Surr: Toluene-d8	102	80 - 120		%Rec	1	12/20/2022 11:23:26 PM
Surr: 1-Bromo-4-fluorobenzene	97.4	80 - 120		%Rec	1	12/20/2022 11:23:26 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:40:36 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:42:54 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	1.50	1.50		µg/L	1	12/28/2022 1:10:51 PM
Barium	17.4	3.50		µg/L	1	12/28/2022 1:10:51 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 1:10:51 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 1:10:51 PM
Lead	ND	0.500		µg/L	1	12/28/2022 1:10:51 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 1:10:51 PM
Silver	ND	0.500		µg/L	1	12/28/2022 1:10:51 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	1.38	1.00		µg/L	1	12/21/2022 3:55:44 PM
Barium	16.9	2.00		µg/L	1	12/21/2022 3:55:44 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:55:44 PM
Chromium	ND	1.00		µg/L	1	12/21/2022 3:55:44 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:55:44 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:55:44 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:55:44 PM

Client: Aspect Consulting
Collection Date: 12/15/2022 12:55:00 PM
Project: Skanska The Nine
Lab ID: 2212353-007
Matrix: Water
Client Sample ID: **AMW-01D-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 38961		Analyst: KJ
Diesel Range Organics	ND	93.6		µg/L	1	12/30/2022 11:46:43 AM
Heavy Oil	ND	93.6		µg/L	1	12/30/2022 11:46:43 AM
Total Petroleum Hydrocarbons	ND	187		µg/L	1	12/30/2022 11:46:43 AM
Surr: 2-Fluorobiphenyl	101	50 - 150		%Rec	1	12/30/2022 11:46:43 AM
Surr: o-Terphenyl	115	50 - 150		%Rec	1	12/30/2022 11:46:43 AM
Gasoline by NWTPH-Gx				Batch ID: 38880		Analyst: LAC
Gasoline Range Organics	ND	50.0		µg/L	1	12/20/2022 11:54:23 PM
Surr: Toluene-d8	99.3	65 - 135		%Rec	1	12/20/2022 11:54:23 PM
Surr: 4-Bromofluorobenzene	96.4	65 - 135		%Rec	1	12/20/2022 11:54:23 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Dichlorodifluoromethane (CFC-12)	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Chloromethane	ND	0.750		µg/L	1	12/20/2022 11:54:23 PM
Vinyl chloride	ND	0.200		µg/L	1	12/20/2022 11:54:23 PM
Bromomethane	ND	3.00		µg/L	1	12/20/2022 11:54:23 PM
Trichlorofluoromethane (CFC-11)	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
Chloroethane	ND	1.00		µg/L	1	12/20/2022 11:54:23 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Acetone	ND	5.00		µg/L	1	12/20/2022 11:54:23 PM
Methylene chloride	ND	0.750		µg/L	1	12/20/2022 11:54:23 PM
trans-1,2-Dichloroethene	ND	0.350		µg/L	1	12/20/2022 11:54:23 PM
Methyl tert-butyl ether (MTBE)	ND	0.350		µg/L	1	12/20/2022 11:54:23 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
2-Butanone (MEK)	ND	1.50		µg/L	1	12/20/2022 11:54:23 PM
Chloroform	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,1,1-Trichloroethane (TCA)	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
1,1-Dichloropropene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Carbon tetrachloride	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
1,2-Dichloroethane (EDC)	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Benzene	ND	0.440		µg/L	1	12/20/2022 11:54:23 PM
Trichloroethene (TCE)	ND	0.400		µg/L	1	12/20/2022 11:54:23 PM
1,2-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
Bromodichloromethane	ND	0.250		µg/L	1	12/20/2022 11:54:23 PM
Dibromomethane	ND	0.250		µg/L	1	12/20/2022 11:54:23 PM
cis-1,3-Dichloropropene	ND	0.350		µg/L	1	12/20/2022 11:54:23 PM

Client: Aspect Consulting
Collection Date: 12/15/2022 12:55:00 PM
Project: Skanska The Nine
Lab ID: 2212353-007
Matrix: Water
Client Sample ID: **AMW-01D-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Toluene	ND	1.00		µg/L	1	12/20/2022 11:54:23 PM
trans-1,3-Dichloropropylene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Methyl Isobutyl Ketone (MIBK)	ND	1.00		µg/L	1	12/20/2022 11:54:23 PM
1,1,2-Trichloroethane	ND	0.250		µg/L	1	12/20/2022 11:54:23 PM
1,3-Dichloropropane	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
Tetrachloroethene (PCE)	ND	0.350		µg/L	1	12/20/2022 11:54:23 PM
Dibromochloromethane	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
1,2-Dibromoethane (EDB)	ND	0.200		µg/L	1	12/20/2022 11:54:23 PM
2-Hexanone (MBK)	ND	1.25		µg/L	1	12/20/2022 11:54:23 PM
Chlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,1,1,2-Tetrachloroethane	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
Ethylbenzene	ND	0.400		µg/L	1	12/20/2022 11:54:23 PM
m,p-Xylene	ND	1.00		µg/L	1	12/20/2022 11:54:23 PM
o-Xylene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Styrene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Isopropylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Bromoform	ND	0.300		µg/L	1	12/20/2022 11:54:23 PM
1,1,2,2-Tetrachloroethane	ND	0.200		µg/L	1	12/20/2022 11:54:23 PM
n-Propylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Bromobenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,3,5-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
2-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
4-Chlorotoluene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
tert-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,2,3-Trichloropropane	ND	0.400		µg/L	1	12/20/2022 11:54:23 PM
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	12/20/2022 11:54:23 PM
sec-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
4-Isopropyltoluene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
n-Butylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	12/20/2022 11:54:23 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	12/20/2022 11:54:23 PM
Naphthalene	ND	1.25		µg/L	1	12/20/2022 11:54:23 PM
1,2,3-Trichlorobenzene	ND	0.700		µg/L	1	12/20/2022 11:54:23 PM
Surr: Dibromofluoromethane	102	80 - 120		%Rec	1	12/20/2022 11:54:23 PM
Surr: Toluene-d8	103	80 - 120		%Rec	1	12/20/2022 11:54:23 PM

