PARTNER
Engineering and Science, Inc.

More Than Just Assessments.
Solutions.

GROUNDWATER SAMPLING & MONITORING REPORT

Former Church of God in Christ Facility (COGIC)

U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington 98444

Report Date

September 18, 2024

Partner Project No.

ES24-444966

Prepared for:

AMERCO Real Estate Company
2727 North Central Avenue
Phoenix, Arizona 85004

PARTNER

September 18, 2024

Valentina Smith
AMERCO Real Estate Company
2727 North Central Avenue
Phoenix, Arizona 85004

Subject: Groundwater Sampling & Monitoring Report
Former Church of God in Christ Facility (COGIC)
U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington 98444
Project Number: ES24-444964

Dear Ms. Smith:

Partner Engineering and Science, Inc. is pleased to provide the results of the Groundwater Sampling & Monitoring event performed at the above-referenced property. The following report describes the field activities, methods, and findings of the Phase II Subsurface Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Mitchell Williams at (206) 612-0824.

Sincerely,

Partner Engineering and Science, Inc.

Mitchell Williams, LG
Senior Project Manager

Martin Acaster, LG
Senior Geologist

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 Purpose

Partner provided oversight as monitoring well development and sampling was performed for four existing monitoring wells located at 9201 Pacific Avenue in Tacoma, Washington ("the Site"). The purpose of the project was to evaluate current concentrations of petroleum hydrocarbons and volatile organic compounds (VOCs) in groundwater at the Site. This project was performed in accordance with the scope of work detailed in the approved June 7, 2024 proposal.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by AMERCO Real Estate Company (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at http://www.partneresi.com/terms-and-conditions.php.

2.0 SITE BACKGROUND

2.1 Site Description

The Site is located on the east side of Pacific Avenue South and the west side of "A" Street, approximately 600 feet north of 96th Street in the City of Tacoma, Pierce County, Washington. The Site is approximately 386,100 square feet (8.86 acres) in size and is developed with a large one-story building with an approximate area of 61,230 square feet (Figure 1). In addition to the structure, the Site is improved with asphalt-paved parking areas. According to the USGS 7.5 Minute Tacoma South topographic map (Figure 2), the elevation of the Site is approximately 380 to 400 feet above mean seal level (amsl).

According to earlier reports, the building is roughly separated into three major units, 9201A (north end), 9201B (middle) and 9201C (south end). The middle unit is further divided into two sections, and the north end divided into one main section and several smaller sections with distinct entrances for each. Originally built as a strip shopping mall and recently used as a church and its associated activity center, the Site is currently occupied by U-Haul for commercial purposes (rented storage facility and vehicle maintenance).

The remaining portion of the Site consists large surrounding parking areas, a designated wetlands located in the northeast corner, an overgrown storm-water detention area located in the southeast corner and various landscaped areas located along the perimeters. The eastern half of the subject property is presently enclosed with a chain-link fence. The surrounding area is mostly used for residential and light commercial purposes. Based on measurements made during this groundwater monitoring event, depth to water was between 8.82 and 14.00 feet bgs.

2.2 Site History

Partner reviewed various reports, data and communications by ATC Group Services, LLC (ATC), provided by AMERCO to develop the scope of work for the current Site characterization activities.

Site assessment to date has identified releases of gasoline and diesel-range petroleum hydrocarbons, VOCs and polycyclic aromatic hydrocarbons (PAHs) to soil and groundwater at the Site. Based on review of these documents, Partner understands three potential releases have been documented at the Site as follows:

- Release of dry-cleaning solvents from activities at a commercial dry cleaner that operated on the Site between approximately 1965-1984;
- Potential gasoline-impacted groundwater may possibly be encroaching from an adjacent property (9001 Pacific Avenue);
- Documented release from an on-site transformer because of vandalism on the Site during 2013.

The Site is enrolled in the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP). The most recent correspondence from Ecology (with the exception of notifications of Site Manager change and Change of Contact forms) provided by AMERCO or available on the Ecology's website was a letter dated April 4, 2017, which detailed the agency's request for additional site characterization. Although a round of groundwater sampling and monitoring was scheduled to occur on December 26, 2023, Partner was unable to locate any further information (field notes, analytical data or report text) related to that event for review and concluded that the work was not previously performed by ATC.

3.0 GROUNDWATER ASSESSMENT FIELD ACTIVITIES

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Health and Safety Plan

Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of field activities.

3.2 Sample Locations

Four existing groundwater monitoring wells were developed and sampled. Refer to Figure 3 for a map of the Site layout including the well locations.

3.3 Groundwater Sampling

On July 24, 2024, Partner provided oversight as Blaine Tech (Blaine) inspected the existing monitoring wells and provided and operated well development equipment. Each well was purged and monitored for turbidity, pH, electric conductivity (EC), salinity, dissolved oxygen, and temperature until each parameter was determined to be stable for two to three purge volumes.

Following well purging activities, on July 24, 2024, each of the four monitoring wells were sampled. Wells were gauged prior to sampling utilizing a water level meter. Additionally, the depth of each well was measured. Based on the well depth, well diameter, and water depth, purge volumes were calculated for each well. Three purge volumes were pumped from each well utilizing a submersible pump. For each purge volume, the color, turbidity, pH, conductivity, dissolved oxygen, temperature, and salinity were measured using a Hanna meter (Blaine equipment number 0460037101). Once the purge was complete, a low flow pump was utilized to collect the samples. Samples were retained in eight hydrochloric acid-preserved VOA vials for each well sampled for a total of 16 VOA vials. The VOA vials were labeled for identification and stored in an iced cooler. Refer to Appendix A for the groundwater sampling field sheets and Appendix B for the laboratory analytical report.

3.4 Post-Sampling Activities

Well development and purge water was containerized in properly labeled and sealed 55-gallon drums and stored on site. The derived waste will be profiled and transported under proper waste manifest to an appropriate licensed off-site facility for recycling and/or disposal pending the necessary laboratory analysis results for waste profiling.

4.0 DATA ANALYSIS

4.1 Laboratory Analysis

Four groundwater samples were collected on July 24, 2024, which were transported in an iced cooler under chain-of-custody protocol to Pace Analytical (Pace) a state-certified laboratory [Environmental Laboratory Accreditation Program (ELAP) certificate number C847] in Mount Juliet, Tennessee for analysis. All seven groundwater samples were analyzed for GRO via Method NWTPH-Gx, for DRO and RRO, respectively via Method NWTPH-Dx/DxExtended, for VOCs via EPA Method 8260D.

Laboratory analytical results are included in Appendix B and discussed below.

4.2 Regulatory Agency Comparison Criteria

Washington Department of Ecology Model Toxics Control Act (MTCA)

Ecology promulgated the Model Toxics Control Act (MTCA) Cleanup Regulation (Chapter 173-340 of the WAC) to establish administrative processes and standards for identifying, investigating, and cleaning up facilities where there has been a release or threatened release of a hazardous substance or substances that may pose a threat to human health and/or the environment. The MTCA Cleanup Regulation provides Method A for establishing cleanup levels (CULs) for soil and groundwater for unrestricted land use and Method B for establishing CULs for commercial sites. Method B consists of a Cancer CUL (soil and groundwater) or Soil Gas Screening Level (SGSL, soil gas) and Noncancer CUL or SL. MTCA B Cancer establishes the concentration threshold for analytes at which the human health risk is cancer. MTCA B Noncancer establishes concentration thresholds for analytes at which the human health risk is a noncancer effect. In cases where MTCA Method B is used, data is compared to the most conservative CUL/SGSL. Based on the current use and presumed future use of the subject property, results were compared to MTCA Method A and/or B Cleanup Levels and SGSLs.

4.3 Groundwater Sample Data Analysis

GRO was detected in one of the analyzed groundwater samples (MW-2 – 88.3 ug/L) at a concentration above the laboratory reporting detection limits (RDLs) but below the MTCA Method A groundwater CUL for unrestricted land use (ULU) of 800 ug/L (due to the presence of benzene).

DRO was detected in one of the analyzed groundwater samples (MW-1 – 185 ug/L) at a concentration above the laboratory reporting detection limits (RDLs) but below the MTCA Method A groundwater CUL for ULU of 500 ug/L. RRO was detected in one of the analyzed groundwater samples (MW-1 – 176 ug/L) at a concentration above the laboratory reporting detection limits (RDLs) but below the MTCA Method A groundwater CUL for ULU of 500 ug/L. The sum of the detected values for DRO and RRO in the sample collected from monitoring well MW-1 (361 ug/L) did not exceed the cumulative CUL of 500 ug/L.

VOC compounds were detected were detected in one or more of the analyzed groundwater samples at concentrations exceeding the laboratory RLs. Tetrachloroethene (PCE), trichloroethene (TCE) and cis-1,2-Dichloroethene (cis-1,2 DCE) were detected in the groundwater samples collected from monitoring well MW-2 at concentrations exceeding one or more applicable CULs. PCE was detected in the sample collected

from monitoring well MW-2 at a concentration of 116 ug/L, which exceeds the MTCA Method A ULU CUL of 5 ug/L. TCE was detected in the sample collected from monitoring well MW-2 at a concentration of 25.9 ug/L which also exceeds the MTCA Method A ULU CUL of 5 ug/L. Cis-1,2 DCE was reported in the sample collected from MW-2 at a concentration of 50.4 ug/L, exceeding the MTCA Method B Noncancer CUL of 16 ug/L and the Washington State Groundwater Maximum Contaminant Level (MCL) of 70 ug//L. Of the VOCs analyzed, concentrations only exceeded applicable CULs in the sample collected from monitoring well MW-2. All other detected VOC concentrations were below applicable groundwater CULs.

Refer to Tables 1 and 2 for groundwater sample GRO, DRO, RRO and VOCs laboratory analysis results and Figure 4 for Groundwater Analytical Results Detections & Exceedances 4.

4.4 Discussion

Based on the results of this assessment, VOC groundwater impacts appear focused in the area of MW-2 (Figures 4 thorough 6). PCE, TCE and cis-1,2 DCE have been detected at concentrations exceeding their CULs in samples collected from MW-2 since the onset of groundwater sampling in December 2014. Benzene was detected at a concentration exceeding its CUL in the sample collected from monitoring well MW-4 during one sampling event in December 2020. These historic and current analytical data suggest the VOC-impacted groundwater plume is stable and limited in areal extent. However, the lateral extent of VOC impacts have not been defined to the west, west-northwest or to the east of MW-2 in shallow groundwater and no vertical delineation has been performed to date.

During the course of this investigation, Partner reviewed two communications from Ecology (dated August 26, 2015 and April 7, 2017). In these letters Ecology expressed their opinion that characterization of the Site was insufficient. In the 2015 letter, Ecology requested additional characterization as follows:

- Additional information including the configuration of the dry-cleaning site during the years of operation, including material storage, back door location, location of dry cleaning equipment and the location of utility vaults should be added to Site figures;
- Evaluate the PCE vapor intrusion risk for occupants of the affected tenant space via a Tier II Assessment (as discussed in Ecology's 2009 Draft VI Guidance) or mitigation as required;
- Further delineation of the soil contaminant mass contributing the groundwater impacts;
- Further vertical delineation of groundwater impacts;
- Refinement of the Conceptional Site Model (CSM).

The 2017 letter reiterated the above requirements and added the following:

- Delineated contour maps for COC concentrations in soil, soil vapor and groundwater for releases resulting from the dry cleaner operations, a gasoline plume reported to be encroaching onto the Site from a former leaking UST at 9001 Pacific Avenue and a chemical spill of transformer fluid that occurred at the Site during 2013;
- Regularly scheduled monitoring and sampling of existing monitoring wells;
- Additional soil and groundwater data for delineation of impacts to the north, west and south of location B-2 and to the east and west of location B-12 (2014);

- Vertical delineation soil and groundwater impacts to be performed by installing a deeper (anticipated minimum depth of 40 feet bgs) monitoring well in the area of existing monitoring well MW-2;
- If the preferred remedial alternative relies on the existence of a low permeability barrier to impede contaminant migration, this should be documented through aquifer testing;
- Further delineation of petroleum impacts hypothesized to be sourced from an offsite location to the north (9001 Pacific Avenue);
- Conduct sub-slab vapor and indoor air sampling simultaneously with analysis for chlorinated solvents, other identified COCs, air-phase petroleum hydrocarbons (APHs), using method TO-15;
- Other common solvents (Freon 113, 1,1,1-TCA, and 1,4-dioxane) may need to be evaluated;
- Conduct a Terrestrial Ecological Evaluation (TEE) and incorporate all cleanup standards determined appropriate by that evaluation in the CSM and subsequent cleanup levels and action plans.

5.0 SUMMARY AND RECOMMENDATIONS

Partner conducted a groundwater sampling and monitoring event at the Site to evaluate the current groundwater condition with respect to petroleum and VOC concentrations.

Petroleum constituents (GRO, DRO and RRO) were not detected in any of the analyzed groundwater samples at concentrations above laboratory RDLs. Laboratory RDLs were well below applicable CULs.

VOC compounds including PCE, TCE and cis-1,2 DCE were detected in the analyzed sample collected from monitoring well MW-2 at concentrations exceeding their respective MTCA Method B groundwater CULs or MCLs.

Partner recommends the performance of quarterly groundwater sampling and monitoring events at the Site. Partner also anticipates Ecology will require further lateral and vertical delineation of groundwater impacts below the Site. Partner recommends the installation of three additional groundwater monitoring wells to the north, northwest and east of MW-2 for additional lateral delineation and the installation of a single deep monitoring well in the vicinity of existing monitoring well MW-2 for vertical delineation of the VOC impacts in groundwater.

Partner recommends further discussion with Ecology to facilitate development of an adequate CSM and a workplan for adequate characterization of the Site including lateral and vertical delineation of soil, soil vapor and groundwater impacts followed by development of a Cleanup Action Plan for the Site.

