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February 23, 2024

Mr. John Drake
Washington Industries Environmental Remediation Trust (WIERT)
17742 Talbot Road South
Edmonds, Washington 98026

Re: Annual Groundwater Monitoring Report for 2022–2023
Former Northwest Plating Site
825 South Dakota Street and 812 and 820 South Adams Street
Seattle, Washington
Cleanup Site ID 1361
VCP Site No. NW2769

TRC Project Number: 015354.12

Dear Mr. Drake:

TRC Environmental Corporation (TRC), is pleased to present this Annual Groundwater Monitoring Report (Annual Report) for the 2022 to 2023 monitoring cycle for the Former Northwest Plating Site located at 825 South Dakota Street in Seattle, Washington (Site). The location of the Site is indicated on Figure 1. The Site is currently enrolled in the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) as Site No. NW2769 and Ms. Jing Song is the Ecology Site Manager. This work has been performed on behalf of the Washington Industries Environmental Remediation Trust (WEIRT).

As documented in the *Remedial Investigation Report* (RI Report) dated June 26, 2016, soil and groundwater at the Site are impacted with trichloroethene (TCE) and related volatile organic compounds (VOCs) as well as total chromium (Cr) and hexavalent chromium (CrVI). Those impacts are present as a result of historical electroplating activities at the former Northwest Plating facility.

The RI Report was submitted to Ecology for review under the VCP. An *Interim Action Work Plan* dated April 18, 2016 was also submitted to Ecology for review. That work plan included the use of enhanced reductive dechlorination (ERD) as a primary method of groundwater remediation and soil vapor extraction (SVE) to address impacts within the vadose zone. ERD was initially implemented at the Site in December 2016 with additional ERD injections in August 2017 and May 2019. The first phase of SVE was implemented in May 2017 and the SVE system was expanded in November 2017. Completed interim remedial actions were documented in the *Interim Action System As-Built and Startup Report* dated April 17, 2018 and submitted to Ecology under the VCP.

At the completion of the RI, a quarterly groundwater monitoring and sampling program was established to provide protection monitoring under the requirements of the Model Toxics Control Act (70.105D RCW) and its implementing regulations (Washington Administrative Code [WAC] 173-340; collectively “MTCA”) and to provide necessary data for designing and implementing remedial actions. WIERT also previously submitted to Ecology the Annual Groundwater Monitoring Reports for all monitoring cycles since 2016.

This Annual Report presents a discussion of the quarterly groundwater monitoring events performed at the Site in August 2022, November 2022, July 2023, and October 2023. TRC did not complete the first quarterly sampling event of 2023 due to delays in the scope and budget approval.

For the purposes of the RI, the pre-remedial lateral and vertical extents of the Site, as defined under MTCA are characterized as the extent of TCE in groundwater at a concentration exceeding 8.4 micrograms per liter (µg/L). As detailed in the RI, that concentration was determined to be protective of potential vapor intrusion (VI) for Industrial Land Use, which is the local zoning. The extent of the Site is indicated on Figure 2.

The Site is located approximately 3 miles south of downtown Seattle along the eastern margin of the lower Duwamish River industrial area. The Site consists of (i) the Washington Industries, Inc. (WII) Property at 825 South Dakota Street (the location of the former Northwest Plating facility), (ii) the southern adjacent property (“Perine Property”) located at 812 and 820 South Adams Street, and (iii) the western adjacent property located at 4114 Airport Way South. The Site also extends into the South Dakota Street right-of-way and may marginally impact properties north of South Dakota Street. Figure 2 illustrates the lateral extent of the Site as it is currently defined by the 8.4 µg/L concentration of TCE in groundwater.

GROUNDWATER MONITORING AND SAMPLING

During each monitoring event, groundwater levels are measured in all 46 groundwater monitoring wells at the Site. Groundwater samples are collected from selected monitoring wells for analysis of chemicals of concern (COCs). The sampling frequency at each well during the 2022 to 2023 sampling cycle was as follows:

- Six shallow aquifer monitoring wells (MW-3, MW-7s, MW-8s, MW-24s, SBW-2, and SBW-3) were sampled on quarterly basis;
- Six shallow aquifer monitoring wells (MW-1s, MW-11, MW-15s, MW-18, MW-19, and MW-26s) and two intermediate aquifer monitoring wells (MW-7ir and MW-15i) were sampled on quarterly basis in 2022 and a semi-annual basis in 2023;
- Eight shallow aquifer monitoring wells (MW-4, MW-5s, MW-10s, MW-14, MW-20s, MW-27s, MW-28s, and SBW-1) were sampled on an annual basis;
- One shallow aquifer monitoring well (MW-21s) was sampled on quarterly basis in 2022 and subsequently removed from groundwater monitoring plan in 2023; and

- The remaining 10 shallow aquifer monitoring wells (MW-2, MW-7, MW-9, MW-12, MW-16, MW-22s, MW-23s, MW-25s, MW-29s, and SBW-4) and 13 intermediate aquifer monitoring wells (MW-1i, MW-4i, MW-5B, MW-5i, MW-8i, MW-10i, MW-20i, MW-21i, MW-22i, MW-23i, MW-24ir, MW-25i, and MW-26i) are in compliance with cleanup levels (CULs) and were removed from the groundwater monitoring plan.

The SVE remediation system at the Site is shut down prior to each groundwater sampling event to allow for stabilization of the groundwater surface to hydrostatic conditions.

Groundwater Elevation Measurements

During each of the quarterly sampling events, TRC measured water levels in all 46 of the shallow and intermediate monitoring wells located at the Site. An electronic water level meter was used to measure the depth to water to the nearest 0.01 foot from a surveyed point at the top of the well casing. The measurements were subtracted from the surveyed casing elevations to establish piezometric elevations. Depth-to-water measurements and corresponding groundwater elevations for the monitoring events are presented in Table 1.

The depth to water in the shallow aquifers ranged from 4.30 to 13.54 feet below the top of the well casing. Piezometric elevations ranged from 4.56 to 16.39 feet above mean sea level (MSL). The piezometric data indicate that the shallow aquifer generally migrates in a northwesterly direction at an approximate gradient of 0.0137 feet/foot. Interpolated piezometric contours for the shallow aquifer for October 2023 are presented on Figure 3. Figure 4 depicts the interpolated piezometric contours for the shallow aquifer for the August 2022, November 2022, July 2023, and October 2023 sampling events.

The depth to water in the intermediate aquifer monitoring wells ranged from 3.85 feet to 11.95 feet below the top of the well casing. Piezometric elevations ranged from 7.10 feet to 17.79 feet above MSL. The piezometric data indicate that the intermediate aquifer groundwater generally migrates in a west–northwesterly direction at an approximate gradient of 0.0262 feet/foot. Interpolated piezometric contours for the intermediate aquifer for October 2023 are presented on Figure 5. Figure 6 depicts interpolated piezometric contours for the intermediate aquifer for the August 2022, November 2022, July 2023, and October 2023 sampling events.

There are 14 pairs of co-located shallow and intermediate aquifer well pairs. Water level data for these pairs indicate that there is a net upward hydraulic gradient between the shallow and intermediate aquifer over the entire Site. The net upward gradient ranged between 0.23 feet/foot and 4.07 feet/foot of head during the annual monitoring cycle. The vertical gradients are indicated on Figure 7. Downward gradients are indicated by negative values. Uncharacteristic downward gradients were observed during the August 2022 and July 2023 monitoring events. Downward gradients were observed between the following well pairs:

- MW-22s/MW-22i (August 2022 and July 2023)
- MW-24s/MW-24ir (July 2023)

Downward gradients appear to coincide with unusually high groundwater levels in the shallow aquifer.

The presence of a pervasive and Site-wide upward hydraulic gradient serves to significantly hinder the potential for transport of dissolved-phase contaminants from the shallow to the intermediate aquifer. Contaminant migration between the two aquifers cannot occur through convection and dispersion across the aquifer and is limited to transport along chemical gradients. Such chemical transport is extremely slow and subject to generally weak chemical forces. Additionally, those forces must work in the opposite direction of actual groundwater transport across the aquitard. This lack of chemical transport across the aquitard is confirmed by the lack of impacts to the intermediate aquifer, even in locations with elevated concentrations in the shallow aquifer (see below).

Groundwater Sampling and Analyses

After measuring and recording groundwater levels in monitoring wells, TRC collected groundwater samples from the Site wells scheduled for sampling.

Groundwater samples have been collected using passive diffusion bags (PDBs) during the November 2017 through October 2023 groundwater sampling events. The groundwater samples are collected by transferring groundwater from the recovered PDB directly into appropriate pre-labeled sample containers supplied by the laboratory.

After each sampling event, new PDBs are deployed in each well and allowed to remain in place between sampling events, thereby ensuring that the samples are in chemical equilibrium with the water in the formation. Excess water recovered in the PDBs was stored on Site in properly labeled 55-gallon drums pending permitted disposal.

Samples for Cr and CrVI analysis continue to be collected using low-flow methods. Immediately prior to sample collection, each well was purged with a peristaltic pump and dedicated tubing. TRC collected field measurements of pH, temperature, and conductivity. Wells were purged until consecutive parameter measurements stabilized to within 10 percent or until three wetted casing volumes had been removed, whichever occurred first. Purge water was stored on Site in properly labeled 55-gallon drums pending permitted disposal.

Wells were sampled using the same tubing and peristaltic pump used for purging. Sampling was conducted using low-flow sampling techniques to minimize sample volatilization and silt uptake. The groundwater samples were collected at a flow rate of less than 100 milliliters per minute and pumped directly into appropriate pre-labeled sample containers supplied by the laboratory.

All groundwater samples were submitted for analysis of VOCs using U.S. Environmental Protection Agency (EPA) Method 8260D. Selected groundwater samples were additionally submitted for the following analyses:

- Total Cr using EPA Method 200.8; and
- CrVI using EPA Method 7196.

Upon collection, the groundwater samples were placed in a chilled cooler and submitted to ALS Laboratory Group (ALS) in Everett, Washington, under standard chain-of-custody protocol. During each

event, field duplicate groundwater samples were also collected and submitted to ALS for quality control purposes.

GROUNDWATER ANALYTICAL RESULTS

Laboratory-reported chemical analytical data are summarized in Tables 2 and 3. Final laboratory analytical reports are included as Attachment A. The groundwater cleanup levels (CULs) for the Site were developed in Section 6.0 of the RI and summarized in Table 16 of the RI. The analytical results for the COCs relative to the CULs for each sampling event are summarized below.

For this report, TCE and CrVI in groundwater are the primary COCs for monitoring. These chemicals serve as indicator hazardous substances for the dissolved-phase plume.

Isoconcentration contours for the October 2023 TCE data are presented on Figure 8. Figure 9 depicts TCE isoconcentration contours for the August 2022, November 2022, July 2023, and October 2023 sampling events. Figure 10 depicts a graphical summary of the TCE distribution since December 2016 and illustrates the progression of groundwater quality improvement over the past seven years.

No graphics were prepared for CrVI because none of the detected concentrations exceeded the specific CUL developed in the RI.

August 2022

This was a quarterly sampling event. TCE was identified in three of the seven shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 6.9 µg/L in the sample from MW-24s to 180 µg/L in the sample from SBW-2. Only one of the reported concentrations exceeded the CUL for TCE of 8.4 µg/L (SBW-2). None of the intermediate depth aquifer wells were scheduled for sampling during this event.