Analytical Report

Work Order: **2212353**
Date Reported: **12/30/2022**

Client: Aspect Consulting
Collection Date: 12/15/2022 12:55:00 PM
Project: Skanska The Nine
Lab ID: 2212353-007
Matrix: Water
Client Sample ID: **AMW-01D-12152022**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 38880		Analyst: MS
Surr: 1-Bromo-4-fluorobenzene	96.9	80 - 120		%Rec	1	12/20/2022 11:54:23 PM
Mercury by EPA Method 245.1				Batch ID: 38878		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/19/2022 5:42:18 PM
Dissolved Mercury by EPA Method 245.1				Batch ID: 38926		Analyst: SS
Mercury	ND	0.100		µg/L	1	12/22/2022 3:49:40 PM
Dissolved Metals by EPA Method 200.8				Batch ID: 38924		Analyst: EH
Arsenic	25.2	1.50		µg/L	1	12/28/2022 1:16:17 PM
Barium	23.0	3.50		µg/L	1	12/28/2022 1:16:17 PM
Cadmium	ND	0.200		µg/L	1	12/28/2022 1:16:17 PM
Chromium	ND	3.50		µg/L	1	12/28/2022 1:16:17 PM
Lead	ND	0.500		µg/L	1	12/28/2022 1:16:17 PM
Selenium	ND	6.00		µg/L	1	12/28/2022 1:16:17 PM
Silver	ND	0.500		µg/L	1	12/28/2022 1:16:17 PM
Total Metals by EPA Method 200.8				Batch ID: 38911		Analyst: EH
Arsenic	26.6	1.00		µg/L	1	12/21/2022 3:58:28 PM
Barium	27.0	2.00		µg/L	1	12/21/2022 3:58:28 PM
Cadmium	ND	0.200		µg/L	1	12/21/2022 3:58:28 PM
Chromium	1.43	1.00		µg/L	1	12/21/2022 3:58:28 PM
Lead	ND	0.500		µg/L	1	12/21/2022 3:58:28 PM
Selenium	ND	1.00		µg/L	1	12/21/2022 3:58:28 PM
Silver	ND	0.200		µg/L	1	12/21/2022 3:58:28 PM

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID: **MB-38924** SampType: **MBLK** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80766**
Client ID: **MBLKW** Batch ID: **38924** Analysis Date: **12/28/2022** SeqNo: **1670718**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.50									
Barium	ND	3.50									
Cadmium	ND	0.200									
Chromium	ND	3.50									
Lead	ND	0.500									
Selenium	ND	6.00									
Silver	ND	0.500									

Sample ID: **MB-38927FB** SampType: **MBLK** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80766**
Client ID: **MBLKW** Batch ID: **38924** Analysis Date: **12/28/2022** SeqNo: **1670719**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.50									
Barium	ND	3.50									
Cadmium	ND	0.200									
Chromium	ND	3.50									
Lead	ND	0.500									
Selenium	ND	6.00									
Silver	ND	0.500									

Sample ID: **LCS-38924** SampType: **LCS** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80766**
Client ID: **LCSW** Batch ID: **38924** Analysis Date: **12/28/2022** SeqNo: **1670720**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	486	1.50	500.0	0	97.3	85	115				
Barium	519	3.50	500.0	0	104	85	115				
Cadmium	24.3	0.200	25.00	0	97.4	85	115				
Chromium	487	3.50	500.0	0	97.3	85	115				
Lead	267	0.500	250.0	0	107	85	115				
Selenium	48.7	6.00	50.00	0	97.3	85	115				
Silver	25.0	0.500	25.00	0	100	85	115				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID: **LCS-38924**	SampType: **LCS**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80766**
Client ID: **LCSW**	Batch ID: **38924**		Analysis Date: **12/28/2022**	SeqNo: **1670720**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2212353-002DDUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80766**
Client ID: **AMW-04-12142022**	Batch ID: **38924**		Analysis Date: **12/28/2022**	SeqNo: **1670722**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.50						0		30	
Barium	15.5	3.50						15.97	2.99	30	
Cadmium	ND	0.200						0		30	
Chromium	ND	3.50						0		30	
Lead	ND	0.500						0		30	
Selenium	ND	6.00						0		30	
Silver	ND	0.500						0		30	

Sample ID: **2212353-002DMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80766**
Client ID: **AMW-04-12142022**	Batch ID: **38924**		Analysis Date: **12/28/2022**	SeqNo: **1670723**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	533	1.50	500.0	1.107	106	70	130				
Barium	606	3.50	500.0	15.97	118	70	130				
Cadmium	25.7	0.200	25.00	0	103	70	130				
Chromium	482	3.50	500.0	0	96.3	70	130				
Lead	277	0.500	250.0	0	111	70	130				
Selenium	52.7	6.00	50.00	0	105	70	130				
Silver	26.0	0.500	25.00	0	104	70	130				