TABLES

Table 1: Monitoring Well Details
Former Church of God in Christ Facility (COGIC)
U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington, 98444
Project Number: ES24-444964
July 2024

Well Identification	Casing Diameter (inches)	Casing Material	Well Depth (feet bgs)	Screen Length (feet)	Screened Interval (feet bgs)	Reference Elevation (feet amsl)
MW-1	2	PVC	18	5	13-18	387.07
MW-2	2	PVC	18	5	13-18	386.99
MW-3	2	PVC	18	5	13-18	387.59
MW-4	2	PVC	19	5	14-19	386.46
MW-5	2	PVC	40	10	30-40	388.80

Notes:
N/A = Not applicable
bgs = below ground surface
TOC = top of well casing
amsl = above mean sea level
PVC (S40) = polyvinyl chloride (schedule 40)

Table 2: Groundwater Gauging Data
Former Church of God in Christ Facility (COGIC)
U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington, 98444
Project Number: ES24-444964
July 2024

Well Identification	Date Sampled	Reference Elevation (ft amsl)	Depth to Groundwater (ft bmp)	Groundwater Elevation (ft amsl)
MW-1	07/24/24	387.07	8.82	378.25
MW-2	07/24/24	386.99	11.32	375.67
MW-3	07/24/24	387.59	10.94	376.65
MW-4	07/24/24	386.46	14.00	372.46
MW-5	07/24/24	388.80	NS	NS

Notes:
ft amsl = feet above mean sea level
ft bmp = Feet below surveyed measuring point on north side of polyvinyl chloride (PVC) well casing. Wells were surveyed by previous consultant.

Table 3: Groundwater GRO, DRO and RRO Results
Former Church of God in Christ Facility (COGIC)
U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington, 98444
Project Number: ES24-444964

EPA Method Units	GRO, DRO and RRO via NWTPH-Gx/Dx/Extended (µg/L)				
Sample Identification	Date Sampled	GRO	DRO	RRO	DRO/RRO Combined
MW-1	12/29/2014	NA	NA	NA	NA
	3/12/2015	NA	NA	NA	NA
	2/8/2017	NA	NA	NA	NA
	9/12/2017	NA	NA	NA	NA
	12/5/2017	NA	NA	NA	NA
	12/22/2020	NA	NA	NA	NA
	3/24/2021	NA	NA	NA	NA
	7/24/2024	<100	**185 J**	**176 J**	**361**
MW-2	12/29/2014	NA	NA	NA	NA
	3/12/2015	NA	NA	NA	NA
	2/8/2017	NA	NA	NA	NA
	9/12/2017	NA	NA	NA	NA
	12/5/2017	NA	NA	NA	NA
	12/22/2020	NA	NA	NA	NA
	3/24/2021	NA	NA	NA	NA
	7/24/2024	**88.3 B,J**	<66.7	<83.3	<66.7
MW-3	1/13/2015	NA	NA	NA	NA
	3/12/2015	NA	NA	NA	NA
	2/8/2017	NA	NA	NA	NA
	9/12/2017	NA	NA	NA	NA
	12/5/2017	NA	NA	NA	NA
	12/22/2020	NA	NA	NA	NA
	3/24/2021	NA	NA	NA	NA
	7/24/2024	<100	<66.7	<83.3	<66.7
MW-4	2/25/2015	NA	NA	NA	NA
	3/12/2015	NA	NA	NA	NA
	2/8/2017	NA	NA	NA	NA
	9/12/2017	NA	NA	NA	NA
	12/5/2017	NA	NA	NA	NA
	12/22/2020	NA	NA	NA	NA
	3/24/2021	NA	NA	NA	NA
	7/24/2024	<100	<66.7	<83.3	<66.7
MW-5	2/8/2017	NA	NA	NA	NA
	9/12/2017	NA	NA	NA	NA
	12/5/2017	NA	NA	NA	NA
	12/22/2020	NA	NA	NA	NA
	3/24/2021	NA	NA	NA	NA
	7/24/2024	NS	NS	NS	NS
MTCA Cleanup Levels Method A Industrial		**800* / 1,000****	**500**	**500**	**500**

Notes:

NWTPH = Northwest Total Petroleum Hydrocarbons

GRO = gasoline-range organics

DRO = diesel-range organics

RRO = residual range organics

µg/L = micrograms per liter

MTCA Method A = groundwater cleanup levels based on protection of groundwater for noncarcinogenic effects during drinking water use (Washington State Department of Ecology [Ecology], Model Toxics Control

< = not detected above indicated laboratory Method Detection Limit (MDL)

Bold values exceed laboratory MDLs

* = GRO cleanup levels for GRO with no detectable benzene

NA = not analyzed

** = GRO cleanup levels for GRO with benzene present

Table 4: Groundwater VOCs Results
Former Church of God in Christ Facility (COGIC)
U-Haul Facility No. 702080
9201 Pacific Avenue
Tacoma, Washington, 98444
Project Number: ES24-444964
July 2024

EPA Method	Method	VOCs via EPA method 8260D																				
Units	Units	(µg/L)																				
Sample Identification	Date Sampled	Acetone	Benzene	sec-Butylbenzene	tert-Butylbenzene	1,1,1-Trichloroethane	Chloroform	1,1-Dichloroethane	trans-1,2-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methyl tert-butyl ether	PCE	Toluene	TCE	1,2,4-trimethylbenzene	1,2,3-trimethylbenzene	1,3,5-trimethylbenzene	Xylenes	Other VOCs
MW-1	12/29/2014	<5.0	**0.40**	**0.36**	ND	ND	<0.20	ND	<0.20	**0.33**	<0.20	**0.29**	**0.26**	ND	<0.20	<1.0	<0.20	**0.43**	ND	ND	**1.55**	ND
	3/12/2015	NA	---	ND	ND	ND	ND	ND	ND	---	---	---	**ND**	ND	---	---	---	ND	ND	ND	---	ND
	2/8/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	<1.00	<1.00	<1.00	ND
	9/12/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/5/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/22/2020	<0.548	**0.0230 J**	<0.101	**0.0930 J**	<0.0110	<0.0166	<0.0230	<0.572	<0.0190	<0.0276	<0.0212	<0.0345	<0.0118	<0.0280	<0.0500	<0.0160	<0.0464	<0.0460	<0.0432	<0.191	ND
	3/24/2021	<0.548	<0.0160	<0.101	**0.0810 J**	<0.0110	<0.0166	<0.0230	<0.572	<0.0190	<0.0276	<0.0212	<0.0345	<0.0118	<0.0280	<0.0500	<0.0160	<0.0464	<0.0460	<0.0432	<0.191	ND
	7/24/2024	<11.3	<0.0941	<0.125	<0.127	<0.149	<0.111	<0.100	<0.149	<0.0819	<0.126	<0.137	<0.105	<0.101	<0.300	<0.278	<0.190	<0.322	<0.104	<0.104	<0.174	ND
MW-2	12/29/2014	<5.0	<0.20	<0.20	ND	ND	**0.24**	ND	**0.78**	<0.20	**39**	<0.20	<0.20	ND	**40**	<1.0	**11**	<0.20	ND	ND	**0.72**	ND
	3/12/2015	NA	---	ND	ND	ND	ND	ND	ND	---	---	---	ND	ND	---	---	---	ND	ND	ND	---	ND
	2/8/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**6.12**	<1.00	<1.00	<1.00	**30.1**	<1.00	**4.41**	<1.00	<1.00	<1.00	<1.00	ND
	9/12/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**47.2**	<1.00	<1.00	<1.00	**81.2**	<1.00	**18.9**	<1.00	NA	<1.00	<1.00	ND
	12/5/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**14.4**	<1.00	<1.00	<1.00	**44.9**	<1.00	**8.14**	<1.00	NA	<1.00	<1.00	ND
	12/22/2020	<0.548	**0.0280 J**	<0.101	<0.0620	<0.0110	**0.427**	<0.0230	**0.793**	<0.0190	**70.7**	<0.0212	<0.0345	<0.0118	**85.8**	<0.0500	**25.4**	<0.0464	<0.0460	<0.0432	<0.191	ND
	3/24/2021	<0.548	**0.0260 J**	<0.101	<0.0620	<0.0110	**0.305**	**0.0300 J**	**0.901**	<0.0191	**71.3**	<0.0212	<0.0345	<0.0118	**130**	<0.0500	**30.8**	<0.0464	<0.0460	<0.0432	<0.191	ND
	7/24/2024	<11.3	<0.0941	<0.125	<0.127	<0.149	<0.111	<0.100	**0.866 J**	<0.0819	**50.4**	<0.137	<0.105	<0.101	**116**	<0.278	**25.9**	<0.322	<0.104	<0.104	<0.174	ND
MW-3	1/13/2015	<5.0	<0.20	<0.20	ND	ND	<0.20	ND	<0.20	<0.20	<0.20	<0.20	<0.20	ND	<0.20	<1.0	ND	<0.20	ND	ND	<0.040	ND
	3/12/2015	NA	---	ND	ND	ND	ND	ND	ND	---	---	---	ND	ND	---	---	---	ND	ND	ND	---	ND
	2/8/2017	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	<1.00	<1.00	<1.00	ND
	9/12/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/5/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/22/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/24/2021	**1.08**	<0.0160	<0.101	<0.0620	**0.0420 J**	<0.0166	<0.0230	<0.572	<0.0190	**0.0720 J**	<0.0212	<0.0345	<0.0118	**0.303**	<0.0500	**0.047**	<0.0464	<0.0460	<0.0432	<0.191	ND
	7/24/2024	<11.3	<0.0941	<0.125	<0.127	<0.149	<0.111	<0.100	<0.149	<0.0819	<0.126	<0.137	<0.105	<0.101	<0.300	<0.278	<0.190	<0.322	<0.104	<0.104	<0.174	ND
MW-4	2/25/2015	<5.0	<0.20	<0.20	ND	ND	<0.20	ND	<0.20	<0.20	**0.21**	<0.20	<0.20	ND	**1.1**	---	<0.20	<0.20	ND	ND	<0.040	ND
	3/12/2015	ND	---	ND	ND	ND	ND	ND	ND	**---**	---	---	ND	ND	---	---	---	ND	ND	ND	**---**	ND
	2/8/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	<1.00	<1.00	<1.00	ND
	9/12/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**1.63**	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/5/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/22/2020	<0.548	**14.1**	<0.101	<0.0620	<0.0110	<0.0166	<0.0230	<0.572	<0.0190	**0.388**	**0.373**	<0.0345	**0.0270 J**	**1.51**	**54.6**	**0.206**	**0.368**	**1.08**	**0.698**	**37.4**	ND
	3/24/2021	**1.06**	<0.0160	<0.101	<0.0620	<0.0110	**0.770 J**	<0.0230	<0.572	<0.0190	**0.253**	<0.0212	<0.0345	<0.0118	**0.970**	<0.0500	**0.120**	<0.0464	<0.0460	<0.0432	<0.191	ND
	7/24/2024	<11.3	<0.0941	<0.125	<0.127	<0.149	<0.111	<0.100	<0.149	<0.0819	**0.195 J**	<0.137	<0.105	<0.101	**1.03**	<0.278	<0.190	<0.322	<0.104	<0.104	<0.174	ND
MW-5	2/8/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	<1.00	<1.00	<1.00	ND
	9/12/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	ND	<1.00	<1.00	ND
	12/5/2017	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	NA	<1.00	<1.00	ND
	12/22/2020	<0.548	<0.0160	<0.101	<0.0620	<0.0110	<0.0166	<0.0230	<0.572	<0.0190	<0.0276	<0.0212	<0.0345	<0.0118	<0.0280	0.0650 J	<0.0160	<0.0464	<0.0460	<0.0432	<0.191	ND
	3/24/2021	<0.548	<0.0160	<0.101	<0.0620	<0.0110	<0.0166	<0.0230	<0.572	<0.0190	<0.0276	<0.0212	<0.0345	<0.0118	0.0900 J	<0.0500	<0.0160	<0.0464	<0.0460	<0.0432	<0.191	ND
	7/24/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MTCA Method A ULU		**NE**	**5**	**NE**	**NE**	**200**	**NE**	**NE**	**NE**	**5**	**NE**	**700**	**NE**	**20**	**5**	**1,000**	**5**	**NE**	**NE**	**NE**	**1,000**	**Varies**
MTCA Method B Cancer		**NE**	**0.8**	**NE**	**NE**	**NE**	**1.4**	**7.7**	**160**	**0.48**	**NE**	**NE**	**NE**	**24**	**21**	**NE**	**0.54**	**NE**	**NE**	**NE**	**NE**	**Varies**
MTCA Method B Noncancer		**7,200**	**32**	**800**	**800**	**16000**	**80**	**1600**	**NE**	**48**	**16**	**800**	**NE**	**NE**	**48**	**640**	**4**	**800**	**800**	**800**	**1,600**	**Varies**
Groundwater MCL		**7,200**	**5**	**NE**	**NE**	**200**	**80**	**NE**	**100**	**5**	**70**	**700**	**NE**	**NE**	**5**	**1000**	**5**	**NE**	**NE**	**NE**	**10,000**	**Varies**

Notes:

BTEX = Benzene, toluene, ethylbenzene and xylenes

EPA = United States Environmental Protection Agency

µg/L = micrograms per liter

MTBE = methyl tert-butyl ether

MTCA Method A = groundwater cleanup levels based on protection of groundwater for noncarcinogenic effects during drinking water use (Washington State Department of Ecology [Ecology], Model Toxics Control Act [MTCA], Cleanup Levels and Risk Calculation [CLARC], February 2021)

MTCA Method B = Groundwater cleanup level for direct contact (Ecology, MTCA, CLARC, February 2021)