Two samples from the shallow depth aquifer were additionally analyzed for Cr and CrVI. Cr was identified in both samples with concentrations of 18 µg/L in SBW-2 and 110 µg/L in SBW-3. There is not an established CUL for Cr. CrVI was not identified in either sample at concentrations exceeding the laboratory quantitation limit of 10 µg/L. The CUL for CrVI is 9,400 µg/L. None of the intermediate depth aquifer wells were scheduled for sampling during this event.

November 2022

This was a quarterly sampling event. TCE was identified in four of the 11 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 2.4 µg/L in the sample from MW-3 to 39 µg/L in the sample from SBW-2. Only one of the reported concentrations exceeded the CUL for TCE.

TCE was not identified in either of the two samples collected from intermediate depth aquifer during this event. The samples did not exceed the laboratory quantitation limit of 2.0 µg/L.

Two samples from the shallow depth aquifer were additionally analyzed for Cr and CrVI. Cr was identified in both samples, at concentrations of 25 µg/L in SBW-2 and 68 µg/L in SBW-3. CrVI was not identified in either sample at concentrations exceeding the laboratory quantitation limit of 10 µg/L. No samples from the intermediate depth aquifer were submitted for analysis of Cr and CrVI during this event.

July 2023

This was a Site-wide annual sampling event. TCE was identified in four of the 20 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 2.2 µg/L in the sample from MW-5 to 120 µg/L in the sample from SBW-2. Only one of the reported concentrations exceeded the CUL for TCE.

TCE was not identified in either of the two samples collected from the intermediate depth aquifer during this event. The samples did not exceed the laboratory quantitation limit of 2.0 µg/L.

Seven samples from the shallow depth aquifer were additionally analyzed for Cr and CrVI. Cr was identified in each of the seven samples. Reported concentrations of Cr ranged from 6.2 µg/L in MW-5s to 160 µg/L in SBW-3. CrVI was detected in two of the seven shallow monitoring wells sampled during this event. Reported concentrations of CrVI ranged from 33 µg/L in MW-14 and 140 µg/L in SMW-3. Neither of these concentrations exceeded the CUL for CrVI. No samples from the intermediate depth aquifer were submitted for analysis of CrVI during this event.

October 2023

This was a quarterly sampling event. TCE was identified in four of the six shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 18 µg/L in the sample from MW-8s to 190 µg/L in the sample from SBW-2. Only one of the reported concentrations exceeded the CUL for TCE. No samples from the intermediate depth aquifer were submitted for analysis of TCE during this event.

Two samples from the shallow depth aquifer were additionally analyzed for Cr and CrVI. Cr was identified in both samples, with concentrations of 17 µg/L in SBW-2 and 130 µg/L in SBW-3. CrVI was identified in the sample from SBW-3 with a concentration of 230 µg/L. This concentration does not exceed the CUL for CrVI. None of the intermediate depth aquifer wells were scheduled for sampling during this event.

GROUNDWATER AND COC TRENDS

Groundwater monitoring data for August 2022 through October 2023 were evaluated for temporal fluctuations and trends in groundwater gradient and direction and contaminant concentrations in the shallow and intermediated aquifers throughout the Site.

Piezometric Conditions

The observed hydraulic gradients and flow directions were generally consistent throughout the annual monitoring cycle and with prior annual monitoring cycles. Within the shallow aquifer, the inferred groundwater flow direction is consistently westerly to northwesterly with a gradient ranging between

0.0134 and 0.0141 feet/foot. Piezometric contour maps for the shallow aquifer are presented on Figure 3 (October 2023) and Figure 4 (August 2022 through July 2023). Water level data for the Site are summarized in Table 1.

Within the intermediate aquifer, the pattern of apparent groundwater migration was also very consistent during the annual monitoring cycle and with prior annual monitoring cycles. The inferred groundwater flow direction is consistently westerly to northwesterly with a gradient ranging between 0.0254 and 0.0283 feet/foot. Piezometric contour maps for the intermediate aquifer in the annual monitoring cycle are presented on Figure 5 (October 2023) and Figure 6 (August 2022 through February 2023).

Water data in 14 shallow and intermediate aquifers well pairs indicate that there is a consistent net upward hydraulic gradient between the shallow and intermediate aquifers over the entire Site. While small downward gradients were observed at one location during the August 2022 and two locations during the July 2023 monitoring events, the downward gradients vary temporally and spatially. They appear to coincide with unusually high groundwater levels in the shallow aquifer.

TCE Trends Analysis

TCE is the most abundant COC at the Site with the highest concentrations present in groundwater. TCE is therefore used as the indicator compound for the purposes of illustrating and discussing contaminant distribution trends. An evaluation of trends in reported TCE concentrations is presented below, and cumulative data for tetrachloroethene (PCE), TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC) are summarized in Table 2. The discussions below will indicate a decrease in intensity of both (i) the dissolved-phase plume (as measured by maximum concentrations) and (ii) the lateral extent of the plume (as measured in total area). This decrease is in response to the Interim Actions. As noted above, TCE is the indicator hazardous substance for the Site.

Figures 8 and 9 illustrate the dissolved-phase TCE plume in the shallow aquifer during the annual monitoring cycle and illustrate that the maximum extent of the plume, as defined by the 8.4 µg/L concentration isocontour remained stable during the 2022 to 2023 monitoring cycle. There was a slight increase in lateral area of the plume attributable to monitoring well MW-8s, in which the TCE concentration increased above the CUL during one event, in November 2022. The TCE concentration in MW-8s decreased to below the CUL in July 2023. During the November 2023 event, the TCE concentrations in both MW-3 and MW-8s increased above the CUL. The estimated lateral area of the TCE plume is about 2,380 square feet as of October 2023.

The maximum TCE concentrations in the core of the plume have remained stable from August 2022 to October 2023, with a slight decrease observed during the November 2022 monitoring event.

It is TRC's opinion that a residual pocket of TCE remains in the northwest portion of the Former Northwest Plating property. This residual mass is dissolving in shallow groundwater and migrating into South Dakota Street.

The TCE in the shallow aquifer extends northwest and west from the downgradient edge of the on-site building near MW-3 and into South Dakota Street, hydraulically downgradient of the source area.

Throughout the monitoring period, the highest TCE concentrations were generally observed in MW-8S, SBW-2, and SBW-3 (i.e., the source area wells). Samples from wells within and immediately downgradient of the former source area (i.e., MW-14, MW-15, MW-16, and MW-19) consistently do not contain detectable TCE concentrations (Figure 9). This finding indicates that residual impacts are localized to the area of SBW-5 and hydraulically downgradient.

For monitoring well MW-1, the TCE concentration from March 2016 to July 2023 decreased from 910 µg/L to 28 µg/L (approximately 97 percent). For monitoring well SBW-2, the TCE concentration from March 2016 to October 2023 decreased from 1,000 µg/L to 190 µg/L (approximately 81 percent). For monitoring well MW-3, the decrease was from 440 µg/L to 27 µg/L (approximately 94 percent), and for SBW-3 the decrease was from 100 µg/L to 20 µg/L (approximately 80 percent). This represents an average decrease of 89 percent from March 2016 to October 2023.

Figure 10 represents the distribution of the shallow TCE plume prior to remediation system startup in December 2016 through October 2023. This figure provides a graphical representation of the lateral extent of the dissolved-phase TCE plume as defined by the maximum lateral extent of concentrations exceeding the Site-specific CUL of 8.4 µg/L. This graphic indicates a substantial reduction in the area of the Site as defined by an exceedance of the TCE CUL. The pre-remediation area of the Site was approximately 57,005 square feet and the October 2023 area of the Site is approximately 2,380 square feet. This is an approximate 96 percent reduction in the lateral distribution of the Site.

The pre-remediation area of the Site exceeding the Site-specific remediation level (REL) of 37 µg/L was approximately 43,655 square feet in 2016 compared to the October 2023 area of 13,860 square feet. This represents an approximate decrease of 68 percent. The Site area increased slightly in 2023 compared to November 2022.

Hexavalent Chromium Trends Analysis

The available data indicate that concentrations of dissolved CrVI in the shallow depth aquifer have also decreased significantly in response to the ERD treatment. For monitoring well MW-14, the CrVI concentration from March 2016 to July 2023 decreased from 58 µg/L to 33 µg/L (greater than 43 percent). For MW-18 the decrease was from 5,300 µg/L to 160 µg/L (greater than 96 percent). For SBW-3, the decrease between March 2016 and September 2023 was from 170 µg/L to 130 µg/L (greater than 23 percent). This represents an average decrease in CrVI concentrations of about 54 percent from March 2016 to September 2023. Cumulative data for CrVI and total Cr are summarized in Table 3.

SVE System Operation

There are two SVE systems at the Site for remediation of the shallow soils. SVE System 1 was installed between June 20 and August 2, 2016, with a full-time startup on May 1, 2017. System 1 focuses on soil conditions within the apparent source area inside the former Northwest Plating Building. SVE System 2 was installed between July 17 and November 21, 2017, with full-time startup on December 4, 2017. System 2 focuses on soil conditions downgradient of the apparent source area and within the western portion of the building.

Extracted vapors for System 1 and 2 were initially treated through activated carbon to remove COCs prior to atmospheric discharge. Because the annual system effluent loads are less than the Puget Sound Clean Air Agency (PSCAA) discharge criteria, the system effluent does not currently require treatment. The atmospheric discharge is also exempt from permitting under the criteria set forth by PSCAA.

Details of the installation and startup of the SVE systems are provided in the *Remedial Action System As-Built and Startup Report* (As-Built Report), which was published on April 17, 2018. As noted above, this report was provided to Ecology through the VCP.

After quarterly groundwater sampling was performed in November 2022, System 1 was left off due to a mechanical issue. On February 8, 2023, blowers for both systems were removed for repairs. They were reinstalled and restarted on February 10, 2023. On April 25, both systems were vandalized and nonfunctional. System 1 remained off until June 7, when it was repaired and restarted. System 2 remains off due to mechanical issues. No operation and maintenance (O&M) was performed on either system between January and June 2023.

System O&M events were performed at the Site approximately every 6 weeks during the 2022 to 2023 monitoring period, except where noted otherwise. During the O&M site visits, TRC personnel monitored and recorded system status and operational parameters and made necessary adjustments to the system components to optimize performance.

Samples of the system effluent vapors were collected on each O&M visit to confirm compliance with the PSCAA exemption, estimate a contaminant mass removal rate, and evaluate control efficiency of the granulated activated carbon (GAC) treatment vessels (when used). The vapor samples were collected into Tedlar® bags and submitted to Fremont Analytical in Seattle, Washington, for laboratory analysis. All samples were analyzed for VOCs using EPA Method 8260D.

Based on the monitoring data and vapor analytical results, it is estimated that SVE System 1 has removed approximately 375 pounds of VOCs from the time of initial system startup on May 1, 2017 through September 28, 2023. SVE System 2 is estimated to have removed an additional 61 pounds of VOCs between December 4, 2017 and December 21, 2023. The total combined mass removal for both systems is 436 pounds of TCE equivalents.

For the period between August 2022 and September 2023, the SVE systems removed approximately 35.5 pounds of total VOCs. This relatively low rate is due to the systems being down for several months due to vandalism and subsequent maintenance time responding.

Tabulated vapor emissions data for the SVE systems are summarized in Tables 4 and 5. Tabulated mass removal and destruction efficiency data for SVE systems are summarized in Tables 6 and 7. A copy of the laboratory analytical reports for the system vapor samples is provided in Attachment B.

System monitoring data confirmed that the system discharges complied with PSCAA exemption limits.