Sample ID: **2212353-006DMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80766**
Client ID: **AMW-03-12152022**	Batch ID: **38924**		Analysis Date: **12/28/2022**	SeqNo: **1670731**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	514	1.50	500.0	1.502	102	70	130				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID: **2212353-006DMS** SampType: **MS** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80766**
Client ID: **AMW-03-12152022** Batch ID: **38924** Analysis Date: **12/28/2022** SeqNo: **1670731**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	576	3.50	500.0	17.38	112	70	130				
Cadmium	26.4	0.200	25.00	0	106	70	130				
Chromium	478	3.50	500.0	0	95.6	70	130				
Lead	274	0.500	250.0	0	109	70	130				
Selenium	53.3	6.00	50.00	0	107	70	130				
Silver	25.4	0.500	25.00	0	102	70	130				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-38911**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80661**
Client ID: **MBLKW**	Batch ID: **38911**		Analysis Date: **12/21/2022**	SeqNo: **1668349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Barium	ND	2.00									
Cadmium	ND	0.200									
Chromium	ND	1.00									
Selenium	ND	1.00									
Silver	ND	0.200									

Sample ID: **LCS-38911**	SampType: **LCS**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80661**
Client ID: **LCSW**	Batch ID: **38911**		Analysis Date: **12/21/2022**	SeqNo: **1668350**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	102	1.00	100.0	0	102	85	115				
Barium	100	2.00	100.0	0	100	85	115				
Cadmium	5.07	0.200	5.000	0	101	85	115				
Chromium	100	1.00	100.0	0	100	85	115				
Selenium	10.8	1.00	10.00	0	108	85	115				
Silver	5.20	0.200	5.000	0	104	85	115				

Sample ID: **2212443-001ADUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **12/21/2022**	RunNo: **80661**
Client ID: **BATCH**	Batch ID: **38911**		Analysis Date: **12/21/2022**	SeqNo: **1668352**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00						0		30	
Barium	10.9	2.00						11.07	1.61	30	
Cadmium	ND	0.200						0		30	
Chromium	ND	1.00						0		30	
Selenium	ND	1.00						0		30	
Silver	ND	0.200						0		30	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **2212443-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80661**
Client ID: **BATCH** Batch ID: **38911** Analysis Date: **12/21/2022** SeqNo: **1668353**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	106	1.00	100.0	0	106	70	130				
Barium	112	2.00	100.0	11.07	101	70	130				
Cadmium	5.29	0.200	5.000	0	106	70	130				
Chromium	101	1.00	100.0	0.7803	100	70	130				
Selenium	11.2	1.00	10.00	0	112	70	130				
Silver	5.20	0.200	5.000	0	104	70	130				

Sample ID: **2212353-002CMS** SampType: **MS** Units: **µg/L** Prep Date: **12/21/2022** RunNo: **80661**
Client ID: **AMW-04-12142022** Batch ID: **38911** Analysis Date: **12/21/2022** SeqNo: **1668366**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	111	1.00	100.0	1.090	110	70	130				
Barium	126	2.00	100.0	15.18	111	70	130				
Cadmium	5.34	0.200	5.000	0	107	70	130				
Chromium	100	1.00	100.0	1.640	98.4	70	130				
Selenium	11.5	1.00	10.00	0	115	70	130				
Silver	5.02	0.200	5.000	0	100	70	130				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Mercury by EPA Method 245.1

Sample ID: **MB-38878**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80611**		
Client ID: **MBLKW**	Batch ID: **38878**					Analysis Date: **12/19/2022**		SeqNo: **1666840**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-38878**	SampType: **LCS**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80611**		
Client ID: **LCSW**	Batch ID: **38878**					Analysis Date: **12/19/2022**		SeqNo: **1666841**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.03	0.100	1.000	0	103	85	115				

Sample ID: **2212231-001BDUP**	SampType: **DUP**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80611**		
Client ID: **BATCH**	Batch ID: **38878**					Analysis Date: **12/19/2022**		SeqNo: **1666843**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	1.00						0		20	

Sample ID: **2212231-001BMS**	SampType: **MS**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80611**		
Client ID: **BATCH**	Batch ID: **38878**					Analysis Date: **12/19/2022**		SeqNo: **1666844**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.3	1.00	10.00	0	103	70	130				

Sample ID: **2212231-001BMSD**	SampType: **MSD**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80611**		
Client ID: **BATCH**	Batch ID: **38878**					Analysis Date: **12/19/2022**		SeqNo: **1666845**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.6	1.00	10.00	0	106	70	130	10.30	2.87	20	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Mercury by EPA Method 245.1

Sample ID: **MB-38850FB** SampType: **MBLK** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80611**
Client ID: **MBLKW** Batch ID: **38878** Analysis Date: **12/19/2022** SeqNo: **1666848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Dissolved Mercury by EPA Method 245.1

Sample ID: **MB-38926**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **12/21/2022**		RunNo: **80736**		
Client ID: **MBLKW**	Batch ID: **38926**					Analysis Date: **12/22/2022**		SeqNo: **1669974**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-38926**	SampType: **LCS**			Units: **µg/L**		Prep Date: **12/21/2022**		RunNo: **80736**		
Client ID: **LCSW**	Batch ID: **38926**					Analysis Date: **12/22/2022**		SeqNo: **1669975**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.933	0.100	1.000	0	93.3	85	115				