< = not detected above indicated laboratory Method Detection Limit (MDL)

Bold values exceed laboratory MDLs

J = the identification of the analyte is acceptable; the reported value is an estimate

NE = a cleanup level has not been established NA = not analyzed

FIGURES

Legend and Notes:

Site Boundary

N

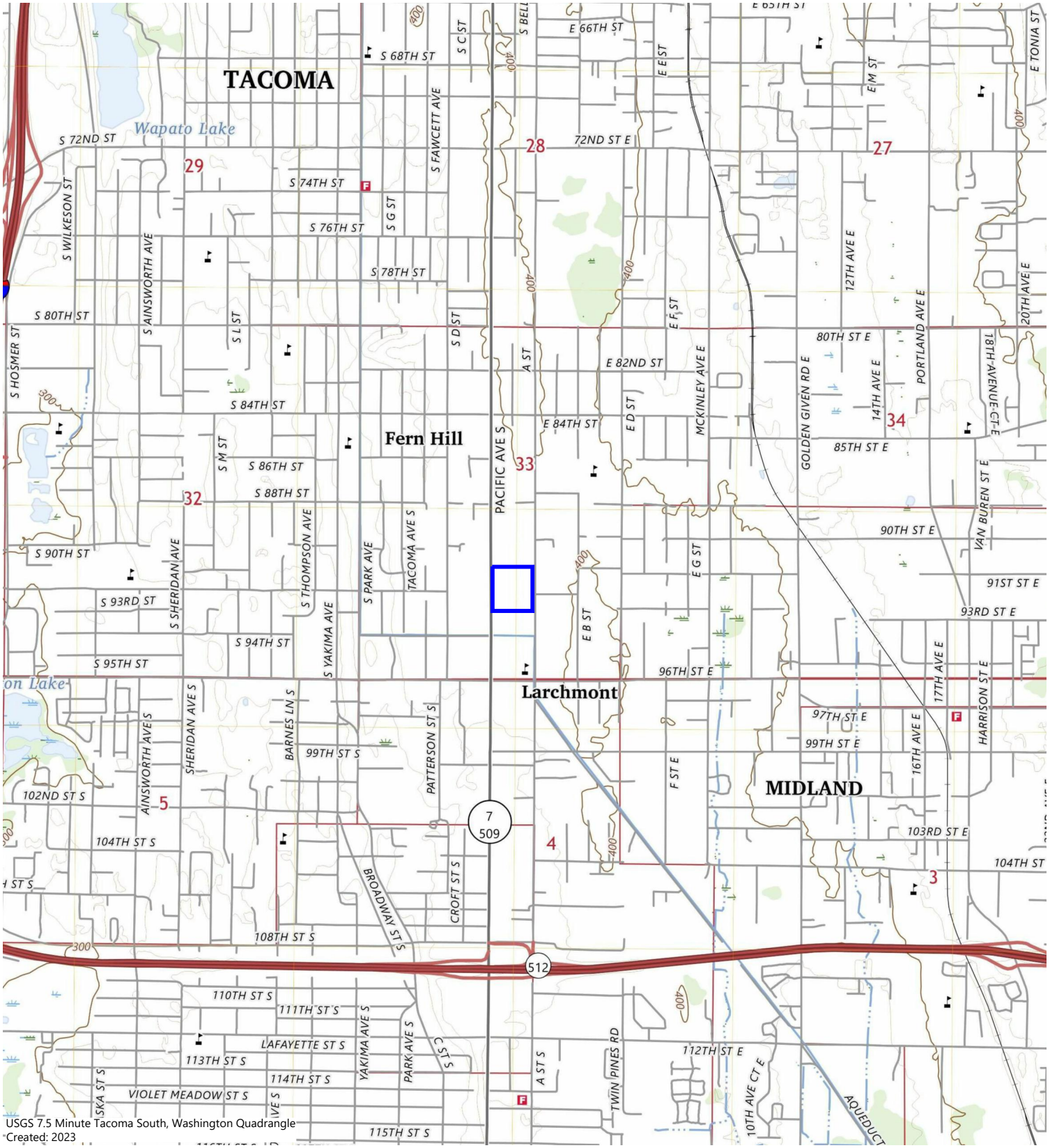
25' 0' 25' 50'

Approximate Scale

Title: Site Location Map			
Figure: 1	Prepared By: AS	Date: August 2024	Project Number: ES24-444966

Address:
9201 Pacific Avenue
Tacoma, Washington 98444

PARTNER
Engineering and Science, Inc.



USGS 7.5 Minute Tacoma South, Washington Quadrangle
Created: 2023

Legend and Notes:

Site Boundary

N

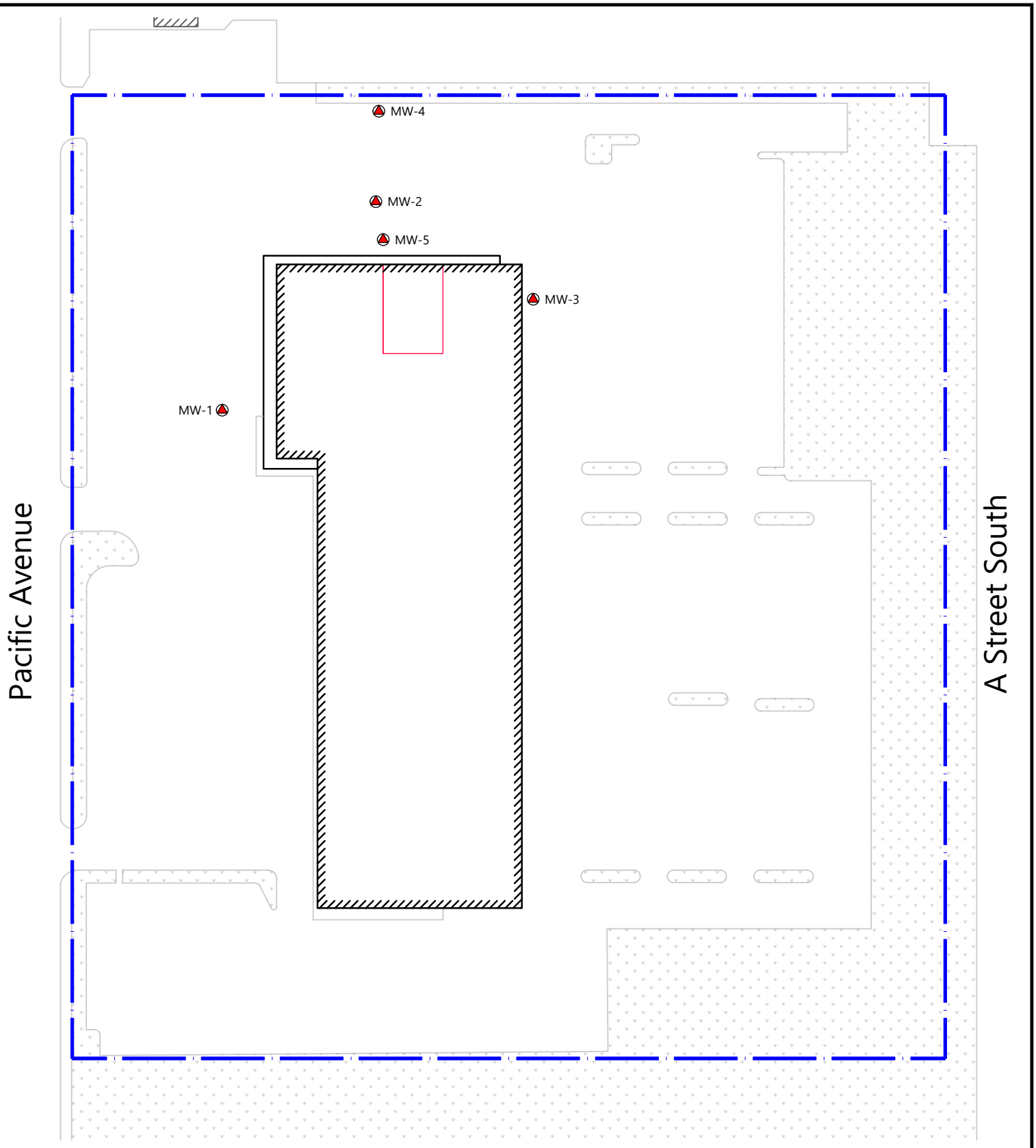
1,000' 0' 1,000' 2,000'

Approximate Scale

Title: **Topographic Map**			
Figure: **2**	Prepared By: **AS**	Date: **August 2024**	Project Number: **ES24-444966**

Address:
9201 Pacific Avenue
Tacoma, Washington 98444

PARTNER
Engineering and Science, Inc.



Legend and Notes:

- Site Boundary
- Monitoring Well Location
- Former Dry Cleaner Suite

N

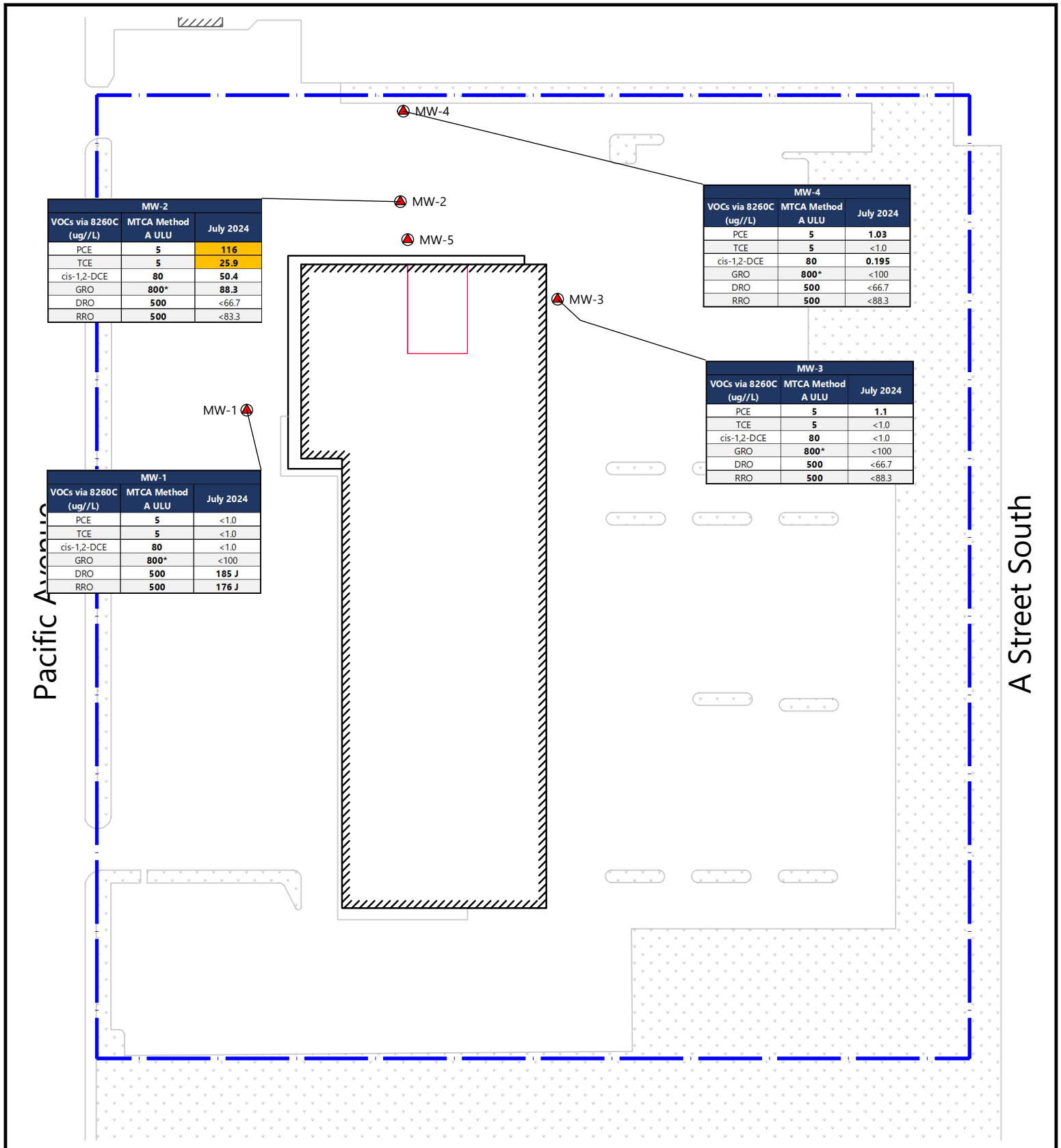
45' 0' 45' 90'

Approximate Scale

Title: **Groundwater Exceedances Map**			
Figure: 3	Prepared By: AS	Date: August 2024	Project Number: ES24-444966

Address:
9201 Pacific Avenue
Tacoma, Washington 98444

PARTNER
Engineering and Science, Inc.