CONCLUSIONS

The following conclusions are supported by the findings of the 2022 to 2023 annual monitoring cycle:

- The hydraulic gradients in the shallow and intermediate aquifers remained consistently westerly to northwesterly during the monitoring period. These gradients and flow directions are consistent with prior annual sampling periods and appear to be highly stable from year to year.
- A net upward hydraulic gradient between the shallow and intermediate aquifers is consistently observed across the Site. The net upward hydraulic gradient largely impedes the downward migration of VOCs into the intermediate aquifer as demonstrated by the absence of impacts to the intermediate aquifer, including beneath the former source area.
- The combined SVE and ERD treatment at the Site has been highly effective at addressing dissolved-phase VOC impacts to groundwater. Concentrations of TCE have decreased by as much as 99 percent when compared to the maximum pre-treatment concentration at well MW-1. The interim actions conducted have reduced the areal extent of the TCE plume by approximately 96 percent since December 2016, based on the lateral extend of concentrations exceeding the CUL of 8.4 µg/L.
- Impacts to groundwater at the Site are no longer present on the south-adjacent property at a concentration exceeding a CUL.
- No current CrVI concentrations exceed the site-specific CUL.
- The SVE systems appear to be highly effective at removing contaminant mass from the subsurface and limiting VOC dissolution to groundwater. Data collected to date indicate that the SVE systems have removed approximately 436 pounds of VOCs from May 2017 through October 2023 at an average rate of approximately 0.22 pounds per day.
- Between August 2022 and September 2023, the SVE systems removed approximately 36 pounds of total VOCs. This relatively low rate may be because the systems were down for several months due to maintenance outages and vandalism.

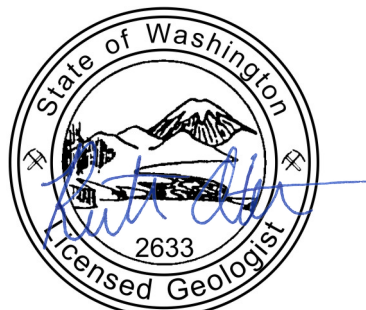
CLOSING

Groundwater monitoring at the Site is ongoing and will continue to be performed and reported in a manner consistent with our approved Scope of Work. TRC appreciates the opportunity to be of assistance on this project. If you have any questions or comments, please do not hesitate to contact us at 425-395-0010.

Sincerely,



Prepared by:
Madison Taylor
Project Geologist



RUTH A. OTTEMAN

Reviewed and approved by:
Ruth Otteman
Senior Geologist

ENCLOSURES

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Attachments

Attachment A	Laboratory Analytical Reports for Groundwater
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Tables

Table 1
Groundwater Elevation Data
Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-1 (MW-1s)	Shallow	9/22/2014	9.14	11.09	21.03	11.89
		6/5/2015	8.91	11.10		12.12
		9/14/2015	9.00	NM		12.03
		11/30/2015	8.43	NM		12.60
		3/14/2016	7.61	NM		13.42
		8/1/2016	8.99	NM		12.04
		12/5/2016	8.10	NM		12.93
		2/27/2017	2.95	11.09		18.08
		5/15/2017	8.48	NM		12.55
		8/1/2017	8.87	NM		12.16
		11/28/2017	7.86	NM		13.17
		2/27/2018	8.45	NM		12.58
		6/12/2018	8.52	11.09		12.51
		8/18/2018	9.15	NM		11.88
		11/19/2018	8.40	NM		12.63
		2/25/2019	7.92	NM		13.11
		5/7/2019	8.46	NM		12.57
		7/29/2019	8.66	NM		12.37
		11/25/2019	8.58	NM		12.45
		2/25/2020	8.02	NM		13.01
		5/28/2020	9.08	NM		11.95
		8/10/2020	8.02	NM		13.01
		11/30/2020	8.20	NM		12.83
		2/23/2021	7.93	11.04		13.10
		5/18/2021	5.63	11.04		15.40
		8/23/2021	8.92	11.04		12.11
		11/10/2021	7.96	11.04		13.07
		2/10/2022	8.34	11.04		12.69
		5/10/2022	8.34	NM		12.69
		8/1/2022	8.58	NM		12.45
		11/28/2022	8.44	NM		12.59
		7/5/2023	8.59	NM		12.44
		10/4/2023	8.6	NM		12.43
MW-1i	Intermediate	10/28/2013	6.22	25.00	21.19	14.97
		8/26/2014	6.28	NM		14.91
		9/22/2014	6.38	NM		14.81
		6/5/2015	6.12	25.21		15.07
		9/14/2015	6.48	NM		14.71
		11/30/2015	5.97	NM		15.22
		3/14/2016	4.85	NW		16.34
		8/1/2016	6.29	NM		14.90
		12/5/2016	5.56	NM		15.63
		2/27/2017	5.09	25.0		16.10
		5/15/2017	5.53	NM		15.66
		8/1/2017	6.10	NM		15.09
		11/28/2017	5.50	NM		15.69
		2/27/2018	5.43	NM		15.76
		6/12/2018	8.71	25.00		12.48
		8/18/2018	5.98	NM		15.21
		11/19/2018	5.88	NM		15.31
		2/25/2019	5.26	NM		15.93
		5/7/2019	5.63	NM		15.56
		7/29/2019	5.98	NM		15.21
		11/25/2019	5.99	NM		15.20
		2/25/2020	5.44	NM		15.75
		5/28/2020	5.69	NM		15.50
		8/10/2020	6.01	NM		15.18
		11/30/2020	5.74	NM		15.45
		2/23/2021	5.15	25.23		16.04
		5/18/2021	5.53	25.23		15.66
		8/23/2021	6.04	25.23		15.15
		11/9/2021	5.64	25.23		15.55
		2/10/2022	5.47	25.23		15.72
		5/10/2022	5.31	NM		15.88
		8/1/2022	5.68	NM		15.51
		11/28/2022	5.88	NM		15.31
		7/5/2023	5.75	NM		15.44
		10/4/2023	5.98	NM		15.21
MW-2	Shallow	10/28/2013	7.34	12.49	22.18	14.84

Table 1
Groundwater Elevation Data
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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-2	Shallow	8/26/2014	7.41	NM	22.18	14.77
		9/22/2014	7.50	NM		14.68
		6/5/2015	7.29	12.53		14.89
		9/14/2015	7.45	NM		14.73
		11/30/2015	7.11	NM		15.07
		3/14/2016	6.69	NM		15.49
		8/1/2016	7.34	NM		14.84
		12/5/2016	6.92	NM		15.26
		2/27/2017	6.86	12.49		15.32
		5/15/2017	7.02	NM		15.16
		8/1/2017	7.30	NM		14.88
		11/28/2017	6.88	NM		15.30
		2/27/2018	7.01	NM		15.17
		6/12/2018	7.25	12.49		14.93
		8/18/2018	7.39	NM		14.79
		11/19/2018	6.39	NM		15.79
		2/25/2019	6.92	NM		15.26
		5/7/2019	7.13	NM		15.05
		7/29/2019	7.26	NM		14.92
		11/25/2019	7.19	NM		14.99
		2/25/2020	6.64	NM		15.54
		5/28/2020	7.12	NM		15.06
		8/10/2020	7.33	NM		14.85
		11/30/2020	6.90	NM		15.28
		2/23/2021	6.92	12.53		15.26
		5/18/2021	7.12	12.53		15.06
		8/23/2021	7.41	12.53		14.77
		11/9/2021	6.81	12.53		15.37
		2/10/2022	7.02	12.53		15.16
		5/10/2022	6.98	NM		15.20
		8/1/2022	7.3	NM		14.88
		11/28/2022	7.07	NM		15.11
		7/5/2023	7.28	NM		14.90
		10/4/2023	NM	NM		NM
MW-3	Shallow	10/28/2013	9.10	12.31	21.26	12.16
		8/26/2014	9.20	NM		12.06
		9/22/2014	9.26	NM		12.00
		6/5/2015	9.09	12.51		12.17
		9/14/2015	9.22	NM		12.04
		11/30/2015	8.83	NM		12.43
		3/14/2016	8.21	NW		13.05
		8/1/2016	9.13	NM		12.13
		12/5/2016	8.58	NM		12.68
		2/27/2017	8.46	12.31		12.80
		5/15/2017	8.89	NM		12.37
		8/1/2017	9.15	NM		12.11
		11/28/2017	8.38	NM		12.88
		2/27/2018	8.67	NM		12.59
		6/12/2018	9.01	12.31		12.25
		8/18/2018	9.05	NM		12.21
		11/19/2018	8.93	NM		12.33
		2/25/2019	8.36	NM		12.90
		5/7/2019	8.91	NM		12.35
		7/29/2019	9.10	NM		12.16
		11/25/2019	9.03	NM		12.23
		2/25/2020	8.45	NM		12.81
		5/28/2020	8.98	NM		12.28
		8/10/2020	9.10	NM		12.16
		11/30/2020	8.75	NM		12.51
		2/23/2021	5.31	12.53		15.95
		5/18/2021	9.02	12.53		12.24
		8/23/2021	9.14	12.53		12.12
		11/10/2021	8.50	12.53		12.76
		2/10/2022	8.76	12.53		12.50
		5/10/2022	8.74	NM		12.52
		8/1/2022	9.06	NM		12.20
		11/28/2022	9.11	NM		12.12
		7/5/2023	9.22	NM		12.76
		10/4/2023	9.14	NM		12.50
MW-4	Shallow	10/28/2013	8.06	11.65	22.98	14.92
		8/26/2014	8.19	NM		14.79
		9/22/2014	8.27	NM		14.71
		6/5/2015	7.92	11.86		15.06
		9/14/2015	8.21	NM		14.77
		11/30/2015	7.68	NM		15.30
		3/14/2016	7.14	NW		15.84
		8/1/2016	8.13	NM		14.85
		12/5/2016	7.31	NM		15.67

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-4	Shallow	2/27/2017	7.23	11.65	22.98	15.75
		5/15/2017	7.44	NM		15.54
		8/1/2017	8.05	NM		14.93
		11/28/2017	7.49	NM		15.49
		2/27/2018	7.52	NM		15.46
		6/12/2018	7.88	11.65		15.10
		8/18/2018	8.18	NM		14.80
		11/19/2018	7.52	NM		15.46
		2/25/2019	7.35	NM		15.63
		5/7/2019	7.81	NM		15.17
		7/29/2019	8.15	NM		14.83
		11/25/2019	7.95	NM		15.03
		2/25/2020	7.47	NM		15.51
		5/28/2020	7.87	NM		15.11
		8/10/2020	8.14	NM		14.84
		11/30/2020	7.71	NM		15.27
		2/23/2021	7.35	11.89		15.63
		5/18/2021	7.83	11.89		15.15
		8/23/2021	8.31	11.89		14.67
		11/9/2021	7.48	11.89		15.50
		2/10/2022	7.45	11.89		15.53
		5/10/2022	7.59	NM		15.39
		8/1/2022	8.11	NM		14.87
		11/28/2022	7.80	NM		15.18
		7/5/2023	8.03	NM		14.95
		10/4/2023	8.12	NM		14.86
MW-4i	Intermediate	11/30/2015	5.01	NM	22.84	17.83
		3/14/2016	4.17	NM		18.67
		8/1/2016	5.11	NM		17.73
		12/5/2016	4.72	NM		18.12
		2/27/2017	3.29	NM		19.55
		5/15/2017	4.56	NM		18.28
		8/1/2017	5.14	NM		17.70
		11/28/2017	4.94	39.97		17.90
		2/27/2018	4.69	NM		18.15
		6/12/2018	4.99	NM		17.85
		8/18/2018	5.17	NM		17.67
		11/19/2018	5.09	NM		17.75
		2/25/2019	4.54	NM		18.30
		5/7/2019	4.85	NM		17.99
		7/29/2019	5.28	NM		17.56
		11/25/2019	5.32	NM		17.52
		2/25/2020	4.89	NM		17.95
		5/28/2020	4.97	NM		17.87
		8/10/2020	5.28	NM		17.56
		11/30/2020	5.14	NM		17.70
		2/23/2021	4.66	39.89		18.18
		5/18/2021	4.90	39.89		17.94
		8/23/2021	5.38	39.89		17.46
		11/9/2021	5.02	39.89		17.82
		2/10/2022	4.93	39.89		17.91
		5/10/2022	4.72	NM		18.12
		8/1/2022	5.05	NM		17.79
		11/28/2022	5.23	NM		17.61
		7/5/2023	5.14	NM		17.70
		10/4/2023	5.38	NM		17.46
MW-5	Intermediate	8/26/2014	5.30	24.93	21.80	16.50
		9/22/2014	5.40	NM		16.40
		6/5/2015	5.19	25.28		16.61
		9/14/2015	5.46	NM		16.34
		11/30/2015	5.19	NM		16.61
		3/14/2016	4.29	NM		17.51
		1/19/2017	WELL DECOMMISSIONED			
MW-5B	Intermediate	10/28/2013	5.09	25.23	21.72	16.63
		8/26/2014	5.23	NM		16.49
		9/22/2014	5.32	NM		16.40
		6/5/2015	5.08	25.26		16.64
		9/14/2015	5.38	NM		16.34
		11/30/2015	5.09	NM		16.63
		3/14/2016	4.23	NM		17.49
		8/1/2016	5.35	NM		16.37