Sample ID: **2212353-006DDUP**	SampType: **DUP**			Units: **µg/L**		Prep Date: **12/21/2022**		RunNo: **80736**		
Client ID: **AMW-03-12152022**	Batch ID: **38926**					Analysis Date: **12/22/2022**		SeqNo: **1670004**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100						0		20	

Sample ID: **2212353-006DMS**	SampType: **MS**			Units: **µg/L**		Prep Date: **12/21/2022**		RunNo: **80736**		
Client ID: **AMW-03-12152022**	Batch ID: **38926**					Analysis Date: **12/22/2022**		SeqNo: **1670005**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.05	0.100	1.000	0	105	70	130				

Sample ID: **2212353-006DMSD**	SampType: **MSD**			Units: **µg/L**		Prep Date: **12/21/2022**		RunNo: **80736**		
Client ID: **AMW-03-12152022**	Batch ID: **38926**					Analysis Date: **12/22/2022**		SeqNo: **1670006**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.02	0.100	1.000	0	102	70	130	1.050	2.90	20	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-38961** SampType: **MBLK** Units: **µg/L** Prep Date: **12/28/2022** RunNo: **80808**
Client ID: **MBLKW** Batch ID: **38961** Analysis Date: **12/29/2022** SeqNo: **1671602**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	ND	93.4									
Heavy Oil	ND	93.4									
Total Petroleum Hydrocarbons	ND	187									
Surr: 2-Fluorobiphenyl	23.1		23.35		99.0	50	150				
Surr: o-Terphenyl	27.7		23.35		119	50	150				

Sample ID: **LCS-38961** SampType: **LCS** Units: **µg/L** Prep Date: **12/28/2022** RunNo: **80808**
Client ID: **LCSW** Batch ID: **38961** Analysis Date: **12/29/2022** SeqNo: **1671603**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	956	191	1,197	0	79.9	45.7	115				
Surr: 2-Fluorobiphenyl	17.9		23.93		74.9	50	150				
Surr: o-Terphenyl	30.2		23.93		126	50	150				

Sample ID: **LCSD-38961** SampType: **LCSD** Units: **µg/L** Prep Date: **12/28/2022** RunNo: **80808**
Client ID: **LCSW02** Batch ID: **38961** Analysis Date: **12/29/2022** SeqNo: **1671604**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	874	188	1,176	0	74.3	45.7	115	955.8	8.99	30	
Surr: 2-Fluorobiphenyl	19.3		23.52		81.9	50	150		0		
Surr: o-Terphenyl	27.3		23.52		116	50	150		0		

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-38880**	SampType: **LCS**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80658**		
Client ID: **LCSW**	Batch ID: **38880**					Analysis Date: **12/20/2022**		SeqNo: **1668327**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	581	50.0	500.0	0	116	65	135				
Surr: Toluene-d8	25.6		25.00		103	65	135				
Surr: 4-Bromofluorobenzene	23.8		25.00		95.4	65	135				

Sample ID: **MB-38880**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80658**		
Client ID: **MBLKW**	Batch ID: **38880**					Analysis Date: **12/20/2022**		SeqNo: **1668326**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	50.0									
Surr: Toluene-d8	25.2		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	24.1		25.00		96.4	65	135				

Sample ID: **2212353-001ADUP**	SampType: **DUP**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80658**		
Client ID: **MW-08-12142022**	Batch ID: **38880**					Analysis Date: **12/20/2022**		SeqNo: **1668306**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	50.0						0		30	
Surr: Toluene-d8	24.8		25.00		99.1	65	135		0		
Surr: 4-Bromofluorobenzene	24.1		25.00		96.4	65	135		0		

Sample ID: **2212377-001ADUP**	SampType: **DUP**			Units: **µg/L**		Prep Date: **12/19/2022**		RunNo: **80658**		
Client ID: **BATCH**	Batch ID: **38880**					Analysis Date: **12/21/2022**		SeqNo: **1668318**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	50.0						0		30	
Surr: Toluene-d8	24.8		25.00		99.2	65	135		0		
Surr: 4-Bromofluorobenzene	24.2		25.00		96.8	65	135		0		

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2212353-007AMS** SampType: **MS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80658**
Client ID: **AMW-01D-12152022** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668313**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	703	50.0	500.0	0	141	65	135				S
Surr: Toluene-d8	24.7		25.00		99.0	65	135				
Surr: 4-Bromofluorobenzene	23.9		25.00		95.8	65	135				

NOTES:
Sample may be subject to carryover from a previous injection. Result may be high biased