MW-2		
VOCs via 8260C (ug//L)	MTCA Method A ULU	July 2024
PCE	**5**	**116**
TCE	**5**	**25.9**
cis-1,2-DCE	**80**	**50.4**
GRO	**800***	**88.3**
DRO	**500**	<66.7
RRO	**500**	<83.3

MW-4		
VOCs via 8260C (ug//L)	MTCA Method A ULU	July 2024
PCE	**5**	**1.03**
TCE	**5**	<1.0
cis-1,2-DCE	**80**	**0.195**
GRO	**800***	<100
DRO	**500**	<66.7
RRO	**500**	<88.3

MW-3		
VOCs via 8260C (ug//L)	MTCA Method A ULU	July 2024
PCE	**5**	**1.1**
TCE	**5**	<1.0
cis-1,2-DCE	**80**	<1.0
GRO	**800***	<100
DRO	**500**	<66.7
RRO	**500**	<88.3

MW-1		
VOCs via 8260C (ug//L)	MTCA Method A ULU	July 2024
PCE	**5**	<1.0
TCE	**5**	<1.0
cis-1,2-DCE	**80**	<1.0
GRO	**800***	<100
DRO	**500**	**185 J**
RRO	**500**	**176 J**

Legend and Notes:

Site Boundary

Monitoring Well Location

Former Dry Cleaner Suite

Concentration Exceeds MTCA Method A

- PCE = Tetrachloroethene
- TCE = Trichloroethene
- DCE = Dichloroethene
- GRO = Gasoline Range Organics
- DRO = Diesel Range Organics
- RRO = Residual Range Organics
- < = not detected above indicated laboratory Reporting Detection Limit (RDL) or Method Detection Limit (MDL)
- J = detected at a concentration below the laboratory RDL, but above the MDL
- * = Results in the diesel range caused by carryover from the gasoline range
- Concentrations in mg/L (micrograms per liter)

N

45' 0' 45' 90'

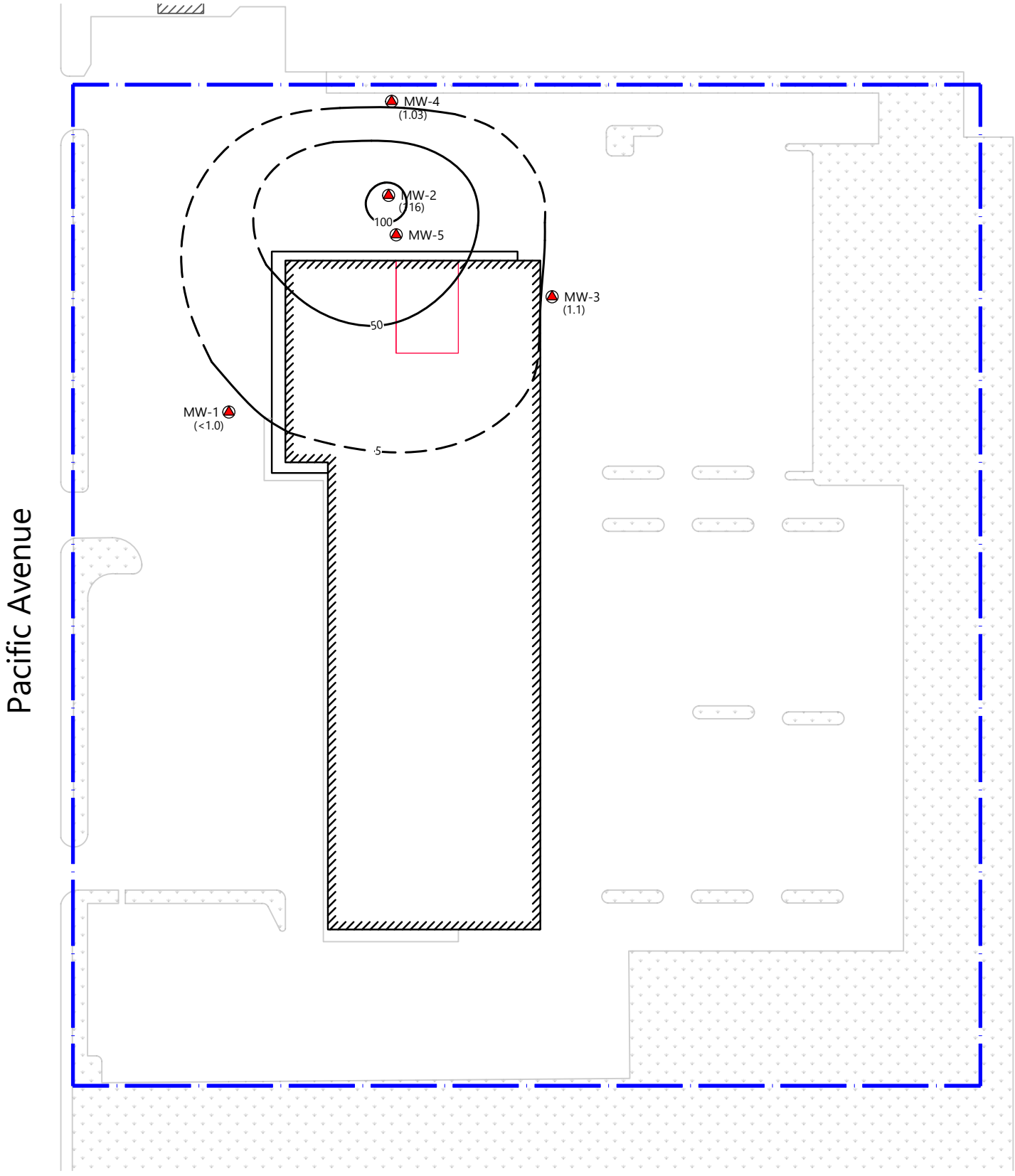
Approximate Scale

Title: **Groundwater Detections & Exceedances Map**

Figure:	Prepared By:	Date:	Project Number:
4	AS	August 2024	ES24-444966

Address:
9201 Pacific Avenue
Tacoma, Washington 98444

PARTNER
Engineering and Science, Inc.



Legend and Notes:

Site Boundary

Monitoring Well Location

Former Dry Cleaner Suite

- PCE = Tetrachloroethene
- Concentrations in ug/L (micrograms per liter)
- Contours dashed where inferred, quaried where unknown

N

45' 0' 45' 90'

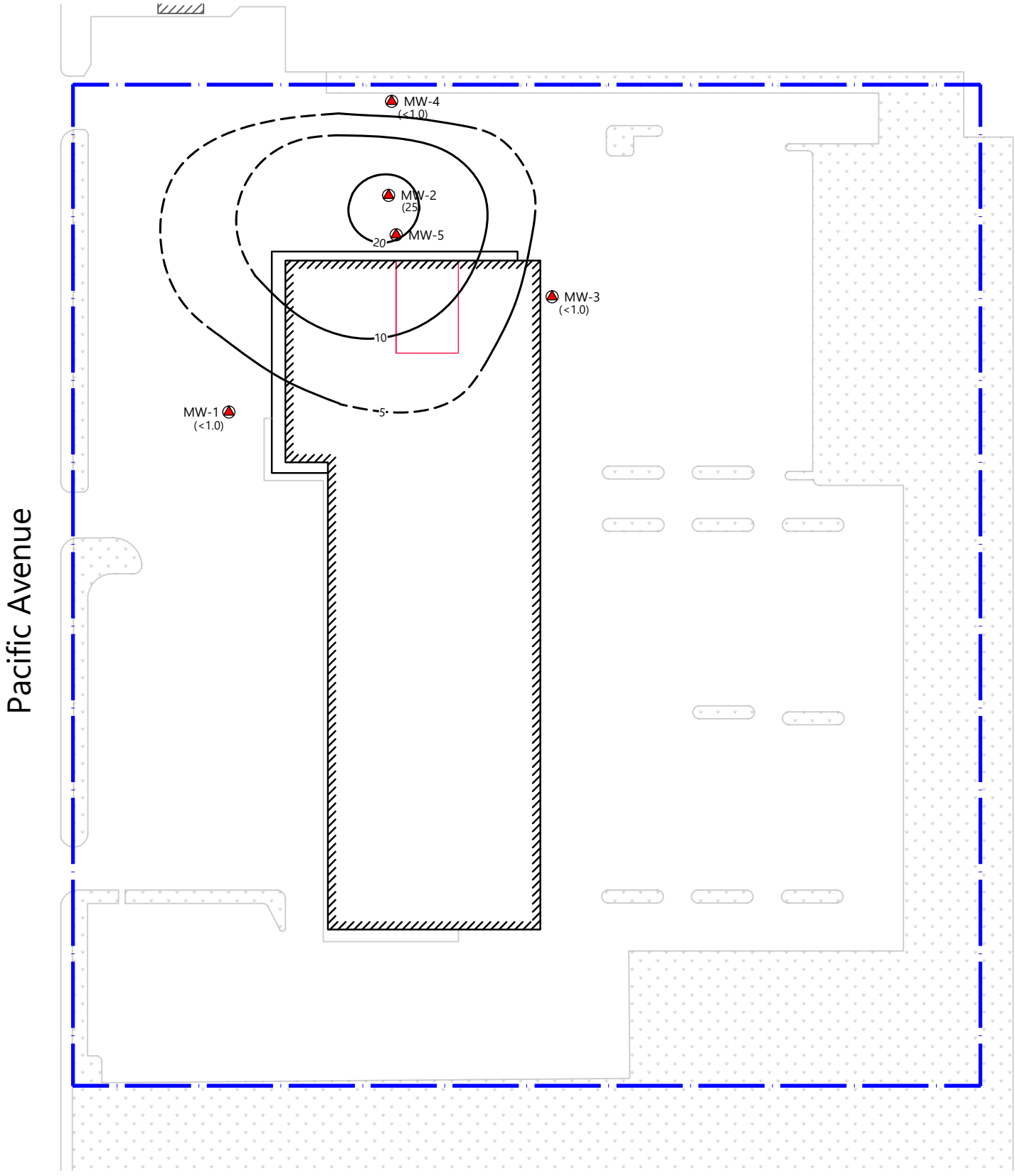
Approximate Scale

Title: **PCE Isocontours in Groundwater**

Figure:	Prepared By:	Date:	Project Number:
5	AS	August 2024	ES24-444966

Address:
9201 Pacific Avenue
Tacoma, Washington 98444

PARTNER
Engineering and Science, Inc.



Legend and Notes:

Site Boundary

Monitoring Well Location

Former Dry Cleaner Suite

- TCE = Trichloroethene
- Concentrations in ug/L (micrograms per liter)
- Contours dashed where inferred, quaried where unknown

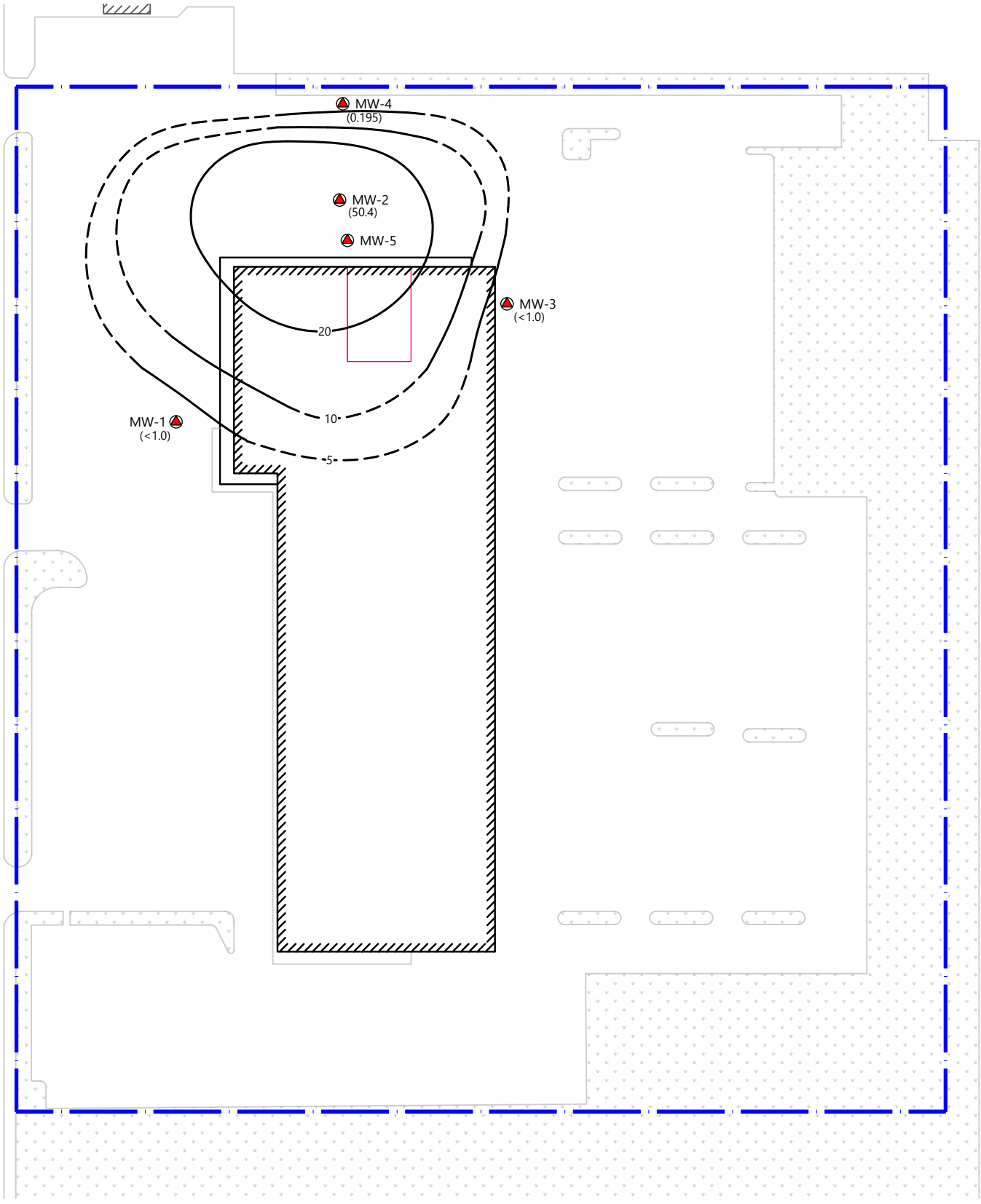
N

45' 0' 45' 90'

Approximate Scale

Title: **TCE Isocontours in Groundwater**			
Figure: 6	Prepared By: AS	Date: August 2024	Project Number: ES24-444966
Address: 9201 Pacific Avenue Tacoma, Washington 98444			

PARTNER Engineering and Science, Inc.