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-5B	Intermediate	12/5/2016	4.84	NM	21.72	16.88
		2/27/2017	4.46	25.23		17.26
		5/15/2017	4.70	NM		17.02
		8/1/2017	5.24	NM		16.48
		11/28/2017	4.98	NM		16.74
		2/27/2018	4.81	NM		16.91
		6/12/2018	5.08	25.23		16.64
		8/18/2018	5.29	NM		16.43
		11/19/2018	5.20	NM		16.52
		2/25/2019	4.66	NM		17.06
		5/7/2019	4.98	NM		16.74
		7/29/2019	5.34	NM		16.38
		11/25/2019	5.39	NM		16.33
		2/25/2020	4.93	NM		16.79
		5/28/2020	5.08	NM		16.64
		8/10/2020	5.45	NM		16.27
		11/30/2020	5.10	NM		16.62
		2/23/2021	4.85	25.25		16.87
		5/18/2021	5.03	25.25		16.69
		8/23/2021	5.49	25.25		16.23
		11/9/2021	5.14	25.25		16.58
		2/10/2022	5.03	25.25		16.69
		5/10/2022	4.90	NM		16.82
		8/1/2022	5.23	NM		16.49
		11/28/2022	5.38	NM		16.34
		7/5/2023	5.36	NM		16.36
		10/4/2023	NM	NM		NM
MW-05 (MW-05s)	Shallow	8/26/2014	13.02	NM	27.32	14.30
		9/22/2014	13.13	NM		14.19
		6/5/2015	12.82	15.00		14.50
		9/14/2015	13.08	NM		14.24
		11/30/2015	12.96	NM		14.36
		3/14/2016	11.98	NM		15.34
		8/1/2016	13.00	NM		14.32
		12/5/2016	12.20	NM		15.12
		2/27/2017	12.04	NM		15.28
		5/15/2017	12.23	NM		15.09
		8/1/2017	12.79	NM		14.53
		11/28/2017	12.30	14.98		15.02
		2/27/2018	12.30	NM		15.02
		6/12/2018	12.69	NM		14.63
		8/18/2018	12.88	NM		14.44
		11/19/2018	12.31	NM		15.01
		2/25/2019	12.18	NM		15.14
		5/7/2019	12.59	NM		14.73
		7/29/2019	12.84	NM		14.48
		12/18/2019	12.70	NM		14.62
		2/25/2020	12.17	NM		15.15
		5/28/2020	12.58	NM		14.74
		8/10/2020	12.88	NM		14.44
		11/30/2020	11.04	NM		16.28
		2/23/2021	12.12	15.03		15.20
		5/18/2021	12.58	15.03		14.74
		8/23/2021	13.17	15.03		14.15
		11/9/2021	12.51	15.03		14.81
		2/10/2022	12.26	15.03		15.06
		5/10/2022	12.39	NM		14.93
		8/1/2022	12.82	NM		14.50
		11/28/2022	12.74	NM		14.58
		7/5/2023	12.81	NM		14.51
		10/4/2023	12.86	NM		14.46
MW-05i	Intermediate	6/5/2015	10.90	25.80	27.38	16.48
		9/14/2015	11.18	NM		16.20
		11/30/2015	10.84	NM		16.54
		3/14/2016	10.02	NM		17.36
		8/1/2016	11.29	NM		16.09
		12/5/2016	10.69	NM		16.69

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-05i	Intermediate	2/27/2017	10.40	NM	27.38	16.98
	Intermediate	5/15/2017	10.61	NM		16.77
		8/1/2017	11.21	NM		16.17
		11/28/2017	10.88	25.80		16.50
		2/27/2018	10.71	NM		16.67
		6/12/2018	11.04	NM		16.34
		8/18/2018	11.27	NM		16.11
		11/19/2018	10.95	NM		16.43
		2/25/2019	10.57	NM		16.81
		5/7/2019	10.92	NM		16.46
		7/29/2019	11.24	NM		16.14
		11/25/2019	Not measured			
		2/25/2020	10.76	NM	27.38	16.62
		5/28/2020	10.98	NM		16.40
		8/10/2020	11.36	NM		16.02
		11/30/2020	12.53	NM		14.85
		2/23/2021	11.09	25.82		16.29
		5/18/2021	10.58	25.82		16.80
		8/23/2021	11.48	25.82		15.90
		11/9/2021	10.99	25.82		16.39
		2/10/2022	10.85	25.82		16.53
		5/10/2022	10.75	NM		16.63
		8/1/2022	11.16	NM		16.22
		11/28/2022	11.23	NM		16.15
		7/5/2023	11.19	NM		16.19
		10/4/2023	11.38	NM	16.00	
MW-6		WELL DECOMMISSIONED				
MW-7s	Shallow	6/5/2015	9.73	13.46	21.57	11.84
		9/14/2015	9.87	NM		11.70
		11/30/2015	9.16	NM		12.41
		3/14/2016	8.48	NM		13.09
		8/1/2016	9.89	NM		11.68
		12/5/2016	8.88	NM		12.69
		2/27/2017	8.75	NM		12.82
		5/15/2017	9.28	NM		12.29
		8/1/2017	9.81	NM		11.76
		11/28/2017	8.68	NM		12.89
		2/27/2018	8.99	NM		12.58
		6/12/2018	9.38	NM		12.19
		8/18/2018	9.60	NM		11.97
		11/19/2018	9.25	NM		12.32
		2/25/2019	8.66	NM		12.91
		5/7/2019	9.28	NM		12.29
		7/29/2019	9.45	NM		12.12
		11/25/2019	9.34	NM		12.23
		2/25/2020	8.73	NM		12.84
		5/28/2020	9.32	NM		12.25
		8/10/2020	9.62	NM		11.95
		11/30/2020	8.94	NM		12.63
		2/23/2021	8.57	13.46		13.00
		5/18/2021	9.44	13.46		12.13
		8/23/2021	9.84	13.46		11.73
		11/9/2021	8.69	13.46		12.88
		2/10/2022	9.08	13.46		12.49
		5/10/2022	9.09	NM		12.48
		8/1/2022	9.62	NM		11.95
		11/28/2022	9.38	NM		12.19
		7/5/2023	9.69	NM		11.88
		10/4/2023	9.41	NM		12.16
MW-7i	Intermediate	10/28/2013	6.76	24.90	21.40	14.64
		8/26/2014	7.47	NM		13.93
		9/22/2014	7.62	NM		13.78
		6/5/2015	7.22	25.06		14.18
		9/14/2015	7.63	NM		13.77
		11/30/2015	6.58	NM		14.82
		11/30/2015	6.28	NM		-6.28
		3/14/2016	5.49	NM		-5.49

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MW-7ir	Intermediate	8/1/2016	6.65	NM	21.48	-6.65
		12/5/2016	6.11	NM		-6.11
		2/27/2017	6.76	NM		-6.76
		5/15/2017	6.02	NM		-6.02
		8/1/2017	6.74	NM		-6.74
		11/28/2017	6.29	NM		-6.29
		2/27/2018	6.11	NM		-6.11
		6/12/2018	6.42	NM		-6.42
		8/18/2018	6.69	NM		-6.69
		11/19/2018	6.54	NM		-6.54
		2/25/2019	5.92	NM		-5.92
		5/7/2019	6.29	NM		-6.29
		7/29/2019	6.65	NM		-6.65
		11/25/2019	6.65	NM		-6.65
		2/25/2020	8.11	NM		-8.11
		5/28/2020	6.35	NM		-6.35
		8/10/2020	6.78	NM		-6.78
		11/30/2020	6.40	NM		-6.40
		2/23/2021	5.86	34.73		-5.86
		5/18/2021	6.31	34.73		-6.31
		8/23/2021	6.75	34.73		-6.75
		11/9/2021	6.33	34.73		-6.33
		2/10/2022	6.21	34.73		-6.21
		5/10/2022	6.04	NM		-6.04
		8/1/2022	6.46	NM		-6.46
		11/28/2022	6.51	NM		-6.51
		7/5/2023	6.48	NM		-6.48
		10/4/2023	6.73	NM		-6.73
MW-7 (MW-7d)	Deep	9/22/2014	3.87	39.00	21.29	17.42
		6/5/2015	3.60	39.45		17.69
		9/14/2015	3.85	NM		17.44
		11/30/2015	3.68	NM		17.61
		3/14/2016	2.75	NM		18.54
		1/19/2017	WELL DECOMMISSIONED			
MW-07	Shallow	8/26/2014	11.79	NM	26.55	14.76
		9/22/2014	11.90	NM		14.65
		6/5/2015	11.53	14.32		15.02
		9/14/2015	11.80	NM		14.75
		11/30/2015	11.21	NM		15.34
		3/14/2016	10.65	NM		15.90
		8/1/2016	11.75	NM		14.80
		12/5/2016	10.84	NM		15.71
		2/27/2017	10.77	NM		15.78
		5/15/2017	10.99	NM		15.56
		8/1/2017	11.61	NM		14.94
		11/28/2017	11.05	13.30		15.50
		2/27/2018	11.06	NM		15.49
		6/12/2018	11.46	NM		15.09
		8/18/2018	11.75	NM		14.80
		11/19/2018	11.05	NM		15.50
		2/25/2019	10.92	NM		15.63
		5/7/2019	11.32	NM		15.23
		7/29/2019	11.65	NM		14.90
		11/25/2019	11.51	NM		15.04
		2/25/2020	10.98	NM		15.57
		5/28/2020	11.41	NM		15.14
		8/10/2020	11.73	NM		14.82
		11/30/2020	11.28	NM		15.27
		2/23/2021	10.83	14.33		15.72
		5/18/2021	11.41	14.33		15.14
		8/23/2021	11.88	14.33		14.67
		11/9/2021	11.03	14.33		15.52
		2/10/2022	11.02	14.33		15.53
		5/10/2022	11.13	NM		15.42
		8/1/2022	11.67	NM		14.88
		11/28/2022	11.37	NM		15.18
		7/5/2023	11.60	NM		14.95