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-38880** SampType: **LCS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **LCSW** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668443**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	17.0	0.500	20.00	0	85.0	80	120				
Chloromethane	17.4	0.750	20.00	0	86.8	80	120				
Vinyl chloride	16.7	0.200	20.00	0	83.4	80	120				
Bromomethane	20.4	3.00	20.00	0	102	80	120				
Trichlorofluoromethane (CFC-11)	21.1	0.300	20.00	0	105	80	120				
Chloroethane	18.2	1.00	20.00	0	91.0	80	120				
1,1-Dichloroethene	21.7	0.500	20.00	0	108	80	120				
Acetone	49.6	5.00	50.00	0	99.2	80	120				
Methylene chloride	20.9	0.750	20.00	0	104	80	120				
trans-1,2-Dichloroethene	21.2	0.350	20.00	0	106	80	120				
Methyl tert-butyl ether (MTBE)	20.1	0.350	20.00	0	100	80	120				
1,1-Dichloroethane	21.0	0.500	20.00	0	105	80	120				
cis-1,2-Dichloroethene	21.0	0.500	20.00	0	105	80	120				
2-Butanone (MEK)	52.2	1.50	50.00	0	104	80	120				
Chloroform	21.5	0.500	20.00	0	108	80	120				
1,1,1-Trichloroethane (TCA)	19.1	0.300	20.00	0	95.6	80	120				
1,1-Dichloropropene	20.6	0.500	20.00	0	103	80	120				
Carbon tetrachloride	20.1	0.300	20.00	0	101	80	120				
1,2-Dichloroethane (EDC)	21.4	0.500	20.00	0	107	80	120				
Benzene	20.7	0.440	20.00	0	103	80	120				
Trichloroethene (TCE)	19.5	0.400	20.00	0	97.7	80	120				
1,2-Dichloropropane	20.5	0.300	20.00	0	102	80	120				
Bromodichloromethane	20.6	0.250	20.00	0	103	80	120				
Dibromomethane	20.9	0.250	20.00	0	104	80	120				
cis-1,3-Dichloropropene	20.3	0.350	20.00	0	102	80	120				
Toluene	20.7	1.00	20.00	0	103	80	120				
trans-1,3-Dichloropropylene	19.2	0.500	20.00	0	96.2	80	120				
Methyl Isobutyl Ketone (MIBK)	50.2	1.00	50.00	0	100	80	120				
1,1,2-Trichloroethane	20.5	0.250	20.00	0	102	80	120				
1,3-Dichloropropane	21.1	0.300	20.00	0	105	80	120				
Tetrachloroethene (PCE)	20.1	0.350	20.00	0	100	80	120				
Dibromochloromethane	20.2	0.300	20.00	0	101	80	120				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-38880** SampType: **LCS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **LCSW** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668443**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	20.6	0.200	20.00	0	103	80	120				
2-Hexanone (MBK)	48.0	1.25	50.00	0	95.9	80	120				
Chlorobenzene	20.1	0.500	20.00	0	101	80	120				
1,1,1,2-Tetrachloroethane	19.4	0.300	20.00	0	97.0	80	120				
Ethylbenzene	20.3	0.400	20.00	0	101	80	120				
m,p-Xylene	39.4	1.00	40.00	0	98.6	80	120				
o-Xylene	19.6	0.500	20.00	0	97.8	80	120				
Styrene	20.0	0.500	20.00	0	99.8	80	120				
Isopropylbenzene	19.9	0.500	20.00	0	99.5	80	120				
Bromoform	18.5	0.300	20.00	0	92.5	80	120				
1,1,2,2-Tetrachloroethane	21.8	0.200	20.00	0	109	80	120				
n-Propylbenzene	20.8	0.500	20.00	0	104	80	120				
Bromobenzene	19.7	0.500	20.00	0	98.3	80	120				
1,3,5-Trimethylbenzene	19.3	0.500	20.00	0	96.6	80	120				
2-Chlorotoluene	19.3	0.500	20.00	0	96.4	80	120				
4-Chlorotoluene	19.9	0.500	20.00	0	99.6	80	120				
tert-Butylbenzene	19.4	0.500	20.00	0	97.2	80	120				
1,2,3-Trichloropropane	19.7	0.400	20.00	0	98.6	80	120				
1,2,4-Trichlorobenzene	19.8	0.750	20.00	0	98.9	80	120				
sec-Butylbenzene	20.3	0.500	20.00	0	101	80	120				
4-Isopropyltoluene	19.8	0.500	20.00	0	98.8	80	120				
1,3-Dichlorobenzene	19.2	0.500	20.00	0	96.2	80	120				
1,4-Dichlorobenzene	20.1	0.500	20.00	0	100	80	120				
n-Butylbenzene	21.6	0.500	20.00	0	108	80	120				
1,2-Dichlorobenzene	19.5	0.500	20.00	0	97.3	80	120				
1,2-Dibromo-3-chloropropane	18.1	1.00	20.00	0	90.4	80	120				
1,2,4-Trimethylbenzene	19.5	0.500	20.00	0	97.5	80	120				
Hexachloro-1,3-butadiene	20.1	0.500	20.00	0	100	80	120				
Naphthalene	20.0	1.25	20.00	0	100	80	120				
1,2,3-Trichlorobenzene	19.6	0.700	20.00	0	97.8	80	120				
Surr: Dibromofluoromethane	26.8		25.00		107	80	120				
Surr: Toluene-d8	26.0		25.00		104	80	120				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-38880**	SampType: **LCS**	Units: **µg/L**	Prep Date: **12/19/2022**	RunNo: **80664**
Client ID: **LCSW**	Batch ID: **38880**		Analysis Date: **12/20/2022**	SeqNo: **1668443**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	23.9		25.00		95.4	80	120				