Legend and Notes:

Site Boundary

Monitoring Well Location

Former Dry Cleaner Suite

- DCE = Dichloroethene
- Concentrations in ug/L (micrograms per liter)
- Contours dashed where inferred, quaried where unknown

N

45' 0' 45' 90'

Approximate Scale

Title: cis-1,2-DCE Isocontours in Groundwater			
Figure: 7	Prepared By: AS	Date: August 2024	Project Number: ES24-444966
Address: 9201 Pacific Avenue Tacoma, Washington 98444			

PARTNER Engineering and Science, Inc.

APPENDIX A: GROUNDWATER SAMPLING FIELD SHEETS

WELL GAUGING DATA

Project # 240724-D01 Date 7/24/24 Client Partners

Site 9201 Pacific Ave, Tacoma

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0829	2	—	—	—	—	8.82	17.30		
MW-2	0820	2	—	—	—	—	11.32	19.98		
MW-3	0918	2	—	—	—	—	10.94	18.59		unable to access until business opens
MW-4	0824	2	—	—	—	—	14.00	18.53		
~~MW-5~~	DO									

LOW FLOW WELL MONITORING DATA SHEET

Project #: 240724-D01	Client: Partners
Sampler: DO	Gauging Date: 7/24/24
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 17.30	Depth to Water (ft.): 8.82
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: HANNA

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1024 Flow Rate: 200mL/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1027	19.20	6.55	294	101	1.43	249.8	600	9.20
1030	19.63	6.52	295	78	1.18	247.0	1200	9.20
1033	19.55	6.51	296	60	1.16	245.8	1800	9.20
1036	19.39	6.51	295	58	1.14	243.6	2400	9.20
1039	19.31	6.50	295	56	1.14	242.6	3000	9.20

Did well dewater? Yes (No) Amount actually evacuated: 3000

Sampling Time: 1042 Sampling Date: 7/24/24

Sample I.D.: MW-1 Laboratory: PACE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

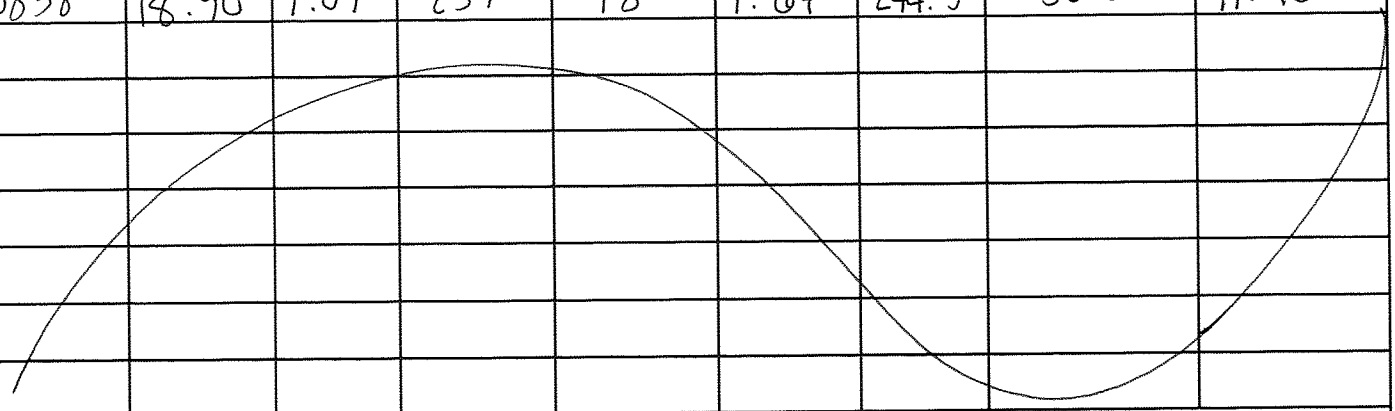
LOW FLOW WELL MONITORING DATA SHEET

Project #: 240724-D01	Client: Partners
Sampler: DD	Gauging Date: 7/24/24
Well I.D.: MW-2	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 17.98	Depth to Water (ft.): 11.32
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: HANNA

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 0843 Flow Rate: 200 mL/min Pump Depth: 14.51

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0846	18.96	7.96	235	29	1.80	~~1.80~~ 217.9	600	11.40
0849	18.89	7.55	238	24	1.68	225.9	1200	11.40
0852	18.92	7.18	237	19	1.65	235.6	1800	11.43
0855	18.87	7.11	237	19	1.65	241.8	2400	11.43
0858	18.90	7.09	237	18	1.64	244.5	3000	11.43



Did well dewater? Yes No	Amount actually evacuated: 3000
Sampling Time: 0901	Sampling Date: 7/24/24
Sample I.D.: MW-2	Laboratory: PACE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 240724-D01	Client: Partners
Sampler: DO	Gauging Date: 7/24/24
Well I.D.: MW-3	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 18.59	Depth to Water (ft.): 10.94
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: HANNA

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: (Dedicated Tubing) | New Tubing | Other ____

Start Purge Time: 0923 Flow Rate: 200 mL/min Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0926	18.12	6.64	311	19	2.15	258.6	600	11.17
0929	18.25	6.51	313	22	2.03	262.2	1200	11.24
0932	18.44	6.41	314	23	2.01	264.1	1800	11.30
0935	18.50	6.35	316	25	2.00	264.8	2400	11.32
0938	18.60	6.33	318	24	1.99	264.9	3000	11.35

Did well dewater? Yes (No) Amount actually evacuated: 3000

Sampling Time: 0941 Sampling Date: 7/24/24

Sample I.D.: MW-3 Laboratory: PACE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 240724-001	Client: Partners
Sampler: DO	Gauging Date: 7/24/24
Well I.D.: MW-4	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 18.53	Depth to Water (ft.): 14.00
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: HANNA

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 0957 Flow Rate: 200mL/min Pump Depth: 16.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1000	17.27	6.30	539	66	1.35	270.7	600	14.05
1003	17.86	6.18	525	44	1.33	271.5	1200	14.09
1006	18.12	6.16	484	33	1.53	269.2	1800	14.11
1009	18.12	6.18	480	32	1.61	266.5	2400	14.16
1012	18.14	6.18	477	30	1.63	265.3	3000	14.17

Did well dewater? Yes (No) Amount actually evacuated: 3000

Sampling Time: 1015 Sampling Date: 7/24/24

Sample I.D.: MW-4 Laboratory: PACE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

Company Name/Address:
Partner Engineering & Science - WA

2708 James Street
Bellingham, WA 98225

Billing Information:
Accounts Payable
2154 Torrance Blvd.
Torrance, CA 90501

Pres Chk

Report to:
Mitch Williams

Email To: **dwilliams@partneresi.com**

Project Description:
U-Haul Facility

City/State Collected: Tacoma, WA

Please Circle: PT MT CT ET

Phone: **206-947-6594**

Client Project #
24-444964

Lab Project #
PARENGSWA-24444964

Collected by (print):
Diana Ojeda

Collected by (signature):
Diana Ojeda

Immediately Packed on Ice N ___ Y X

Site/Facility ID #

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHDXLVINOSGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	V8260 40mlAmb-HCl							Remarks	Sample # (lab only)
MW-1	Gr	GW	-	7/24/24	1042	8	X	X	X								
MW-2	↓	GW	-	↓	0901	8	X	X	X								
MW-3		GW	-		0941	8	X	X	X								
MW-4		GW	-		1015	8	X	X	X								
		GW															
		GW															
		GW															
		GW															

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG #

Table #

Acctnum: **PARENGSWA**
Template: **T257061**
Prelogin: **P1090528**
PM: **3813 - Marty Edwards III**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Diana Ojeda	7/24/24		Shipped via Fedex		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK

WELLHEAD INSPECTION FORM

Client: Partners Site: 9201 Pacific Ave, Tacoma Date: 7/24/24

Job #: 240724-D01 Technician: DD Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-1	X			X	1/2										
MW-2	X			X											
MW-3	X			X	1/3										
MW-4	X			X											
MW-5															

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 9201 Pacific Ave, Tacoma				PROJECT NUMBER 240724-D01			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
HANNA	07460037101	7/24/24 @ 0640	pH 4 7 10	4.09 7.04 9.98	✓	20.0	DO
			cond 3900 ORP 237.5 DO 100	3894 239.1 106.4	✓	20.1	DO

PURGE DRUM INVENTORY LOG

CLIENT Partners

SITE ADDRESS 9201 Pacific Ave, Tacoma

STATUS OF DRUM(S) UPON ARRIVAL							
Number of drum(s) empty:	0						
Number of drum(s) 1/4 full:	0						
Number of drum(s) 1/2 full:	0						
Number of drum(s) 3/4 full:	0						
Number of drum(s) full:	0						
Total drum(s) on site:	0						
STATUS OF DRUM(S) UPON DEPARTURE							
Number of drum(s) empty:	0						
Number of drum(s) 1/4 full:	1						
Number of drum(s) 1/2 full:	0						
Number of drum(s) 3/4 full:	0						
Number of drum(s) full:	0						
Total drum(s) on site:	1						
LOCATION OF DRUM(S)							
Is/Are drum(s) at wellhead(s)?	No						
Describe location if drum(s) is/are located elsewhere:	at back of building in btw 2 sheds near MW-3						
Label drum(s) properly:	Yes						
FINAL STATUS							
Number of new drum(s) left on site this event:	1						
Date of inspection:	7/24/24						
Logged by BTS Field Technician:	DN						
Office reviewed by:							

APPENDIX B: LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

August 08, 2024

Partner Engineering & Science - WA

Sample Delivery Group:	L1760507
Samples Received:	07/25/2024
Project Number:	24-444964
Description:	U-Haul Facility

Report To: Mitch Williams
2708 James Street
Bellingham, WA 98225

Entire Report Reviewed By:

Marty Edwards III
Project Manager

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

MW-1 L1760507-01 GW

Collected by: Diana Ojeda | Collected date/time: 07/24/24 10:42 | Received date/time: 07/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2333012	1	07/31/24 05:01	07/31/24 05:01	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2331871	1	07/29/24 15:14	07/29/24 15:14	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2333160	1	08/01/24 08:59	08/05/24 12:48	TJD	Mt. Juliet, TN

MW-2 L1760507-02 GW

Collected by: Diana Ojeda | Collected date/time: 07/24/24 09:01 | Received date/time: 07/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2333012	1	07/31/24 05:23	07/31/24 05:23	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2331871	1	07/29/24 15:38	07/29/24 15:38	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2333160	1	08/01/24 08:59	08/05/24 13:08	TJD	Mt. Juliet, TN

MW-3 L1760507-03 GW

Collected by: Diana Ojeda | Collected date/time: 07/24/24 09:41 | Received date/time: 07/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2333012	1	07/31/24 05:46	07/31/24 05:46	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2334241	1	08/01/24 17:05	08/01/24 17:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2333160	1	08/01/24 08:59	08/05/24 13:29	TJD	Mt. Juliet, TN

MW-4 L1760507-04 GW

Collected by: Diana Ojeda | Collected date/time: 07/24/24 10:15 | Received date/time: 07/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2333012	1	07/31/24 06:09	07/31/24 06:09	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2334241	1	08/01/24 17:25	08/01/24 17:25	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2333160	1	08/01/24 08:59	08/05/24 12:27	TJD	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Marty Edwards III
Project Manager

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	07/31/2024 05:01	WG2333012
(S) a,a,a-Trifluorotoluene(FID)	*106*			*78.0-120*		*07/31/2024 05:01*	WG2333012