Table 1
Groundwater Elevation Data
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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-07	Shallow	10/4/2023	11.71	NM	26.55	14.84
MW-8s	Shallow	6/5/2015	8.10	13.64	19.58	11.48
		9/14/2015	8.20	NM		11.38
		11/30/2015	7.57	NM		12.01
		3/14/2016	4.12	NM		15.46
		8/1/2016	8.25	NM		11.33
		12/5/2016	7.37	NM		12.21
		2/27/2017	7.20	NM		12.38
		5/15/2017	8.71	NM		10.87
		8/1/2017	8.87	NM		10.71
		11/28/2017	7.25	10.90		12.33
		2/27/2018	7.55	NM		12.03
		6/12/2018	7.86	NM		11.72
		8/18/2018	8.06	NM		11.52
		11/19/2018	7.74	NM		11.84
		2/25/2019	7.26	NM		12.32
		5/7/2019	7.71	NM		11.87
		7/29/2019	7.76	NM		11.82
		11/25/2019	7.80	NM		11.78
		2/25/2020	7.41	NM		12.17
		5/28/2020	7.84	NM		11.74
		8/10/2020	8.05	NM		11.53
		11/30/2020	7.50	NM		12.08
		2/23/2021	7.29	13.67		12.29
		5/18/2021	7.86	13.67		11.72
		8/23/2021	8.19	13.67		11.39
		11/10/2021	7.17	13.67		12.41
		2/10/2022	7.60	13.67		11.98
		5/10/2022	7.62	NM		11.96
		8/1/2022	7.96	NM		11.62
		11/28/2022	7.48	NM		12.10
		7/5/2023	8.01	NM		11.57
		10/4/2023	7.87	NM		11.71
MW-8 (MW-8i)	Intermediate	10/28/2013	5.59	25.00	19.49	13.90
		8/26/2014	5.64	NM		13.85
		9/22/2014	5.82	NM		13.67
		6/5/2015	5.54	25.19		13.95
		9/14/2015	5.81	NM		13.68
		11/30/2015	5.40	NM		14.09
		3/14/2016	5.09	NM		14.40
		8/1/2016	5.32	NM		14.17
		12/5/2016	5.41	NM		14.08
		2/27/2017	4.93	25.00		14.56
		5/15/2017	5.04	NM		14.45
		8/1/2017	5.63	NM		13.86
		11/28/2017	4.31	NM		15.18
		2/27/2018	5.04	NM		14.45
		6/12/2018	6.09	25.00		13.40
		8/18/2018	5.65	NM		13.84
		11/19/2018	5.56	NM		13.93
		2/25/2019	4.91	NM		14.58
		5/7/2019	5.32	NM		14.17
		7/29/2019	5.67	NM		13.82
		11/25/2019	5.71	NM		13.78
		2/25/2020	5.11	NM		14.38
		5/28/2020	5.44	NM		14.05
		8/10/2020	5.74	NM		13.75
		11/30/2020	5.50	NM		13.99
		2/23/2021	5.43	25.33		14.06
		5/18/2021	5.36	25.33		14.13
		8/23/2021	5.8	25.33		13.69
		11/9/2021	5.48	25.33		14.01
		2/10/2022	5.22	25.33		14.27
		5/10/2022	5.18	NM		14.31
		8/1/2022	5.47	NM		14.02
		11/28/2022	5.63	NM		13.86
		7/5/2023	5.57	NM		13.92

Table 1
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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-8 (MW-8i)	Intermediate	10/4/2023	5.67	NM	19.49	13.82
MW-9	Shallow	10/28/2013	10.34	14.86	19.03	8.69
		8/26/2014	10.49	NM		8.54
		9/22/2014	10.59	NM		8.44
		6/5/2015	10.47	15.06		8.56
		9/14/2015	10.39	NM		8.64
		11/30/2015	10.00	NM		9.03
		3/14/2016	9.67	NM		9.36
		8/1/2016	10.54	NM		8.49
		12/5/2016	9.86	NM		9.17
		2/27/2017	9.88	14.86		9.15
		5/15/2017	10.19	NM		8.84
		8/1/2017	10.52	NM		8.51
		11/28/2017	9.86	NM		9.17
		2/27/2018	10.2	NM		8.83
		6/12/2018	10.87	14.86		8.16
		8/18/2018	10.48	NM		8.55
		11/19/2018	10.30	NM		8.73
		2/25/2019	9.89	NM		9.14
		5/7/2019	10.32	NM		8.71
		7/29/2019	10.44	NM		8.59
		11/25/2019	10.29	NM		8.74
		2/25/2020	10.05	NM		8.98
		5/28/2020	10.32	NM		8.71
		8/10/2020	10.50	NM		8.53
		11/30/2020	10.17	NM		8.86
		2/23/2021	10.37	15.07		8.66
		5/18/2021	10.41	15.07		8.62
		8/23/2021	10.96	15.07		8.07
		11/9/2021	9.89	15.07		9.14
		2/10/2022	10.19	15.07		8.84
		5/10/2022	10.17	NM		8.86
		8/1/2022	10.45	NM		8.58
		11/28/2022	10.16	NM		8.87
		7/5/2023	10.43	NM		8.60
		10/4/2023	10.32	NM		8.71
MW-10 (MW-10s)	Shallow	10/28/2013	11.98	23.71	18.6	6.62
		8/26/2014	12.02	NM		6.58
		9/22/2014	12.17	NM		6.43
		6/5/2015	11.84	24.35		6.76
		9/14/2015	12.08	NM		6.52
		11/30/2015	NM	NM		NM
		3/14/2016	11.11	NM		7.49
		8/1/2016	11.99	NM		6.61
		12/5/2016	11.33	NM		7.27
		2/27/2017	11.17	23.71		7.43
		5/15/2017	11.44	NM		7.16
		8/1/2017	11.88	NM		6.72
		11/28/2017	11.57	NM		7.03
		2/27/2018	11.57	NM		7.03
		6/12/2018	11.86	23.71		6.74
		8/18/2018	12.08	NM		6.52
		11/19/2018	12.12	NM		6.48
		2/25/2019	11.32	NM		7.28
		5/7/2019	11.69	NM		6.91
		7/29/2019	12.00	NM		6.60
		11/25/2019	12.09	NM		6.51
		2/25/2020	11.41	NM		7.19
		5/28/2020	11.78	NM		6.82
		8/10/2020	12.00	NM		6.60
		11/30/2020	11.61	NM		6.99
		2/23/2021	9.71	24.40		8.89
		5/18/2021	11.53	24.40		7.07
		8/23/2021	12.2	24.40		6.40
		11/9/2021	11.49	24.40		7.11
		2/10/2022	10.31	24.40		8.29
		5/10/2022	11.38	NM		7.22

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-10 (MW-10s)	Shallow	8/1/2022	11.64	NM	18.6	6.96
		11/28/2022	11.70	NM		6.90
		7/5/2023	11.87	NM		6.73
		10/4/2023	11.81	NM		6.79
MW-10i	Intermediate	6/5/2015	12.60	32.93	18.88	6.28
		9/14/2015	11.83	NM		7.05
		11/30/2015	11.27	NM		7.61
		3/14/2016	11.18	NM		7.70
		8/1/2016	11.15	NM		7.73
		12/5/2016	10.76	NM		8.12
		2/27/2017	10.29	NM		8.59
		5/15/2017	11.47	NM		7.41
		8/1/2017	11.66	NM		7.22
		11/28/2017	11.25	32.93		7.63
		2/27/2018	11.64	NM		7.24
		6/12/2018	12.31	NM		6.57
		8/18/2018	11.75	NM		7.13
		11/19/2018	11.67	NM		7.21
		2/25/2019	10.97	NM		7.91
		5/7/2019	11.05	NM		7.83
		7/29/2019	11.46	NM		7.42
		11/25/2019	11.33	NM		7.55
		2/25/2020	11.15	NM		7.73
		5/28/2020	11.53	NM		7.35
		8/10/2020	11.34	NM		7.54
		11/30/2020	10.99	NM		7.89
		2/23/2021	11.54	32.95		7.34
		5/18/2021	11.39	32.95		7.49
		8/23/2021	11.69	32.95		7.19
		11/9/2021	10.96	32.95		7.92
		2/10/2022	11.34	32.95		7.54
		5/10/2022	10.82	NM		8.06
		8/1/2022	11	NM		7.88
		11/28/2022	10.97	NM		7.91
		7/5/2023	11.53	NM		7.35
		10/4/2023	11.08	NM		7.80
MW-11	Shallow	10/28/2013	6.61	14.13	13.33	6.72
		8/26/2014	7.14	NM		6.19
		9/22/2014	7.21	NM		6.12
		6/5/2015	6.95	14.99		6.38
		9/14/2015	7.12	NM		6.21
		11/30/2015	6.85	NM		6.48
		3/14/2016	6.60	NM		6.73
		8/1/2016	7.12	NM		6.21
		12/5/2016	6.72	NM		6.61
		2/27/2017	6.59	14.13		6.74
		5/15/2017	6.73	NM		6.60
		8/1/2017	6.98	NM		6.35
		11/28/2017	6.89	NM		6.44
		2/27/2018	6.92	NM		6.41
		6/12/2018	7.05	14.13		6.28
		8/18/2018	7.14	NM		6.19
		11/19/2018	7.23	NM		6.10
		2/25/2019	6.72	NM		6.61
		5/7/2019	6.90	NM		6.43
		7/29/2019	7.11	NM		6.22
		11/25/2019	7.23	NM		6.10
		2/25/2020	6.86	NM		6.47
		5/28/2020	7.03	NM		6.30
		8/10/2020	7.18	NM		6.15
		11/30/2020	6.86	NM		6.47
		2/23/2021	6.49	15.03		6.84
		5/18/2021	6.73	15.03		6.60
		8/23/2021	7.02	15.03		6.31
		11/10/2021	6.80	15.03		6.53
		2/10/2022	6.65	15.03		6.68
		5/10/2022	6.7	NM		6.63