Sample ID: **MB-38880**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **12/19/2022**	RunNo: **80664**
Client ID: **MBLKW**	Batch ID: **38880**		Analysis Date: **12/20/2022**	SeqNo: **1668441**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.500									
Chloromethane	ND	0.750									
Vinyl chloride	ND	0.200									
Bromomethane	ND	3.00									
Trichlorofluoromethane (CFC-11)	ND	0.300									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	0.500									
Acetone	ND	5.00									
Methylene chloride	ND	0.750									
trans-1,2-Dichloroethene	ND	0.350									
Methyl tert-butyl ether (MTBE)	ND	0.350									
1,1-Dichloroethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
2-Butanone (MEK)	ND	1.50									
Chloroform	ND	0.500									
1,1,1-Trichloroethane (TCA)	ND	0.300									
1,1-Dichloropropene	ND	0.500									
Carbon tetrachloride	ND	0.300									
1,2-Dichloroethane (EDC)	ND	0.500									
Benzene	ND	0.440									
Trichloroethene (TCE)	ND	0.400									
1,2-Dichloropropane	ND	0.300									
Bromodichloromethane	ND	0.250									
Dibromomethane	ND	0.250									
cis-1,3-Dichloropropene	ND	0.350									

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-38880** SampType: **MBLK** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **MBLKW** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668441**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	1.00									
trans-1,3-Dichloropropylene	ND	0.500									
Methyl Isobutyl Ketone (MIBK)	ND	1.00									
1,1,2-Trichloroethane	ND	0.250									
1,3-Dichloropropane	ND	0.300									
Tetrachloroethene (PCE)	ND	0.350									
Dibromochloromethane	ND	0.300									
1,2-Dibromoethane (EDB)	ND	0.200									
2-Hexanone (MBK)	ND	1.25									
Chlorobenzene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
Ethylbenzene	ND	0.400									
m,p-Xylene	ND	1.00									
o-Xylene	ND	0.500									
Styrene	ND	0.500									
Isopropylbenzene	ND	0.500									
Bromoform	ND	0.300									
1,1,2,2-Tetrachloroethane	ND	0.200									
n-Propylbenzene	ND	0.500									
Bromobenzene	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
tert-Butylbenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.400									
1,2,4-Trichlorobenzene	ND	0.750									
sec-Butylbenzene	ND	0.500									
4-Isopropyltoluene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
n-Butylbenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-38880** SampType: **MBLK** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **MBLKW** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668441**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.500									
Naphthalene	ND	1.25									
1,2,3-Trichlorobenzene	ND	0.700									
Surr: Dibromofluoromethane	25.9		25.00		104	80	120				
Surr: Toluene-d8	26.1		25.00		104	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.2		25.00		96.9	80	120				

Sample ID: **2212353-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **MW-08-12142022** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668424**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.500						0		30	
Chloromethane	ND	0.750						0		30	
Vinyl chloride	ND	0.200						0		30	
Bromomethane	ND	3.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.300						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	0.500						0		30	
Acetone	ND	5.00						0		30	
Methylene chloride	ND	0.750						0		30	
trans-1,2-Dichloroethene	ND	0.350						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.350						0		30	
1,1-Dichloroethane	ND	0.500						0		30	
cis-1,2-Dichloroethene	ND	0.500						0		30	
2-Butanone (MEK)	ND	1.50						0		30	
Chloroform	ND	0.500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.300						0		30	
1,1-Dichloropropene	ND	0.500						0		30	
Carbon tetrachloride	ND	0.300						0		30	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212353-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **MW-08-12142022** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668424**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	ND	0.500						0		30	
Benzene	ND	0.440						0		30	
Trichloroethene (TCE)	ND	0.400						0		30	
1,2-Dichloropropane	ND	0.300						0		30	
Bromodichloromethane	ND	0.250						0		30	
Dibromomethane	ND	0.250						0		30	
cis-1,3-Dichloropropene	ND	0.350						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropylene	ND	0.500						0		30	
Methyl Isobutyl Ketone (MIBK)	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	0.250						0		30	
1,3-Dichloropropane	ND	0.300						0		30	
Tetrachloroethene (PCE)	ND	0.350						0		30	
Dibromochloromethane	ND	0.300						0		30	
1,2-Dibromoethane (EDB)	ND	0.200						0		30	
2-Hexanone (MBK)	ND	1.25						0		30	
Chlorobenzene	ND	0.500						0		30	
1,1,1,2-Tetrachloroethane	ND	0.300						0		30	
Ethylbenzene	ND	0.400						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	0.500						0		30	
Styrene	ND	0.500						0		30	
Isopropylbenzene	ND	0.500						0		30	
Bromoform	ND	0.300						0		30	
1,1,2,2-Tetrachloroethane	ND	0.200						0		30	
n-Propylbenzene	ND	0.500						0		30	
Bromobenzene	ND	0.500						0		30	
1,3,5-Trimethylbenzene	ND	0.500						0		30	
2-Chlorotoluene	ND	0.500						0		30	
4-Chlorotoluene	ND	0.500						0		30	
tert-Butylbenzene	ND	0.500						0		30	
1,2,3-Trichloropropane	ND	0.400						0		30	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212353-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **MW-08-12142022** Batch ID: **38880** Analysis Date: **12/20/2022** SeqNo: **1668424**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.750						0		30	
sec-Butylbenzene	ND	0.500						0		30	
4-Isopropyltoluene	ND	0.500						0		30	
1,3-Dichlorobenzene	ND	0.500						0		30	
1,4-Dichlorobenzene	ND	0.500						0		30	
n-Butylbenzene	ND	0.500						0		30	
1,2-Dichlorobenzene	ND	0.500						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	
1,2,4-Trimethylbenzene	ND	0.500						0		30	
Hexachloro-1,3-butadiene	ND	0.500						0		30	
Naphthalene	ND	1.25						0		30	
1,2,3-Trichlorobenzene	ND	0.700						0		30	
Surr: Dibromofluoromethane	25.4		25.00		102	80	120		0		
Surr: Toluene-d8	25.4		25.00		102	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	24.2		25.00		96.8	80	120		0		