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	07/29/2024 15:14	WG2331871
Acrolein	U		2.54	50.0	1	07/29/2024 15:14	WG2331871
Acrylonitrile	U		0.671	10.0	1	07/29/2024 15:14	WG2331871
Benzene	U		0.0941	1.00	1	07/29/2024 15:14	WG2331871
Bromobenzene	U		0.118	1.00	1	07/29/2024 15:14	WG2331871
Bromodichloromethane	U		0.136	1.00	1	07/29/2024 15:14	WG2331871
Bromoform	U		0.129	1.00	1	07/29/2024 15:14	WG2331871
Bromomethane	U	C3	0.605	5.00	1	07/29/2024 15:14	WG2331871
n-Butylbenzene	U		0.157	1.00	1	07/29/2024 15:14	WG2331871
sec-Butylbenzene	U		0.125	1.00	1	07/29/2024 15:14	WG2331871
tert-Butylbenzene	U		0.127	1.00	1	07/29/2024 15:14	WG2331871
Carbon tetrachloride	U		0.128	1.00	1	07/29/2024 15:14	WG2331871
Chlorobenzene	U		0.116	1.00	1	07/29/2024 15:14	WG2331871
Chlorodibromomethane	U		0.140	1.00	1	07/29/2024 15:14	WG2331871
Chloroethane	U		0.192	5.00	1	07/29/2024 15:14	WG2331871
Chloroform	U		0.111	5.00	1	07/29/2024 15:14	WG2331871
Chloromethane	U	C3	0.960	2.50	1	07/29/2024 15:14	WG2331871
2-Chlorotoluene	U		0.106	1.00	1	07/29/2024 15:14	WG2331871
4-Chlorotoluene	U		0.114	1.00	1	07/29/2024 15:14	WG2331871
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	07/29/2024 15:14	WG2331871
1,2-Dibromoethane	U		0.126	1.00	1	07/29/2024 15:14	WG2331871
Dibromomethane	U		0.122	1.00	1	07/29/2024 15:14	WG2331871
1,2-Dichlorobenzene	U		0.107	1.00	1	07/29/2024 15:14	WG2331871
1,3-Dichlorobenzene	U		0.110	1.00	1	07/29/2024 15:14	WG2331871
1,4-Dichlorobenzene	U		0.120	1.00	1	07/29/2024 15:14	WG2331871
Dichlorodifluoromethane	U		0.374	5.00	1	07/29/2024 15:14	WG2331871
1,1-Dichloroethane	U		0.100	1.00	1	07/29/2024 15:14	WG2331871
1,2-Dichloroethane	U		0.0819	1.00	1	07/29/2024 15:14	WG2331871
1,1-Dichloroethene	U		0.188	1.00	1	07/29/2024 15:14	WG2331871
cis-1,2-Dichloroethene	U		0.126	1.00	1	07/29/2024 15:14	WG2331871
trans-1,2-Dichloroethene	U		0.149	1.00	1	07/29/2024 15:14	WG2331871
1,2-Dichloropropane	U		0.149	1.00	1	07/29/2024 15:14	WG2331871
1,1-Dichloropropene	U		0.142	1.00	1	07/29/2024 15:14	WG2331871
1,3-Dichloropropane	U		0.110	1.00	1	07/29/2024 15:14	WG2331871
cis-1,3-Dichloropropene	U		0.111	1.00	1	07/29/2024 15:14	WG2331871
trans-1,3-Dichloropropene	U		0.118	1.00	1	07/29/2024 15:14	WG2331871
2,2-Dichloropropane	U		0.161	1.00	1	07/29/2024 15:14	WG2331871
Di-isopropyl ether	U		0.105	1.00	1	07/29/2024 15:14	WG2331871
Ethylbenzene	U		0.137	1.00	1	07/29/2024 15:14	WG2331871
Hexachloro-1,3-butadiene	U		0.337	1.00	1	07/29/2024 15:14	WG2331871
Isopropylbenzene	U		0.105	1.00	1	07/29/2024 15:14	WG2331871
p-Isopropyltoluene	U		0.120	1.00	1	07/29/2024 15:14	WG2331871
2-Butanone (MEK)	U		1.19	10.0	1	07/29/2024 15:14	WG2331871
Methylene Chloride	U		0.430	5.00	1	07/29/2024 15:14	WG2331871
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	07/29/2024 15:14	WG2331871
Methyl tert-butyl ether	U		0.101	1.00	1	07/29/2024 15:14	WG2331871
n-Propylbenzene	U		0.0993	1.00	1	07/29/2024 15:14	WG2331871
Styrene	U		0.118	1.00	1	07/29/2024 15:14	WG2331871

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	07/29/2024 15:14	WG2331871
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	07/29/2024 15:14	WG2331871
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	07/29/2024 15:14	WG2331871
Tetrachloroethene	U		0.300	1.00	1	07/29/2024 15:14	WG2331871
Toluene	U		0.278	1.00	1	07/29/2024 15:14	WG2331871
1,2,3-Trichlorobenzene	U		0.230	1.00	1	07/29/2024 15:14	WG2331871
1,2,4-Trichlorobenzene	U		0.481	1.00	1	07/29/2024 15:14	WG2331871
1,1,1-Trichloroethane	U		0.149	1.00	1	07/29/2024 15:14	WG2331871
1,1,2-Trichloroethane	U		0.158	1.00	1	07/29/2024 15:14	WG2331871
Trichloroethene	U		0.190	1.00	1	07/29/2024 15:14	WG2331871
Trichlorofluoromethane	U		0.160	5.00	1	07/29/2024 15:14	WG2331871
1,2,3-Trichloropropane	U		0.237	2.50	1	07/29/2024 15:14	WG2331871
1,2,4-Trimethylbenzene	U		0.322	1.00	1	07/29/2024 15:14	WG2331871
1,2,3-Trimethylbenzene	U		0.104	1.00	1	07/29/2024 15:14	WG2331871
1,3,5-Trimethylbenzene	U		0.104	1.00	1	07/29/2024 15:14	WG2331871
Vinyl chloride	U		0.234	1.00	1	07/29/2024 15:14	WG2331871
Xylenes, Total	U		0.174	3.00	1	07/29/2024 15:14	WG2331871
(S) Toluene-d8	*122*	J1		*80.0-120*		*07/29/2024 15:14*	WG2331871
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*07/29/2024 15:14*	WG2331871
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*07/29/2024 15:14*	WG2331871

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	185	J	66.7	200	1	08/05/2024 12:48	WG2333160
Residual Range Organics (RRO)	176	J	83.3	250	1	08/05/2024 12:48	WG2333160
DRO/RRO (TOTAL)	361		66.7	200	1	08/05/2024 12:48	WG2333160
(S) o-Terphenyl	*62.1*			*52.0-156*		*08/05/2024 12:48*	WG2333160

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	88.3	B J	31.6	100	1	07/31/2024 05:23	WG2333012
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*07/31/2024 05:23*	WG2333012

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	07/29/2024 15:38	WG2331871
Acrolein	U		2.54	50.0	1	07/29/2024 15:38	WG2331871
Acrylonitrile	U		0.671	10.0	1	07/29/2024 15:38	WG2331871
Benzene	U		0.0941	1.00	1	07/29/2024 15:38	WG2331871
Bromobenzene	U		0.118	1.00	1	07/29/2024 15:38	WG2331871
Bromodichloromethane	U		0.136	1.00	1	07/29/2024 15:38	WG2331871
Bromoform	U		0.129	1.00	1	07/29/2024 15:38	WG2331871
Bromomethane	U	C3	0.605	5.00	1	07/29/2024 15:38	WG2331871
n-Butylbenzene	U		0.157	1.00	1	07/29/2024 15:38	WG2331871
sec-Butylbenzene	U		0.125	1.00	1	07/29/2024 15:38	WG2331871
tert-Butylbenzene	U		0.127	1.00	1	07/29/2024 15:38	WG2331871
Carbon tetrachloride	U		0.128	1.00	1	07/29/2024 15:38	WG2331871
Chlorobenzene	U		0.116	1.00	1	07/29/2024 15:38	WG2331871
Chlorodibromomethane	U		0.140	1.00	1	07/29/2024 15:38	WG2331871
Chloroethane	U		0.192	5.00	1	07/29/2024 15:38	WG2331871
Chloroform	U		0.111	5.00	1	07/29/2024 15:38	WG2331871
Chloromethane	U	C3	0.960	2.50	1	07/29/2024 15:38	WG2331871
2-Chlorotoluene	U		0.106	1.00	1	07/29/2024 15:38	WG2331871
4-Chlorotoluene	U		0.114	1.00	1	07/29/2024 15:38	WG2331871
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	07/29/2024 15:38	WG2331871
1,2-Dibromoethane	U		0.126	1.00	1	07/29/2024 15:38	WG2331871
Dibromomethane	U		0.122	1.00	1	07/29/2024 15:38	WG2331871
1,2-Dichlorobenzene	U		0.107	1.00	1	07/29/2024 15:38	WG2331871
1,3-Dichlorobenzene	U		0.110	1.00	1	07/29/2024 15:38	WG2331871
1,4-Dichlorobenzene	U		0.120	1.00	1	07/29/2024 15:38	WG2331871
Dichlorodifluoromethane	U		0.374	5.00	1	07/29/2024 15:38	WG2331871
1,1-Dichloroethane	U		0.100	1.00	1	07/29/2024 15:38	WG2331871
1,2-Dichloroethane	U		0.0819	1.00	1	07/29/2024 15:38	WG2331871
1,1-Dichloroethene	U		0.188	1.00	1	07/29/2024 15:38	WG2331871
cis-1,2-Dichloroethene	50.4		0.126	1.00	1	07/29/2024 15:38	WG2331871
trans-1,2-Dichloroethene	0.866	J	0.149	1.00	1	07/29/2024 15:38	WG2331871
1,2-Dichloropropane	U		0.149	1.00	1	07/29/2024 15:38	WG2331871
1,1-Dichloropropene	U		0.142	1.00	1	07/29/2024 15:38	WG2331871
1,3-Dichloropropane	U		0.110	1.00	1	07/29/2024 15:38	WG2331871
cis-1,3-Dichloropropene	U		0.111	1.00	1	07/29/2024 15:38	WG2331871
trans-1,3-Dichloropropene	U		0.118	1.00	1	07/29/2024 15:38	WG2331871
2,2-Dichloropropane	U		0.161	1.00	1	07/29/2024 15:38	WG2331871
Di-isopropyl ether	U		0.105	1.00	1	07/29/2024 15:38	WG2331871
Ethylbenzene	U		0.137	1.00	1	07/29/2024 15:38	WG2331871
Hexachloro-1,3-butadiene	U		0.337	1.00	1	07/29/2024 15:38	WG2331871
Isopropylbenzene	U		0.105	1.00	1	07/29/2024 15:38	WG2331871
p-Isopropyltoluene	U		0.120	1.00	1	07/29/2024 15:38	WG2331871
2-Butanone (MEK)	U		1.19	10.0	1	07/29/2024 15:38	WG2331871
Methylene Chloride	U		0.430	5.00	1	07/29/2024 15:38	WG2331871
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	07/29/2024 15:38	WG2331871
Methyl tert-butyl ether	U		0.101	1.00	1	07/29/2024 15:38	WG2331871
n-Propylbenzene	U		0.0993	1.00	1	07/29/2024 15:38	WG2331871
Styrene	U		0.118	1.00	1	07/29/2024 15:38	WG2331871

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	07/29/2024 15:38	WG2331871
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	07/29/2024 15:38	WG2331871
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	07/29/2024 15:38	WG2331871
Tetrachloroethene	116		0.300	1.00	1	07/29/2024 15:38	WG2331871
Toluene	U		0.278	1.00	1	07/29/2024 15:38	WG2331871
1,2,3-Trichlorobenzene	U		0.230	1.00	1	07/29/2024 15:38	WG2331871
1,2,4-Trichlorobenzene	U		0.481	1.00	1	07/29/2024 15:38	WG2331871
1,1,1-Trichloroethane	U		0.149	1.00	1	07/29/2024 15:38	WG2331871
1,1,2-Trichloroethane	U		0.158	1.00	1	07/29/2024 15:38	WG2331871
Trichloroethene	25.9		0.190	1.00	1	07/29/2024 15:38	WG2331871
Trichlorofluoromethane	U		0.160	5.00	1	07/29/2024 15:38	WG2331871
1,2,3-Trichloropropane	U		0.237	2.50	1	07/29/2024 15:38	WG2331871
1,2,4-Trimethylbenzene	U		0.322	1.00	1	07/29/2024 15:38	WG2331871
1,2,3-Trimethylbenzene	U		0.104	1.00	1	07/29/2024 15:38	WG2331871
1,3,5-Trimethylbenzene	U		0.104	1.00	1	07/29/2024 15:38	WG2331871
Vinyl chloride	U		0.234	1.00	1	07/29/2024 15:38	WG2331871
Xylenes, Total	U		0.174	3.00	1	07/29/2024 15:38	WG2331871
(S) Toluene-d8	*120*			*80.0-120*		*07/29/2024 15:38*	WG2331871
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*07/29/2024 15:38*	WG2331871
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*07/29/2024 15:38*	WG2331871

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	08/05/2024 13:08	WG2333160
Residual Range Organics (RRO)	U		83.3	250	1	08/05/2024 13:08	WG2333160
DRO/RRO (TOTAL)	U		66.7	200	1	08/05/2024 13:08	WG2333160
(S) o-Terphenyl	*60.5*			*52.0-156*		*08/05/2024 13:08*	WG2333160

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	07/31/2024 05:46	WG2333012
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*		*07/31/2024 05:46*	WG2333012

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	08/01/2024 17:05	WG2334241
Acrolein	U	J4	2.54	50.0	1	08/01/2024 17:05	WG2334241
Acrylonitrile	U		0.671	10.0	1	08/01/2024 17:05	WG2334241
Benzene	U		0.0941	1.00	1	08/01/2024 17:05	WG2334241
Bromobenzene	U	C3	0.118	1.00	1	08/01/2024 17:05	WG2334241
Bromodichloromethane	U		0.136	1.00	1	08/01/2024 17:05	WG2334241
Bromoform	U		0.129	1.00	1	08/01/2024 17:05	WG2334241
Bromomethane	U	C3	0.605	5.00	1	08/01/2024 17:05	WG2334241
n-Butylbenzene	U		0.157	1.00	1	08/01/2024 17:05	WG2334241
sec-Butylbenzene	U		0.125	1.00	1	08/01/2024 17:05	WG2334241
tert-Butylbenzene	U		0.127	1.00	1	08/01/2024 17:05	WG2334241
Carbon tetrachloride	U		0.128	1.00	1	08/01/2024 17:05	WG2334241
Chlorobenzene	U		0.116	1.00	1	08/01/2024 17:05	WG2334241
Chlorodibromomethane	U		0.140	1.00	1	08/01/2024 17:05	WG2334241
Chloroethane	U	C3 J3 J4	0.192	5.00	1	08/01/2024 17:05	WG2334241
Chloroform	U		0.111	5.00	1	08/01/2024 17:05	WG2334241
Chloromethane	U		0.960	2.50	1	08/01/2024 17:05	WG2334241
2-Chlorotoluene	U		0.106	1.00	1	08/01/2024 17:05	WG2334241
4-Chlorotoluene	U		0.114	1.00	1	08/01/2024 17:05	WG2334241
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/01/2024 17:05	WG2334241
1,2-Dibromoethane	U		0.126	1.00	1	08/01/2024 17:05	WG2334241
Dibromomethane	U		0.122	1.00	1	08/01/2024 17:05	WG2334241
1,2-Dichlorobenzene	U		0.107	1.00	1	08/01/2024 17:05	WG2334241
1,3-Dichlorobenzene	U		0.110	1.00	1	08/01/2024 17:05	WG2334241
1,4-Dichlorobenzene	U		0.120	1.00	1	08/01/2024 17:05	WG2334241
Dichlorodifluoromethane	U		0.374	5.00	1	08/01/2024 17:05	WG2334241
1,1-Dichloroethane	U		0.100	1.00	1	08/01/2024 17:05	WG2334241
1,2-Dichloroethane	U		0.0819	1.00	1	08/01/2024 17:05	WG2334241
1,1-Dichloroethene	U		0.188	1.00	1	08/01/2024 17:05	WG2334241
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/01/2024 17:05	WG2334241
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/01/2024 17:05	WG2334241
1,2-Dichloropropane	U		0.149	1.00	1	08/01/2024 17:05	WG2334241
1,1-Dichloropropene	U		0.142	1.00	1	08/01/2024 17:05	WG2334241
1,3-Dichloropropane	U		0.110	1.00	1	08/01/2024 17:05	WG2334241
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/01/2024 17:05	WG2334241
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/01/2024 17:05	WG2334241
2,2-Dichloropropane	U		0.161	1.00	1	08/01/2024 17:05	WG2334241
Di-isopropyl ether	U		0.105	1.00	1	08/01/2024 17:05	WG2334241
Ethylbenzene	U		0.137	1.00	1	08/01/2024 17:05	WG2334241
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/01/2024 17:05	WG2334241
Isopropylbenzene	U		0.105	1.00	1	08/01/2024 17:05	WG2334241
p-Isopropyltoluene	U		0.120	1.00	1	08/01/2024 17:05	WG2334241
2-Butanone (MEK)	U		1.19	10.0	1	08/01/2024 17:05	WG2334241
Methylene Chloride	U		0.430	5.00	1	08/01/2024 17:05	WG2334241
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/01/2024 17:05	WG2334241
Methyl tert-butyl ether	U		0.101	1.00	1	08/01/2024 17:05	WG2334241
n-Propylbenzene	U		0.0993	1.00	1	08/01/2024 17:05	WG2334241
Styrene	U		0.118	1.00	1	08/01/2024 17:05	WG2334241