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)	
MW-11	Shallow	8/1/2022	6.86	NM	13.33	6.47	
		11/28/2022	6.95	NM		6.38	
		7/5/2023	6.91	NM		6.42	
		10/4/2023	7.06	NM		6.27	
MW-12	Shallow	10/28/2013	4.83	12.22	11.46	6.63	
		8/26/2014	4.87	NM		6.59	
		9/22/2014	4.98	NM		6.48	
		6/5/2015	4.66	14.88		6.80	
		9/14/2015	4.84	NM		6.62	
		11/30/2015	4.38	NM		7.08	
		3/14/2016	3.98	NM		7.48	
		8/1/2016	4.80	NM		6.66	
		12/5/2016	4.5	NM		6.96	
		2/27/2017	4.02	12.22		7.44	
		5/15/2017	4.25	NM		7.21	
		8/1/2017	4.71	NM		6.75	
		11/28/2017	4.42	NM		7.04	
		2/27/2018	4.4	NM		7.06	
		6/12/2018	Not measured, well inaccessible				
		8/18/2018	4.88	NM	11.46	6.58	
		11/19/2018	4.95	NM		6.51	
		2/25/2019	4.17	NM		7.29	
		5/7/2019	4.53	NM		6.93	
		7/29/2019	4.85	NM		6.61	
		11/25/2019	4.89	NM		6.57	
		2/25/2020	4.26	NM		7.20	
		5/28/2020	4.55	NM		6.91	
		8/10/2020	4.79	NM		6.67	
		11/30/2020	Not measured, well inaccessible				NM
		2/23/2021	3.94	14.99	11.46	7.52	
		5/18/2021	4.29	14.99		7.17	
		8/23/2021	4.62	14.99		6.84	
		11/10/2021	4.19	14.99		7.27	
		2/10/2022	NM	NM		NM	
		5/10/2022	4.12	NM		7.34	
		8/1/2022	4.3	NM		7.16	
		11/28/2022	4.36	NM		7.10	
		7/5/2023	4.35	NM		7.11	
		10/4/2023	NM	NM		NM	
MW-13	--	WELL INACCESSIBLE					
MW-14	Shallow	10/28/2013	6.64	7.81	21.58	14.94	
		8/26/2014	6.80	NM		14.78	
		9/22/2014	6.91	NM		14.67	
		6/5/2015	6.55	8.20		15.03	
		9/14/2015	7.23	NM		14.35	
		11/30/2015	6.29	NM		15.29	
		3/14/2016	5.83	NM		15.75	
		8/1/2016	6.72	NM		14.86	
		12/5/2016	5.68	NM		15.90	
		2/27/2017	5.29	7.81		16.29	
		5/15/2017	6.09	NM		15.49	
		8/1/2017	6.63	NM		14.95	
		11/28/2017	6.12	NM		15.46	
		2/27/2018	6.18	NM		15.40	
		6/12/2018	6.48	7.81		15.10	
		8/18/2018	6.72	NM		14.86	
		11/19/2018	6.15	NM		15.43	
		2/25/2019	5.98	NM		15.60	
		5/7/2019	6.40	NM		15.18	
		7/29/2019	6.71	NM		14.87	
		11/25/2019	6.52	NM		15.06	
		2/25/2020	6.09	NM		15.49	
		5/28/2020	6.49	NM		15.09	
		8/10/2020	6.61	NM		14.97	
		11/30/2020	6.32	NM		15.26	
		2/23/2021	5.98	8.16		15.60	
		5/18/2021	6.53	8.16		15.05	

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MW-14	Shallow	8/23/2021	6.84	8.16	21.58	14.74
		11/9/2021	6.15	8.16		15.43
		2/10/2022	6.17	8.16		15.41
		5/10/2022	6.23	NM		15.35
		8/1/2022	6.73	NM		14.85
		11/28/2022	6.50	NM		15.08
		7/5/2023	6.58	NM		15.00
		10/4/2023	6.73	NM		14.85
MW-15 (MW-15s)	Shallow	10/28/2013	6.99	10.00	21.54	14.55
		8/26/2014	7.12	NM		14.42
		9/22/2014	7.18	NM		14.36
		6/5/2015	6.93	10.19		14.61
		9/14/2015	7.14	NM		14.40
		11/30/2015	6.69	NM		14.85
		3/14/2016	3.19	NM		18.35
		8/1/2016	7.02	NM		14.52
		12/5/2016	6.36	NM		15.18
		2/27/2017	6.21	10.00		15.33
		5/15/2017	6.33	NM		15.21
		8/1/2017	6.83	NM		14.71
		11/28/2017	6.38	NM		15.16
		2/27/2018	6.42	NM		15.12
		6/12/2018	6.71	10.00		14.83
		8/18/2018	6.88	NM		14.66
		11/19/2018	6.30	NM		15.24
		2/25/2019	6.34	NM		15.20
		5/7/2019	6.67	NM		14.87
		7/29/2019	6.81	NM		14.73
		11/25/2019	6.71	NM		14.83
		2/25/2020	6.29	NM		15.25
		5/28/2020	6.53	NM		15.01
		8/10/2020	6.83	NM		14.71
		11/30/2020	6.54	NM		15.00
		2/23/2021	6.26	10.19		15.28
		5/18/2021	6.56	10.19		14.98
		8/23/2021	7.09	10.19		14.45
		11/9/2021	6.53	10.19		15.01
		2/10/2022	6.38	10.19		15.16
		5/10/2022	6.47	NM		15.07
		8/1/2022	6.86	NM		14.68
		11/28/2022	6.74	NM		14.80
		7/5/2023	6.84	NM		14.70
		10/4/2023	6.68	NM		14.86
MW-15i	Intermediate	6/5/2015	3.73	29.64	21.37	17.64
		9/14/2015	4.01	NM		17.36
		11/30/2015	3.79	NM		17.58
		3/14/2016	2.88	NM		18.49
		8/1/2016	4.01	NM		17.36
		12/5/2016	3.50	NM		17.87
		2/27/2017	3.08	NM		18.29
		5/15/2017	3.32	NM		18.05
		8/1/2017	3.93	NM		17.44
		11/28/2017	3.71	25.32		17.66
		2/27/2018	3.56	NM		17.81
		6/12/2018	3.75	NM		17.62
		8/18/2018	3.98	NM		17.39
		11/19/2018	3.86	NM		17.51
		2/25/2019	3.33	NM		18.04
		5/7/2019	3.65	NM		17.72
		7/29/2019	4.07	NM		17.30
		11/25/2019	4.09	NM		17.28
		2/25/2020	3.65	NM		17.72
		5/28/2020	3.76	NM		17.61
		8/10/2020	4.14	NM		17.23
		11/30/2020	3.91	NM		17.46
		2/23/2021	3.41	29.59		17.96
		5/18/2021	3.68	29.59		17.69

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MW-15i	Intermediate	8/23/2021	4.19	29.59	21.37	17.18
		11/9/2021	3.81	29.58		17.56
		2/10/2022	3.7	29.59		17.67
		5/10/2022	3.51	NM		17.86
		8/1/2022	3.85	NM		17.52
		11/28/2022	4.01	NM		17.36
		7/5/2023	3.91	NM		17.46
		10/4/2023	4.16	NM		17.21
MW-16	Shallow	10/28/2013	6.90	11.45	21.44	14.54
		8/26/2014	6.97	NM		14.47
		9/22/2014	7.20	NM		14.24
		6/5/2015	7.81	11.69		13.63
		9/14/2015	7.02	NM		14.42
		11/30/2015	6.68	NM		14.76
		3/14/2016	6.17	NM		15.27
		8/1/2016	7.02	NM		14.42
		12/5/2016	6.40	NM		15.04
		2/27/2017	6.15	11.45		15.29
		5/15/2017	6.39	NM		15.05
		8/1/2017	6.84	NM		14.60
		11/28/2017	6.32	NM		15.12
		2/27/2018	6.29	NM		15.15
		6/12/2018	6.60	11.45		14.84
		8/18/2018	6.89	NM		14.55
		11/19/2018	6.40	NM		15.04
		2/25/2019	6.18	NM		15.26
		5/7/2019	6.62	NM		14.82
		7/29/2019	6.86	NM		14.58
		11/25/2019	6.91	NM		14.53
		2/25/2020	6.26	NM		15.18
		5/28/2020	6.74	NM		14.70
		8/10/2020	7.00	NM		14.44
		11/30/2020	9.74	NM		11.70
		2/23/2021	7.06	11.70		14.38
		5/18/2021	6.70	11.70		14.74
		8/23/2021	7.10	11.70		14.34
		11/9/2021	6.84	11.70		14.60
		2/10/2022	6.4	11.70		15.04
		5/10/2022	6.45	NM		14.99
		8/1/2022	6.91	NM		14.53
		11/28/2022	7.03	NM		14.41
		7/5/2023	6.92	NM		14.52
		10/4/2023	5.05	NM		16.39
MW-17	--	WELL INACCESSIBLE				
MW-18	Shallow	10/28/2013	Not measured, well inaccessible		21.67	
		8/26/2014	7.03	NM		14.64
		9/22/2014	7.18	NM		14.49
		6/5/2015	6.91	10.96		14.76
		9/14/2015	7.1	NM		14.57
		11/30/2015	6.69	NM		14.98
		3/14/2016	6.22	NM		15.45
		8/1/2016	7.01	NM		14.66
		12/5/2016	6.37	NM		15.30
		2/27/2017	6.08	NM		15.59
		5/15/2017	6.48	NM		15.19
		8/1/2017	6.83	NM		14.84
		11/28/2017	6.45	NM		15.22
		2/27/2018	6.50	NM		15.17
		6/12/2018	6.73	NM		14.94
		8/18/2018	6.93	NM		14.74
		11/19/2018	6.18	NM		15.49
		2/25/2019	6.43	NM		15.24
		5/7/2019	6.77	NM		14.90
		7/29/2019	6.89	NM		14.78
		11/25/2019	6.78	NM		14.89
		2/25/2020	6.43	NM		15.24
		5/28/2020	6.62	NM		15.05

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)	
MW-18	Shallow	8/10/2020	6.92	NM	21.67	14.75	
		11/30/2020	6.56	NM		15.11	
		2/23/2021	6.33	10.97		15.34	
		5/18/2021	6.65	10.91		15.02	
		8/23/2021	7.96	10.91		13.71	
		11/10/2021	6.45	10.91		15.22	
		2/10/2022	6.55	10.91		15.12	
		5/10/2022	6.55	NM		15.12	
		8/1/2022	6.91	NM		14.76	
		11/28/2022	6.70	NM		14.97	
		7/5/2023	6.86	NM		14.81	
		10/4/2023	6.85	NM		14.82	
MW-19	Shallow	10/28/2013	Not measured, well inaccessible			21.57	
		8/26/2014	6.88	NM	14.69		
		9/22/2014	7.01	NM	14.56		
		6/5/2015	6.77	10.68	14.80		
		9/14/2015	6.95	NM	14.62		
		11/30/2015	6.55	NM	15.02		
		3/14/2016	6.06	NM	15.51		
		8/1/2016	6.85	NM	14.72		
		12/5/2016	6.23	NM	15.34		
		2/27/2017	6.15	NM	15.42		
		5/15/2017	6.31	NM	15.26		
		8/1/2017	6.70	NM	14.87		
		11/28/2017	6.24	NM	15.33		
		2/27/2018	6.33	NM	15.24		
		6/12/2018	6.59	NM	14.98		
		8/18/2018	6.76	NM	14.81		
		11/19/2018	6.16	NM	15.41		
		2/25/2019	6.26	NM	15.31		
		5/7/2019	6.57	NM	15.00		
		7/29/2019	6.74	NM	14.83		
		11/25/2019	6.69	NM	14.88		
		2/25/2020	6.18	NM	15.39		
		5/28/2020	6.50	NM	15.07		
		8/10/2020	6.78	NM	14.79		
		11/30/2020	6.40	NM	15.17		
		2/23/2021	6.18	11.73	15.39		
		5/18/2021	6.48	11.73	15.09		
		8/23/2021	6.9	11.73	14.67		
		11/9/2021	6.31	11.73	15.26		
		2/10/2022	6.33	11.73	15.24		
		5/10/2022	6.39	NM	15.18		
		8/1/2022	6.78	NM	14.79		
		11/28/2022	6.55	NM	15.02		
		7/5/2023	6.72	NM	14.85		
		10/4/2023	6.74	NM	14.83		
MW-20s	Shallow	10/28/2013	Not measured, well inaccessible			27.59	
		8/26/2014	13.72	NM	13.87		
		9/22/2014	13.78	NM	13.81		
		6/5/2015	14.53	18.78	13.06		
		9/14/2015	13.75	NM	13.84		
		11/30/2015	13.29	NM	14.30		
		3/14/2016	9.88	NM	17.71		
		8/1/2016	13.71	NM	13.88		
		12/5/2016	10.63	NM	16.96		
		2/27/2017	12.79	NM	14.80		
		5/15/2017	13.00	NM	14.59		
		8/1/2017	13.42	NM	14.17		
		11/28/2017	13.00	18.75	14.59		
		2/27/2018	12.96	NM	14.63		
		6/12/2018	Not measured			27.59	
		8/18/2018	Not measured				
		11/19/2018	Not measured				
		2/25/2019	12.84	NM	14.75		
		5/7/2019	8.44	NM	27.59	19.15	
		7/29/2019	13.56	NM		14.03	