Sample ID: **2212377-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.500						0		30	
Chloromethane	ND	0.750						0		30	
Vinyl chloride	ND	0.200						0		30	
Bromomethane	ND	3.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.300						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	0.500						0		30	
Acetone	ND	5.00						0		30	
Methylene chloride	ND	0.750						0		30	
trans-1,2-Dichloroethene	ND	0.350						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.350						0		30	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212377-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	0.500						0		30	
cis-1,2-Dichloroethene	ND	0.500						0		30	
2-Butanone (MEK)	ND	1.50						0		30	
Chloroform	ND	0.500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.300						0		30	
1,1-Dichloropropene	ND	0.500						0		30	
Carbon tetrachloride	ND	0.300						0		30	
1,2-Dichloroethane (EDC)	ND	0.500						0		30	
Benzene	ND	0.440						0		30	
Trichloroethene (TCE)	ND	0.400						0		30	
1,2-Dichloropropane	ND	0.300						0		30	
Bromodichloromethane	ND	0.250						0		30	
Dibromomethane	ND	0.250						0		30	
cis-1,3-Dichloropropene	ND	0.350						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropylene	ND	0.500						0		30	
Methyl Isobutyl Ketone (MIBK)	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	0.250						0		30	
1,3-Dichloropropane	ND	0.300						0		30	
Tetrachloroethene (PCE)	ND	0.350						0		30	
Dibromochloromethane	ND	0.300						0		30	
1,2-Dibromoethane (EDB)	ND	0.200						0		30	
2-Hexanone (MBK)	ND	1.25						0		30	
Chlorobenzene	ND	0.500						0		30	
1,1,1,2-Tetrachloroethane	ND	0.300						0		30	
Ethylbenzene	ND	0.400						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	0.500						0		30	
Styrene	ND	0.500						0		30	
Isopropylbenzene	ND	0.500						0		30	
Bromoform	ND	0.300						0		30	
1,1,2,2-Tetrachloroethane	ND	0.200						0		30	

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212377-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	0.500						0		30	
Bromobenzene	ND	0.500						0		30	
1,3,5-Trimethylbenzene	ND	0.500						0		30	
2-Chlorotoluene	ND	0.500						0		30	
4-Chlorotoluene	ND	0.500						0		30	
tert-Butylbenzene	ND	0.500						0		30	
1,2,3-Trichloropropane	ND	0.400						0		30	
1,2,4-Trichlorobenzene	ND	0.750						0		30	
sec-Butylbenzene	ND	0.500						0		30	
4-Isopropyltoluene	ND	0.500						0		30	
1,3-Dichlorobenzene	ND	0.500						0		30	
1,4-Dichlorobenzene	ND	0.500						0		30	
n-Butylbenzene	ND	0.500						0		30	
1,2-Dichlorobenzene	ND	0.500						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	
1,2,4-Trimethylbenzene	ND	0.500						0		30	
Hexachloro-1,3-butadiene	ND	0.500						0		30	
Naphthalene	ND	1.25						0		30	
1,2,3-Trichlorobenzene	ND	0.700						0		30	
Surr: Dibromofluoromethane	25.3		25.00		101	80	120		0		
Surr: Toluene-d8	25.4		25.00		102	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	24.3		25.00		97.3	80	120		0		

Sample ID: **2212377-002AMS** SampType: **MS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	19.7	0.500	20.00	0	98.4	1.35	172				
Chloromethane	20.6	0.750	20.00	0	103	27.2	164				
Vinyl chloride	19.5	0.200	20.00	0	97.6	52.3	147				
Bromomethane	25.2	3.00	20.00	0	126	24.2	186				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212377-002AMS** SampType: **MS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane (CFC-11)	23.7	0.300	20.00	0	119	71.2	137				
Chloroethane	29.3	1.00	20.00	0	147	62.9	141				S
1,1-Dichloroethene	22.8	0.500	20.00	0	114	68	152				
Acetone	61.6	5.00	50.00	17.94	87.3	56.1	148				
Methylene chloride	22.6	0.750	20.00	0	113	73.7	132				
trans-1,2-Dichloroethene	22.7	0.350	20.00	0	114	79.1	131				
Methyl tert-butyl ether (MTBE)	19.1	0.350	20.00	0	95.6	60.2	140				
1,1-Dichloroethane	21.4	0.500	20.00	0	107	64.8	148				
cis-1,2-Dichloroethene	21.1	0.500	20.00	0	106	78.3	131				
2-Butanone (MEK)	78.5	1.50	50.00	35.69	85.7	53.6	145				
Chloroform	22.3	0.500	20.00	0	111	78.9	131				
1,1,1-Trichloroethane (TCA)	20.7	0.300	20.00	0	103	76.6	143				
1,1-Dichloropropene	22.3	0.500	20.00	0	112	73.9	146				
Carbon tetrachloride	22.2	0.300	20.00	0	111	79.5	133				
1,2-Dichloroethane (EDC)	20.8	0.500	20.00	0	104	67.8	140				
Benzene	22.1	0.440	20.00	0	111	78.5	133				
Trichloroethene (TCE)	21.0	0.400	20.00	0	105	75	133				
1,2-Dichloropropane	21.4	0.300	20.00	0	107	71.4	139				
Bromodichloromethane	21.3	0.250	20.00	0	106	76.1	130				
Dibromomethane	20.7	0.250	20.00	0	104	75.5	130				
cis-1,3-Dichloropropene	19.8	0.350	20.00	0	99.1	68.4	128				
Toluene	22.2	1.00	20.00	0	111	77	133				
trans-1,3-Dichloropropylene	18.1	0.500	20.00	0	90.5	63.8	132				
Methyl Isobutyl Ketone (MIBK)	43.6	1.00	50.00	0	87.3	55.6	145				
1,1,2-Trichloroethane	19.9	0.250	20.00	0	99.7	70.1	138				
1,3-Dichloropropane	20.5	0.300	20.00	0	102	67.7	139				
Tetrachloroethene (PCE)	23.8	0.350	20.00	1.534	111	78	131				
Dibromochloromethane	20.2	0.300	20.00	0	101	72.6	129				
1,2-Dibromoethane (EDB)	20.2	0.200	20.00	0	101	67.7	137				
2-Hexanone (MBK)	40.4	1.25	50.00	0	80.8	48.5	148				
Chlorobenzene	21.4	0.500	20.00	0	107	80.9	124				
1,1,1,2-Tetrachloroethane	20.2	0.300	20.00	0	101	75	133				