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/01/2024 17:05	WG2334241
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/01/2024 17:05	WG2334241
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/01/2024 17:05	WG2334241
Tetrachloroethene	U		0.300	1.00	1	08/01/2024 17:05	WG2334241
Toluene	U		0.278	1.00	1	08/01/2024 17:05	WG2334241
1,2,3-Trichlorobenzene	U	J3	0.230	1.00	1	08/01/2024 17:05	WG2334241
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/01/2024 17:05	WG2334241
1,1,1-Trichloroethane	U		0.149	1.00	1	08/01/2024 17:05	WG2334241
1,1,2-Trichloroethane	U		0.158	1.00	1	08/01/2024 17:05	WG2334241
Trichloroethene	U		0.190	1.00	1	08/01/2024 17:05	WG2334241
Trichlorofluoromethane	U		0.160	5.00	1	08/01/2024 17:05	WG2334241
1,2,3-Trichloropropane	U		0.237	2.50	1	08/01/2024 17:05	WG2334241
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/01/2024 17:05	WG2334241
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/01/2024 17:05	WG2334241
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/01/2024 17:05	WG2334241
Vinyl chloride	U		0.234	1.00	1	08/01/2024 17:05	WG2334241
Xylenes, Total	U		0.174	3.00	1	08/01/2024 17:05	WG2334241
(S) Toluene-d8	*97.9*			*80.0-120*		*08/01/2024 17:05*	WG2334241
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*08/01/2024 17:05*	WG2334241
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*08/01/2024 17:05*	WG2334241

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	08/05/2024 13:29	WG2333160
Residual Range Organics (RRO)	U		83.3	250	1	08/05/2024 13:29	WG2333160
DRO/RRO (TOTAL)	U		66.7	200	1	08/05/2024 13:29	WG2333160
(S) o-Terphenyl	*60.0*			*52.0-156*		*08/05/2024 13:29*	WG2333160

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	07/31/2024 06:09	WG2333012
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*07/31/2024 06:09*	WG2333012

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	08/01/2024 17:25	WG2334241
Acrolein	U	J4	2.54	50.0	1	08/01/2024 17:25	WG2334241
Acrylonitrile	U		0.671	10.0	1	08/01/2024 17:25	WG2334241
Benzene	U		0.0941	1.00	1	08/01/2024 17:25	WG2334241
Bromobenzene	U	C3	0.118	1.00	1	08/01/2024 17:25	WG2334241
Bromodichloromethane	U		0.136	1.00	1	08/01/2024 17:25	WG2334241
Bromoform	U		0.129	1.00	1	08/01/2024 17:25	WG2334241
Bromomethane	U	C3	0.605	5.00	1	08/01/2024 17:25	WG2334241
n-Butylbenzene	U		0.157	1.00	1	08/01/2024 17:25	WG2334241
sec-Butylbenzene	U		0.125	1.00	1	08/01/2024 17:25	WG2334241
tert-Butylbenzene	U		0.127	1.00	1	08/01/2024 17:25	WG2334241
Carbon tetrachloride	U		0.128	1.00	1	08/01/2024 17:25	WG2334241
Chlorobenzene	U		0.116	1.00	1	08/01/2024 17:25	WG2334241
Chlorodibromomethane	U		0.140	1.00	1	08/01/2024 17:25	WG2334241
Chloroethane	U	C3 J3 J4	0.192	5.00	1	08/01/2024 17:25	WG2334241
Chloroform	U		0.111	5.00	1	08/01/2024 17:25	WG2334241
Chloromethane	U		0.960	2.50	1	08/01/2024 17:25	WG2334241
2-Chlorotoluene	U		0.106	1.00	1	08/01/2024 17:25	WG2334241
4-Chlorotoluene	U		0.114	1.00	1	08/01/2024 17:25	WG2334241
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/01/2024 17:25	WG2334241
1,2-Dibromoethane	U		0.126	1.00	1	08/01/2024 17:25	WG2334241
Dibromomethane	U		0.122	1.00	1	08/01/2024 17:25	WG2334241
1,2-Dichlorobenzene	U		0.107	1.00	1	08/01/2024 17:25	WG2334241
1,3-Dichlorobenzene	U		0.110	1.00	1	08/01/2024 17:25	WG2334241
1,4-Dichlorobenzene	U		0.120	1.00	1	08/01/2024 17:25	WG2334241
Dichlorodifluoromethane	U		0.374	5.00	1	08/01/2024 17:25	WG2334241
1,1-Dichloroethane	U		0.100	1.00	1	08/01/2024 17:25	WG2334241
1,2-Dichloroethane	U		0.0819	1.00	1	08/01/2024 17:25	WG2334241
1,1-Dichloroethene	U		0.188	1.00	1	08/01/2024 17:25	WG2334241
cis-1,2-Dichloroethene	0.195	J	0.126	1.00	1	08/01/2024 17:25	WG2334241
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/01/2024 17:25	WG2334241
1,2-Dichloropropane	U		0.149	1.00	1	08/01/2024 17:25	WG2334241
1,1-Dichloropropene	U		0.142	1.00	1	08/01/2024 17:25	WG2334241
1,3-Dichloropropane	U		0.110	1.00	1	08/01/2024 17:25	WG2334241
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/01/2024 17:25	WG2334241
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/01/2024 17:25	WG2334241
2,2-Dichloropropane	U		0.161	1.00	1	08/01/2024 17:25	WG2334241
Di-isopropyl ether	U		0.105	1.00	1	08/01/2024 17:25	WG2334241
Ethylbenzene	U		0.137	1.00	1	08/01/2024 17:25	WG2334241
Hexachloro-1,3-butadiene	U		0.337	1.00	1	08/01/2024 17:25	WG2334241
Isopropylbenzene	U		0.105	1.00	1	08/01/2024 17:25	WG2334241
p-Isopropyltoluene	U		0.120	1.00	1	08/01/2024 17:25	WG2334241
2-Butanone (MEK)	U		1.19	10.0	1	08/01/2024 17:25	WG2334241
Methylene Chloride	U		0.430	5.00	1	08/01/2024 17:25	WG2334241
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/01/2024 17:25	WG2334241
Methyl tert-butyl ether	U		0.101	1.00	1	08/01/2024 17:25	WG2334241
n-Propylbenzene	U		0.0993	1.00	1	08/01/2024 17:25	WG2334241
Styrene	U		0.118	1.00	1	08/01/2024 17:25	WG2334241

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	08/01/2024 17:25	WG2334241
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/01/2024 17:25	WG2334241
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/01/2024 17:25	WG2334241
Tetrachloroethene	1.03		0.300	1.00	1	08/01/2024 17:25	WG2334241
Toluene	U		0.278	1.00	1	08/01/2024 17:25	WG2334241
1,2,3-Trichlorobenzene	U	J3	0.230	1.00	1	08/01/2024 17:25	WG2334241
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/01/2024 17:25	WG2334241
1,1,1-Trichloroethane	U		0.149	1.00	1	08/01/2024 17:25	WG2334241
1,1,2-Trichloroethane	U		0.158	1.00	1	08/01/2024 17:25	WG2334241
Trichloroethene	U		0.190	1.00	1	08/01/2024 17:25	WG2334241
Trichlorofluoromethane	U		0.160	5.00	1	08/01/2024 17:25	WG2334241
1,2,3-Trichloropropane	U		0.237	2.50	1	08/01/2024 17:25	WG2334241
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/01/2024 17:25	WG2334241
1,2,3-Trimethylbenzene	U		0.104	1.00	1	08/01/2024 17:25	WG2334241
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/01/2024 17:25	WG2334241
Vinyl chloride	U		0.234	1.00	1	08/01/2024 17:25	WG2334241
Xylenes, Total	U		0.174	3.00	1	08/01/2024 17:25	WG2334241
(S) Toluene-d8	*99.5*			*80.0-120*		*08/01/2024 17:25*	WG2334241
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*08/01/2024 17:25*	WG2334241
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*		*08/01/2024 17:25*	WG2334241

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	08/05/2024 12:27	WG2333160
Residual Range Organics (RRO)	U		83.3	250	1	08/05/2024 12:27	WG2333160
DRO/RRO (TOTAL)	U		66.7	200	1	08/05/2024 12:27	WG2333160
(S) o-Terphenyl	*59.5*			*52.0-156*		*08/05/2024 12:27*	WG2333160

Method Blank (MB)

(MB) R4101442-3 07/30/24 23:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	47.9	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*107*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4101442-2 07/30/24 21:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	5190	104	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*78.0-120*	

Method Blank (MB)