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-20s	Shallow	12/18/2019	13.35	NM	27.59	14.24
		2/25/2020	12.93	NM		14.66
		5/28/2020	10.96	NM		16.63
		8/10/2020	12.31	NM		15.28
		11/30/2020	13.24	NM		14.35
		2/23/2021	12.88	18.81		14.71
		5/18/2021	10.91	29.63		16.68
		8/23/2021	11.46	29.63		16.13
		11/9/2021	11.01	29.63		16.58
		2/10/2022	10.85	29.63		16.74
		5/10/2022	13.17	NM		14.42
		8/1/2022	13.54	NM		14.05
		11/28/2022	13.50	NM		14.09
		7/5/2023	13.50	NM		14.09
		10/4/2023	13.53	NM		14.06
MW-20i	Intermediate	6/5/2015	10.80	29.62	27.52	16.72
		9/14/2015	11.09	NM		16.43
		11/30/2015	10.79	NM		16.73
		3/14/2016	12.73	NM		14.79
		8/1/2016	11.19	NM		16.33
		12/5/2016	12.95	NM		14.57
		2/27/2017	10.29	NM		17.23
		5/15/2017	10.52	NM		17.00
		8/1/2017	11.17	NM		16.35
		11/28/2017	10.86	29.60		16.66
		2/27/2018	10.66	NM		16.86
		6/12/2018	Not measured			
		8/18/2018	Not measured			
		11/19/2018	Not measured			
		2/25/2019	10.52	NM	27.52	17.00
		5/7/2019	10.88	NM		16.64
		7/29/2019	11.34	NM		16.18
		11/25/2019	Not measured			
		2/25/2020	10.76	NM	27.52	16.76
		5/28/2020	13.30	NM		14.22
		8/10/2020	13.61	NM		13.91
		11/30/2020	10.64	NM		16.88
		2/23/2021	11.08	18.81		16.44
		5/18/2021	13.31	18.81		14.21
		8/23/2021	13.78	18.81		13.74
		11/9/2021	13.28	18.80		14.24
		2/10/2022	13.05	18.81		14.47
		5/10/2022	10.71	NM		16.81
		8/1/2022	11.08	NM		16.44
		11/28/2022	11.24	NM		16.28
		7/5/2023	11.12	NM		16.40
		10/4/2023	11.35	NM		16.17
MW-21s	Shallow	10/28/2013	Not measured, well inaccessible			
		8/26/2014	8.55	NM	21.05	12.50
		9/22/2014	8.51	NM		12.54
		6/5/2015	8.54	15.15		12.51
		9/14/2015	8.53	NM		12.52
		11/30/2015	8.51	NM		12.54
		3/14/2016	7.92	NM		13.13
		8/1/2016	8.56	NM		12.49
		12/5/2016	8.32	NM		12.73
		2/27/2017	8.12	NM		12.93
		5/15/2017	8.49	NM		12.56
		8/1/2017	8.56	NM		12.49
		11/28/2017	5.35	NM		15.70
		2/27/2018	8.4	NM		12.65
		6/12/2018	8.56	NM		12.49
		8/18/2018	8.52	NM		12.53
		11/19/2018	8.44	NM		12.61
		2/25/2019	8.16	NM		12.89
		5/7/2019	8.44	NM		12.61
		7/29/2019	8.46	NM		12.59

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MW-21s	Shallow	11/25/2019	8.49	NM	21.05	12.56
		2/25/2020	8.30	NM		12.75
		5/28/2020	8.48	NM		12.57
		8/10/2020	8.53	NM		12.52
		11/30/2020	8.46	NM		12.59
		2/23/2021	8.12	15.14		12.93
		5/18/2021	8.44	15.14		12.61
		8/23/2021	8.57	15.14		12.48
		11/9/2021	8.38	15.41		12.67
		2/10/2022	8.39	15.14		12.66
		5/10/2022	8.42	NM		12.63
		8/1/2022	8.5	NM		12.55
		11/28/2022	8.46	NM		12.59
		7/5/2023	8.50	NM		12.55
		10/4/2023	8.48	NM		12.57
MW-21i	Intermediate	6/5/2015	6.01	24.68	21.30	15.29
		9/14/2015	6.22	NM		15.08
		11/30/2015	5.86	NM		15.44
		3/14/2016	4.93	NM		16.37
		8/1/2016	6.35	NM		14.95
		12/5/2016	5.50	NM		15.80
		2/27/2017	5.11	NM		16.19
		5/15/2017	5.36	NM		15.94
		8/1/2017	6.02	NM		15.28
		11/28/2017	5.79	24.66		15.51
		2/27/2018	5.51	NM		15.79
		6/12/2018	5.82	NM		15.48
		8/18/2018	6.09	NM		15.21
		11/19/2018	5.89	NM		15.41
		2/25/2019	5.30	NM		16.00
		5/7/2019	5.70	NM		15.60
		7/29/2019	6.13	NM		15.17
		11/25/2019	6.13	NM		15.17
		2/25/2020	5.56	NM		15.74
		5/28/2020	5.82	NM		15.48
		8/10/2020	6.17	NM		15.13
		11/30/2020	5.98	NM		15.32
		2/23/2021	6.07	24.69		15.23
		5/18/2021	5.73	24.69		15.57
		8/23/2021	6.22	24.69		15.08
		11/9/2021	5.84	24.69		15.46
		2/10/2022	5.62	24.69		15.68
		5/10/2022	5.49	NM		15.81
		8/1/2022	5.86	NM		15.44
		11/28/2022	6.05	NM		15.25
		7/5/2023	5.93	NM		15.37
		10/4/2023	6.18	NM		15.12
MW-22s	Shallow	6/5/2015	9.30	13.85	21.38	12.08
		9/14/2015	9.40	NM		11.98
		11/30/2015	9.00	NM		12.38
		3/14/2016	8.19	NM		13.19
		8/1/2016	9.46	NM		11.92
		12/5/2016	8.56	NM		12.82
		2/27/2017	8.30	NM		13.08
		5/15/2017	8.82	NM		12.56
		8/1/2017	9.40	NM		11.98
		11/28/2017	8.91	13.78		12.47
		2/27/2018	8.82	NM		12.56
		6/12/2018	9.26	NM		12.12
		8/18/2018	9.45	NM		11.93
		11/19/2018	8.92	NM		12.46
		2/25/2019	8.55	NM		12.83
		5/7/2019	9.15	NM		12.23
		7/29/2019	9.47	NM		11.91
		11/25/2019	9.26	NM		12.12
		2/25/2020	8.64	NM		12.74
		5/28/2020	7.48	NM		13.90

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MW-22s	Shallow	8/10/2020	7.83	NM	21.38	13.55
		11/30/2020	7.59	NM		13.79
		2/23/2021	8.54	13.86		12.84
		5/18/2021	9.26	13.66		12.12
		8/23/2021	10.04	13.66		11.34
		11/9/2021	9.02	13.66		12.36
		2/10/2022	8.79	13.86		12.59
		5/10/2022	8.99	NM		12.39
		8/1/2022	7.5	NM		13.88
		11/28/2022	9.21	NM		12.17
		7/5/2023	7.55	NM		13.83
		10/4/2023	9.32	NM		12.06
MW-22i	Intermediate	6/5/2015	7.53	24.82	21.67	14.14
		9/14/2015	7.81	NM		13.86
		11/30/2015	7.42	NM		14.25
		3/14/2016	3.52	NM		18.15
		8/1/2016	7.79	NM		13.88
		12/5/2016	7.02	NM		14.65
		2/27/2017	6.61	NM		15.06
		5/15/2017	6.95	NM		14.72
		8/1/2017	7.66	NM		14.01
		11/28/2017	7.34	24.80		14.33
		2/27/2018	7.05	NM		14.62
		6/12/2018	7.46	NM		14.21
		8/18/2018	7.74	NM		13.93
		11/19/2018	7.57	NM		14.10
		2/25/2019	6.81	NM		14.86
		5/7/2019	7.31	NM		14.36
		7/29/2019	7.80	NM		13.87
		11/25/2019	7.08	NM		14.59
		2/25/2020	7.06	NM		14.61
		5/28/2020	9.27	NM		12.40
		8/10/2020	9.47	NM		12.20
		11/30/2020	9.09	NM		12.58
		2/23/2021	7.54	24.83		14.13
		5/18/2021	7.36	24.83		14.31
		8/23/2021	7.91	24.83		13.76
		11/9/2021	7.48	24.83		14.19
		2/10/2022	7.11	24.83		14.56
		5/10/2022	7.08	NM		14.59
		8/1/2022	9.39	NM		12.28
		11/28/2022	7.69	NM		13.98
		7/5/2023	9.36	NM		12.31
		10/4/2023	7.81	NM		13.86
MW-23s	Shallow	6/5/2015	13.19	13.79	27.52	14.33
		9/14/2015	13.38	NM		14.14
		11/30/2015	12.85	NM		14.67
		3/14/2016	12.19	NM		15.33
		8/1/2016	13.37	NM		14.15
		12/5/2016	12.47	NM		15.05
		2/27/2017	12.31	NM		15.21
		5/15/2017	12.67	NM		14.85
		8/1/2017	13.29	NM		14.23
		11/28/2017	12.79	13.75		14.73
		2/27/2018	12.93	NM		14.59
		6/12/2018	Not measured			
		8/18/2018	Not measured			
		11/19/2018	Not measured			
		2/25/2019	12.46	NM	27.52	15.06
		5/7/2019	13.03	NM		14.49
		7/29/2019	13.38	NM		14.14
		11/25/2019	Not measured			
		2/25/2020	12.75	NM	27.52	14.77
		5/28/2020	13.11	NM		14.41
		8/10/2020	13.38	NM		14.14
		11/30/2020	12.99	NM		14.53
2/23/2021	12.62	13.77	14.90			