Work Order: 2212353
CLIENT: Aspect Consulting
Project: Skanska The Nine

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2212377-002AMS** SampType: **MS** Units: **µg/L** Prep Date: **12/19/2022** RunNo: **80664**
Client ID: **BATCH** Batch ID: **38880** Analysis Date: **12/21/2022** SeqNo: **1668437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	21.6	0.400	20.00	0	108	77.9	133				
m,p-Xylene	41.8	1.00	40.00	0	104	74.8	133				
o-Xylene	20.9	0.500	20.00	0	104	81.2	126				
Styrene	21.3	0.500	20.00	0	106	75.7	126				
Isopropylbenzene	21.9	0.500	20.00	0	110	79.1	132				
Bromoform	17.5	0.300	20.00	0	87.4	68.3	132				
1,1,2,2-Tetrachloroethane	19.2	0.200	20.00	0	96.0	62.8	148				
n-Propylbenzene	22.9	0.500	20.00	0	115	77.2	137				
Bromobenzene	21.2	0.500	20.00	0	106	79.9	124				
1,3,5-Trimethylbenzene	21.5	0.500	20.00	0	107	73.9	142				
2-Chlorotoluene	21.0	0.500	20.00	0	105	73.5	140				
4-Chlorotoluene	21.8	0.500	20.00	0	109	73.5	140				
tert-Butylbenzene	22.0	0.500	20.00	0	110	79.5	131				
1,2,3-Trichloropropane	16.7	0.400	20.00	0	83.5	63.1	139				
1,2,4-Trichlorobenzene	20.0	0.750	20.00	0	99.8	60.4	135				
sec-Butylbenzene	23.2	0.500	20.00	0	116	77.9	136				
4-Isopropyltoluene	23.1	0.500	20.00	0	115	69.9	147				
1,3-Dichlorobenzene	20.1	0.500	20.00	0	101	79.3	131				
1,4-Dichlorobenzene	20.9	0.500	20.00	0	105	79.1	131				
n-Butylbenzene	23.5	0.500	20.00	0	117	76	137				
1,2-Dichlorobenzene	20.0	0.500	20.00	0	100	79.3	131				
1,2-Dibromo-3-chloropropane	15.5	1.00	20.00	0	77.7	47.7	153				
1,2,4-Trimethylbenzene	21.9	0.500	20.00	0	110	74.3	142				
Hexachloro-1,3-butadiene	21.9	0.500	20.00	0	110	68.5	136				
Naphthalene	19.2	1.25	20.00	0	96.1	51.6	149				
1,2,3-Trichlorobenzene	18.8	0.700	20.00	0	94.2	56.6	142				
Surr: Dibromofluoromethane	25.8		25.00		103	80	120				
Surr: Toluene-d8	25.6		25.00		103	80	120				
Surr: 1-Bromo-4-fluorobenzene	24.6		25.00		98.2	80	120				

NOTES:
S - Outlying spike recoveries were associated with this sample.

Sample Log-In Check List

Client Name:	AC	Work Order Number:	2212353
Logged by:	Clare Griggs	Date Received:	12/15/2022 5:46:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☑	NA ☐
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	3.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 12/14/22 Page: 1 of: 1

Laboratory Project No (internal): 2212353

Project Name: Skanska The Nine

Special Remarks: Dissolved metals via field filtered

Project No: 220045

Client: Aspect Consulting

Collected by: DJM / NTL

Address:

Location:

City, State, Zip:

Report To (PM): Amelia Oates, Jessica Smith

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email: aoates@aspectconsulting.com, JSmith@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	MW-08-12142022	12/14/22	1050	W	7	X		X		X			X	X			
2	AMW-04-12142022		1130														
3	MW-09-12142022		1240														
4	AMW-02-12142022		1325														
5	AMW-01S-12142022		1430														
6	AMW-03-12152022	12/15/22	1055	W	7												
7	AMW-01D-12152022	12/15/22	1255	W	7												
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☑ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ☐ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x	Ashley Rowe	12/15 1643	x		12/15/22 1746
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		