(MB) R4101289-3 07/29/24 05:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R4101289-3 07/29/24 05:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*121*	J1		*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101289-1 07/29/24 03:59 • (LCSD) R4101289-2 07/29/24 04:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	20.1	20.6	80.4	82.4	19.0-160	J	J	2.46	27
Acrolein	25.0	22.4	22.8	89.6	91.2	10.0-160	J	J	1.77	26
Acrylonitrile	25.0	21.9	21.2	87.6	84.8	55.0-149			3.25	20
Benzene	5.00	4.96	5.02	99.2	100	70.0-123			1.20	20
Bromobenzene	5.00	4.99	4.87	99.8	97.4	73.0-121			2.43	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101289-1 07/29/24 03:59 • (LCSD) R4101289-2 07/29/24 04:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	5.00	4.52	4.66	90.4	93.2	75.0-120			3.05	20
Bromoform	5.00	5.65	5.89	113	118	68.0-132			4.16	20
Bromomethane	5.00	2.09	2.04	41.8	40.8	10.0-160	J	J	2.42	25
n-Butylbenzene	5.00	4.90	5.05	98.0	101	73.0-125			3.02	20
sec-Butylbenzene	5.00	5.45	5.56	109	111	75.0-125			2.00	20
tert-Butylbenzene	5.00	5.11	5.38	102	108	76.0-124			5.15	20
Carbon tetrachloride	5.00	4.55	4.67	91.0	93.4	68.0-126			2.60	20
Chlorobenzene	5.00	5.51	5.76	110	115	80.0-121			4.44	20
Chlorodibromomethane	5.00	5.51	5.56	110	111	77.0-125			0.903	20
Chloroethane	5.00	5.08	5.17	102	103	47.0-150			1.76	20
Chloroform	5.00	4.27	4.43	85.4	88.6	73.0-120	J	J	3.68	20
Chloromethane	5.00	3.75	3.87	75.0	77.4	41.0-142			3.15	20
2-Chlorotoluene	5.00	5.24	5.36	105	107	76.0-123			2.26	20
4-Chlorotoluene	5.00	4.99	5.08	99.8	102	75.0-122			1.79	20
1,2-Dibromo-3-Chloropropane	5.00	4.96	4.78	99.2	95.6	58.0-134	J	J	3.70	20
1,2-Dibromoethane	5.00	5.86	5.82	117	116	80.0-122			0.685	20
Dibromomethane	5.00	4.74	4.66	94.8	93.2	80.0-120			1.70	20
1,2-Dichlorobenzene	5.00	5.51	5.72	110	114	79.0-121			3.74	20
1,3-Dichlorobenzene	5.00	5.53	5.70	111	114	79.0-120			3.03	20
1,4-Dichlorobenzene	5.00	5.58	5.54	112	111	79.0-120			0.719	20
Dichlorodifluoromethane	5.00	4.87	5.19	97.4	104	51.0-149	J		6.36	20
1,1-Dichloroethane	5.00	4.27	4.34	85.4	86.8	70.0-126			1.63	20
1,2-Dichloroethane	5.00	4.28	4.30	85.6	86.0	70.0-128			0.466	20
1,1-Dichloroethene	5.00	4.85	5.16	97.0	103	71.0-124			6.19	20
cis-1,2-Dichloroethene	5.00	4.85	5.11	97.0	102	73.0-120			5.22	20
trans-1,2-Dichloroethene	5.00	5.24	4.98	105	99.6	73.0-120			5.09	20
1,2-Dichloropropane	5.00	4.35	4.60	87.0	92.0	77.0-125			5.59	20
1,1-Dichloropropene	5.00	4.42	4.53	88.4	90.6	74.0-126			2.46	20
1,3-Dichloropropane	5.00	5.37	5.50	107	110	80.0-120			2.39	20
cis-1,3-Dichloropropene	5.00	4.30	4.37	86.0	87.4	80.0-123			1.61	20
trans-1,3-Dichloropropene	5.00	5.00	5.19	100	104	78.0-124			3.73	20
2,2-Dichloropropane	5.00	4.04	4.19	80.8	83.8	58.0-130			3.65	20
Di-isopropyl ether	5.00	4.41	4.47	88.2	89.4	58.0-138			1.35	20
Ethylbenzene	5.00	5.49	5.84	110	117	79.0-123			6.18	20
Hexachloro-1,3-butadiene	5.00	4.92	4.84	98.4	96.8	54.0-138			1.64	20
Isopropylbenzene	5.00	5.55	5.82	111	116	76.0-127			4.75	20
p-Isopropyltoluene	5.00	5.23	5.44	105	109	76.0-125			3.94	20
2-Butanone (MEK)	25.0	21.1	21.5	84.4	86.0	44.0-160			1.88	20
Methylene Chloride	5.00	4.69	4.73	93.8	94.6	67.0-120	J	J	0.849	20
4-Methyl-2-pentanone (MIBK)	25.0	26.9	27.8	108	111	68.0-142			3.29	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101289-1 07/29/24 03:59 • (LCSD) R4101289-2 07/29/24 04:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	5.00	4.56	4.40	91.2	88.0	68.0-125			3.57	20
n-Propylbenzene	5.00	5.46	5.59	109	112	77.0-124			2.35	20
Styrene	5.00	4.92	5.15	98.4	103	73.0-130			4.57	20
1,1,1,2-Tetrachloroethane	5.00	5.55	5.82	111	116	75.0-125			4.75	20
1,1,2,2-Tetrachloroethane	5.00	5.33	5.30	107	106	65.0-130			0.564	20
1,1,2-Trichlorotrifluoroethane	5.00	4.68	5.03	93.6	101	69.0-132			7.21	20
Tetrachloroethene	5.00	5.88	6.20	118	124	72.0-132			5.30	20
Toluene	5.00	5.41	5.76	108	115	79.0-120			6.27	20
1,2,3-Trichlorobenzene	5.00	4.95	5.27	99.0	105	50.0-138			6.26	20
1,2,4-Trichlorobenzene	5.00	4.97	4.99	99.4	99.8	57.0-137			0.402	20
1,1,1-Trichloroethane	5.00	4.50	4.67	90.0	93.4	73.0-124			3.71	20
1,1,2-Trichloroethane	5.00	5.62	5.84	112	117	80.0-120			3.84	20
Trichloroethene	5.00	4.69	5.04	93.8	101	78.0-124			7.19	20
Trichlorofluoromethane	5.00	4.52	4.58	90.4	91.6	59.0-147	J	J	1.32	20
1,2,3-Trichloropropane	5.00	5.25	5.23	105	105	73.0-130			0.382	20
1,2,4-Trimethylbenzene	5.00	5.31	5.44	106	109	76.0-121			2.42	20
1,2,3-Trimethylbenzene	5.00	5.39	5.52	108	110	77.0-120			2.38	20
1,3,5-Trimethylbenzene	5.00	5.42	5.53	108	111	76.0-122			2.01	20
Vinyl chloride	5.00	4.68	4.83	93.6	96.6	67.0-131			3.15	20
Xylenes, Total	15.0	16.8	17.7	112	118	79.0-123			5.22	20
(S) Toluene-d8				*117*	*120*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.6*	*95.4*	*70.0-130*				

Method Blank (MB)

(MB) R4101965-3 08/01/24 15:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R4101965-3 08/01/24 15:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*97.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*109*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101965-1 08/01/24 14:06 • (LCSD) R4101965-2 08/01/24 14:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	36.9	36.5	148	146	19.0-160	J	J	1.09	27
Acrolein	25.0	44.2	49.2	177	197	10.0-160	J J4	J J4	10.7	26
Acrylonitrile	25.0	32.0	32.6	128	130	55.0-149			1.86	20
Benzene	5.00	5.22	4.92	104	98.4	70.0-123			5.92	20
Bromobenzene	5.00	3.95	3.92	79.0	78.4	73.0-121			0.762	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101965-1 08/01/24 14:06 • (LCSD) R4101965-2 08/01/24 14:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	5.00	5.51	5.47	110	109	75.0-120			0.729	20
Bromoform	5.00	5.70	5.83	114	117	68.0-132			2.25	20
Bromomethane	5.00	3.96	4.05	79.2	81.0	10.0-160	J	J	2.25	25
n-Butylbenzene	5.00	4.18	4.00	83.6	80.0	73.0-125			4.40	20
sec-Butylbenzene	5.00	4.33	4.12	86.6	82.4	75.0-125			4.97	20
tert-Butylbenzene	5.00	4.50	4.31	90.0	86.2	76.0-124			4.31	20
Carbon tetrachloride	5.00	6.22	5.74	124	115	68.0-126			8.03	20
Chlorobenzene	5.00	5.04	5.02	101	100	80.0-121			0.398	20
Chlorodibromomethane	5.00	5.53	5.59	111	112	77.0-125			1.08	20
Chloroethane	5.00	2.88	2.19	57.6	43.8	47.0-150	J	J J3 J4	27.2	20
Chloroform	5.00	5.68	5.29	114	106	73.0-120			7.11	20
Chloromethane	5.00	5.97	5.55	119	111	41.0-142			7.29	20
2-Chlorotoluene	5.00	4.25	4.15	85.0	83.0	76.0-123			2.38	20
4-Chlorotoluene	5.00	4.23	4.19	84.6	83.8	75.0-122			0.950	20
1,2-Dibromo-3-Chloropropane	5.00	4.77	4.86	95.4	97.2	58.0-134	J	J	1.87	20
1,2-Dibromoethane	5.00	5.12	5.42	102	108	80.0-122			5.69	20
Dibromomethane	5.00	5.48	5.68	110	114	80.0-120			3.58	20
1,2-Dichlorobenzene	5.00	4.85	4.72	97.0	94.4	79.0-121			2.72	20
1,3-Dichlorobenzene	5.00	4.75	4.64	95.0	92.8	79.0-120			2.34	20
1,4-Dichlorobenzene	5.00	4.51	4.37	90.2	87.4	79.0-120			3.15	20
Dichlorodifluoromethane	5.00	6.73	6.22	135	124	51.0-149			7.88	20
1,1-Dichloroethane	5.00	5.50	5.19	110	104	70.0-126			5.80	20
1,2-Dichloroethane	5.00	5.20	5.21	104	104	70.0-128			0.192	20
1,1-Dichloroethene	5.00	5.55	5.09	111	102	71.0-124			8.65	20
cis-1,2-Dichloroethene	5.00	5.59	5.26	112	105	73.0-120			6.08	20
trans-1,2-Dichloroethene	5.00	5.45	5.11	109	102	73.0-120			6.44	20
1,2-Dichloropropane	5.00	5.49	5.32	110	106	77.0-125			3.15	20
1,1-Dichloropropene	5.00	5.43	5.02	109	100	74.0-126			7.85	20
1,3-Dichloropropane	5.00	4.85	4.98	97.0	99.6	80.0-120			2.64	20
cis-1,3-Dichloropropene	5.00	5.55	5.43	111	109	80.0-123			2.19	20
trans-1,3-Dichloropropene	5.00	5.07	5.08	101	102	78.0-124			0.197	20
2,2-Dichloropropane	5.00	5.44	5.23	109	105	58.0-130			3.94	20
Di-isopropyl ether	5.00	5.63	5.49	113	110	58.0-138			2.52	20
Ethylbenzene	5.00	5.07	4.78	101	95.6	79.0-123			5.89	20
Hexachloro-1,3-butadiene	5.00	5.51	5.02	110	100	54.0-138			9.31	20
Isopropylbenzene	5.00	5.21	4.94	104	98.8	76.0-127			5.32	20
p-Isopropyltoluene	5.00	4.45	4.23	89.0	84.6	76.0-125			5.07	20
2-Butanone (MEK)	25.0	32.0	32.6	128	130	44.0-160			1.86	20
Methylene Chloride	5.00	5.05	5.11	101	102	67.0-120			1.18	20
4-Methyl-2-pentanone (MIBK)	25.0	27.6	29.0	110	116	68.0-142			4.95	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4101965-1 08/01/24 14:06 • (LCSD) R4101965-2 08/01/24 14:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	5.00	5.45	5.42	109	108	68.0-125			0.552	20
n-Propylbenzene	5.00	4.15	3.94	83.0	78.8	77.0-124			5.19	20
Styrene	5.00	5.27	5.15	105	103	73.0-130			2.30	20
1,1,1,2-Tetrachloroethane	5.00	5.62	5.45	112	109	75.0-125			3.07	20
1,1,2,2-Tetrachloroethane	5.00	4.14	4.47	82.8	89.4	65.0-130			7.67	20
1,1,2-Trichlorotrifluoroethane	5.00	5.75	5.27	115	105	69.0-132			8.71	20
Tetrachloroethene	5.00	5.44	5.25	109	105	72.0-132			3.55	20
Toluene	5.00	4.75	4.61	95.0	92.2	79.0-120			2.99	20
1,2,3-Trichlorobenzene	5.00	5.67	4.29	113	85.8	50.0-138		J3	27.7	20
1,2,4-Trichlorobenzene	5.00	4.56	4.24	91.2	84.8	57.0-137			7.27	20
1,1,1-Trichloroethane	5.00	5.94	5.51	119	110	73.0-124			7.51	20
1,1,2-Trichloroethane	5.00	5.08	5.20	102	104	80.0-120			2.33	20
Trichloroethene	5.00	6.11	5.63	122	113	78.0-124			8.18	20
Trichlorofluoromethane	5.00	6.03	5.63	121	113	59.0-147			6.86	20
1,2,3-Trichloropropane	5.00	4.90	5.11	98.0	102	73.0-130			4.20	20
1,2,4-Trimethylbenzene	5.00	4.15	4.04	83.0	80.8	76.0-121			2.69	20
1,2,3-Trimethylbenzene	5.00	4.12	3.97	82.4	79.4	77.0-120			3.71	20
1,3,5-Trimethylbenzene	5.00	4.25	4.02	85.0	80.4	76.0-122			5.56	20
Vinyl chloride	5.00	5.01	4.53	100	90.6	67.0-131			10.1	20
Xylenes, Total	15.0	14.9	14.5	99.3	96.7	79.0-123			2.72	20
(S) Toluene-d8				*96.7*	*98.1*	*80.0-120*				
(S) 4-Bromofluorobenzene				*113*	*114*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.0*	*96.5*	*70.0-130*				

Method Blank (MB)

(MB) R4102114-1 08/02/24 12:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
DRO/RRO (TOTAL)	U		66.7	200
(S) o-Terphenyl	*64.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4102114-2 08/02/24 13:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	1500	1190	79.3	50.0-150	
(S) o-Terphenyl			*66.5*	*52.0-156*	

L1761143-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1761143-04 08/02/24 13:44 • (MS) R4102114-3 08/02/24 14:17 • (MSD) R4102114-4 08/02/24 14:37

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	U	1150	1160	80.4	81.1	1	50.0-150			0.866	20
(S) o-Terphenyl					*65.3*	*65.8*		*52.0-156*				

L1760520-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1760520-07 08/05/24 00:33 • (MS) R4102523-1 08/05/24 00:53 • (MSD) R4102523-2 08/05/24 01:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	U	1390	1370	97.2	95.8	1	50.0-150			1.45	20
(S) o-Terphenyl					*79.5*	*78.9*		*52.0-156*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Partner Engineering & Science - WA

2708 James Street
Bellingham, WA 98225

Billing Information:
Accounts Payable
2154 Torrance Blvd.
Torrance, CA 90501

Pres Chk

Report to: **Mitch Williams**

Email To: **dwilliams@partneresi.com**

Project Description: **U-Haul Facility**

City/State Collected: Tacoma, WA

Please Circle: PT MT CT ET

Phone: **206-947-6594**

Client Project # **24-444964**

Lab Project # **PARENGSWA-24444964**

Collected by (print): Diana Ojeda

Collected by (signature): Diana Ojeda

Immediately Packed on Ice N ___ Y X

Site/Facility ID #

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHDXLVINOSGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	V8260 40mlAmb-HCl								Remarks	Sample # (lab only)
MW-1	G	GW	-	7/24/24	1042	8	X	X	X									-01
MW-2	↓	GW	-	↓	0901	8	X	X	X									-02
MW-3		GW	-		0941	8	X	X	X									-03
MW-4	↓	GW	-	↓	1015	8	X	X	X									-04
		GW																
		GW																
		GW																
		GW																

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 7464 0844 1200

Relinquished by : (Signature) Diana Ojeda — Date: 7/24/24 — Time:

Received by: (Signature) Shipped via Fedex

Trip Blank Received: Yes / (No) HCL / MeoH TBR

Relinquished by : (Signature) — Date: — Time:

Received by: (Signature)

Temp EDA9 °C Bottles Received: 1.1 10.3 1.4

If preservation required by Login: Date/Time

Relinquished by : (Signature) — Date: — Time:

Received for lab by: (Signature) CKoszer — Date: 7/25/24 — Time: 0900

Hold: — Condition: NCF / (OK)

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1760507
D036

Acctnum: **PARENGSWA**
Template: **T257061**
Prelogin: **P1090528**
PM: **3813 - Marty Edwards III**
PB:
Shipped Via: **FedEX Ground**