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MW-23s	Shallow	5/18/2021	Dry	13.77	27.52	NA
		8/23/2021	13.52	13.77		14.00
		11/9/2021	Dry	13.77		NA
		2/10/2022	Dry	13.77		NA
		5/10/2022	12.95	NM		14.57
		8/1/2022	13.38	NM		14.14
		11/28/2022	13.31	NM		14.21
		7/5/2023	13.34	NM		14.18
		10/4/2023	13.44	NM		14.08
MW-23i	Intermediate	6/5/2015	11.46	29.08	27.49	16.03
		9/14/2015	11.69	NM		15.80
		11/30/2015	11.29	NM		16.20
		3/14/2016	10.42	NM		17.07
		8/1/2016	11.61	NM		15.88
		12/5/2016	10.96	NM		16.53
		2/27/2017	10.62	NM		16.87
		5/15/2017	10.89	NM		16.60
		8/1/2017	11.53	NM		15.96
		11/28/2017	11.21	29.06		16.28
		2/27/2018	10.97	NM		16.52
		6/12/2018	Not measured			
		8/18/2018	Not measured			
		11/19/2018	Not measured			
		2/25/2019	11.21	NM	27.49	16.28
		5/7/2019	11.23	NM		16.26
		7/29/2019	11.54	NM		15.95
		11/25/2019	Not measured			
		2/25/2020	11.03	NM	27.49	16.46
		5/28/2020	11.38	NM		16.11
		8/10/2020	11.72	NM		15.77
		11/30/2020	11.03	NM		16.46
		2/23/2021	11.27	29.08		16.22
		5/18/2021	11.30	29.08		16.19
		8/23/2021	11.83	29.08		15.66
		11/9/2021	11.36	29.08		16.13
		2/10/2022	Dry	29.08		NA
		5/10/2022	11.06	NM		16.43
		8/1/2022	11.49	NM		16.00
		11/28/2022	11.59	NM		15.90
		7/5/2023	11.52	NM	15.97	
		10/4/2023	11.75	NM	15.74	
		MW-24s	Shallow	6/5/2015	8.89	13.19
9/14/2015	8.88			NM	12.55	
11/30/2015	8.56			NM	12.87	
3/14/2016	7.94			NM	13.49	
8/1/2016	8.98			NM	12.45	
12/5/2016	8.29			NM	13.14	
2/27/2017	8.13			NM	13.30	
5/15/2017	8.46			NM	12.97	
8/1/2017	8.82			NM	12.61	
11/28/2017	7.88			NM	13.55	
2/27/2018	8.16			NM	13.27	
6/12/2018	8.48			NM	12.95	
8/18/2018	8.73			NM	12.70	
11/19/2018	8.34			NM	13.09	
2/25/2019	8.10			NM	13.33	
5/7/2019	8.57			NM	12.86	
7/29/2019	8.68			NM	12.75	
11/25/2019	8.64			NM	12.79	
2/25/2020	8.24			NM	13.19	
5/28/2020	8.93			NM	12.50	
8/10/2020	8.91			NM	12.52	
11/30/2020	8.51			NM	12.92	
2/23/2021	7.62			13.20	13.81	
5/18/2021	8.64			13.20	12.79	
8/23/2021	9			13.20	12.43	
11/9/2021	Dry			13.20	NA	

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-24s	Shallow	2/10/2022	8.43	13.20	21.43	13.00
		5/10/2022	8.38	NM		13.05
		8/1/2022	8.69	NM		12.74
		11/28/2022	8.66	NM		12.77
		7/5/2023	5.25	NM		16.18
		10/4/2023	8.76	NM		12.67
MW-24i	Intermediate	6/5/2015	5.58	24.80	21.38	15.80
		9/14/2015	6.83	NM		14.55
		11/30/2015	5.49	NM		15.89
		3/14/2016	4.48	NM		16.90
		8/1/2016	5.40	NM		15.98
		11/30/2020	5.25	NM		-5.25
MW-24ir	Intermediate	11/30/2015	5.13	NM	21.06	15.93
		3/14/2016	3.37	NM		17.69
		8/1/2016	4.50	NM		16.56
		12/5/2016	3.95	NM		17.11
		2/27/2017	3.57	NM		17.49
		5/15/2017	3.79	NM		17.27
		8/1/2017	4.41	NM		16.65
		11/28/2017	4.17	35.75		16.89
		2/27/2018	3.93	NM		17.13
		6/12/2018	4.21	NM		16.85
		8/18/2018	4.41	NM		16.65
		11/19/2018	4.29	NM		16.77
		2/25/2019	3.75	NM		17.31
		5/7/2019	4.09	NM		16.97
		7/29/2019	4.50	NM		16.56
		11/25/2019	4.53	NM		16.53
		2/25/2020	4.04	NM		17.02
		5/28/2020	4.21	NM		16.85
		8/10/2020	4.57	NM		16.49
		11/30/2020	4.38	NM		16.68
		2/23/2021	3.95	35.81		17.11
		5/18/2021	5.03	35.81		16.03
		8/23/2021	5.52	35.81		15.54
		11/9/2021	4.22	35.81		16.84
		2/10/2022	4.1	35.81		16.96
		5/10/2022	4.82	NM		16.24
		8/1/2022	4.25	NM		16.81
		11/28/2022	5.39	NM		15.67
		7/5/2023	8.81	NM		12.25
		10/4/2023	5.53	NM		15.53
MW-25s	Shallow	6/5/2015	12.71	19.82	20.02	7.31
		9/14/2015	13.24	NM		6.78
		11/30/2015	12.53	NM		7.49
		3/14/2016	11.52	NM		8.50
		8/1/2016	13.05	NM		6.97
		12/5/2016	12.02	NM		8.00
		2/27/2017	11.47	NM		8.55
		5/15/2017	11.94	NM		8.08
		8/1/2017	12.82	NM		7.20
		11/28/2017	12.7	19.83		7.32
		2/27/2018	12.13	NM		7.89
		6/12/2018	12.68	NM		7.34
		8/18/2018	12.14	NM		7.88
		11/19/2018	13.07	NM		6.95
		2/25/2019	11.79	NM		8.23
		5/7/2019	12.39	NM		7.63
		7/29/2019	13.07	NM		6.95
		11/25/2019	13.21	NM		6.81
		2/25/2020	11.93	NM		8.09
		5/28/2020	12.7	NM		7.32
		8/10/2020	13.08	NM		6.94
		11/30/2020	12.69	NM		7.33
		2/23/2021	11.56	19.78		8.46
		5/18/2021	12.32	19.78		7.70
		8/23/2021	12.99	19.78		7.03

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-25s	Shallow	11/9/2021	12.69	19.78	20.02	7.33
		2/10/2022	11.73	19.78		8.29
		5/10/2022	12.04	NM		7.98
		8/1/2022	12.51	NM		7.51
		11/28/2022	12.86	NM		7.16
		7/5/2023	12.59	NM		7.43
		10/4/2023	12.95	NM		7.07
MW-25i	Intermediate	6/5/2015	8.84	33.98	20.00	11.16
		9/14/2015	10.49	NM		9.51
		11/30/2015	10.05	NM		9.95
		3/14/2016	9.14	NM		10.86
		8/1/2016	10.65	NM		9.35
		12/5/2016	9.73	NM		10.27
		2/27/2017	9.10	NM		10.90
		5/15/2017	9.53	NM		10.47
		8/1/2017	10.33	NM		9.67
		11/28/2017	10.05	34.02		9.95
		2/27/2018	8.98	NM		11.02
		6/12/2018	9.75	NM		10.25
		8/18/2018	9.91	NM		10.09
		11/19/2018	9.73	NM		10.27
		2/25/2019	8.43	NM		11.57
		5/7/2019	9.09	NM		10.91
		7/29/2019	9.69	NM		10.31
		11/25/2019	9.69	NM		10.31
		2/25/2020	8.54	NM		11.46
		5/28/2020	9.19	NM		10.81
		8/10/2020	9.57	NM		10.43
		11/30/2020	9.38	NM		10.62
		2/23/2021	8.78	34.03		11.22
		5/18/2021	8.97	34.03		11.03
		8/23/2021	9.6	34.04		10.40
		11/9/2021	9.25	34.04		10.75
		2/10/2022	8.62	34.03		11.38
		5/10/2022	8.67	NM		11.33
		8/1/2022	9.06	NM		10.94
		11/28/2022	9.26	NM		10.74
		7/5/2023	9.01	NM		10.99
		10/4/2023	9.30	NM		10.70
MW-26s	Shallow	6/5/2015	12.37	19.49	19.10	6.73
		9/14/2015	12.62	NM		6.48
		11/30/2015	11.55	NM		7.55
		3/14/2016	11.70	NM		7.40
		8/1/2016	12.56	NM		6.54
		12/5/2016	11.92	NM		7.18
		2/27/2017	11.74	NM		7.36
		5/15/2017	12.01	NM		7.09
		8/1/2017	12.44	NM		6.66
		11/28/2017	12.18	16.74		6.92
		2/27/2018	12.15	NM		6.95
		6/12/2018	12.42	NM		6.68
		8/18/2018	12.60	NM		6.50
		11/19/2018	12.69	NM		6.41
		2/25/2019	11.83	NM		7.27
		5/7/2019	12.22	NM		6.88
		7/29/2019	12.55	NM		6.55
		11/25/2019	12.65	NM		6.45
		2/25/2020	11.99	NM		7.11
		5/28/2020	12.33	NM		6.77
		8/10/2020	12.58	NM		6.52
		11/30/2020	12.16	NM		6.94
		2/23/2021	11.66	19.49		7.44
		5/18/2021	12.06	19.49		7.04
		8/23/2021	12.41	19.49		6.69
		11/10/2021	12.04	19.49		7.06
		2/10/2022	11.88	19.49		7.22
		5/10/2022	11.93	NM		7.17

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-26s	Shallow	8/1/2022	12.18	NM	19.10	6.92
		11/28/2022	12.24	NM		6.86
		7/5/2023	12.23	NM		6.87
		10/4/2023	12.36	NM		6.74
MW-26i	Intermediate	6/5/2015	14.12	33.73	19.05	4.93
		9/14/2015	11.25	NM		7.80
		11/30/2015	10.62	NM		8.43
		3/14/2016	10.83	NM		8.22
		8/1/2016	12.06	NM		6.99
		12/5/2016	12.19	NM		6.86
		2/27/2017	9.92	NM		9.13
		5/15/2017	10.12	NM		8.93
		8/1/2017	10.46	NM		8.59
		11/28/2017	11.77	33.73		7.28
		2/27/2018	11.04	NM		8.01
		6/12/2018	11.82	NM		7.23
		8/18/2018	11.45	NM		7.60
		11/19/2018	11.39	NM		7.66
		2/25/2019	10.41	NM		8.64
		5/7/2019	10.38	NM		8.67
		7/29/2019	11.48	NM		7.57
		11/25/2019	11.52	NM		7.53
		2/25/2020	11.52	NM		7.53
		5/28/2020	10.99	NM		8.06
		8/10/2020	10.45	NM		8.60
		11/30/2020	11.15	NM		7.90
		2/23/2021	10.51	33.76		8.54
		5/18/2021	10.90	33.76		8.15
		8/23/2021	11.31	33.76		7.74
		11/9/2021	10.79	33.76		8.26
		2/10/2022	10.99	33.76		8.06
		5/10/2022	11.19	NM		7.86
		8/1/2022	10.77	NM		8.28
		11/28/2022	11	NM		8.05
		7/5/2023	11.95	NM		7.10
		10/4/2023	11.16	NM		7.89
MW-27s	Shallow	6/5/2015	11.38	19.64	18.43	7.05
		9/14/2015	11.62	NM		6.81
		11/30/2015	10.95	NM		7.48
		3/14/2016	10.58	NM		7.85
		8/1/2016	11.52	NM		6.91
		12/5/2016	10.73	NM		7.70
		2/27/2017	10.65	NM		7.78
		5/15/2017	10.88	NM		7.55
		8/1/2017	11.42	NM		7.01
		11/28/2017	11.02	19.61		7.41
		2/27/2018	11.01	NM		7.42
		6/12/2018	11.37	NM		7.06
		8/18/2018	11.63	NM		6.80
		11/19/2018	11.66	NM		6.77
		2/25/2019	10.79	NM		7.64
		5/7/2019	NM	NM		NM
		7/29/2019	11.57	NM		6.86
		11/25/2019	11.60	NM		6.83
		2/25/2020	10.76	NM		7.67
		5/28/2020	11.15	NM		7.28
		8/10/2020	11.43	NM		7.00
		11/30/2020	11.02	NM		7.41
		2/23/2021	10.61	19.62		7.82
		5/18/2021	11.01	19.62		7.42
		8/23/2021	11.34	19.62		7.09
		11/9/2021	10.85	19.62		7.58
		2/10/2022	10.78	19.62		7.65
		5/10/2022	10.80	NM		7.63
		8/1/2022	11.04	NM		7.39
		11/28/2022	11.08	NM		7.35
		7/5/2023	11.08	NM		7.35

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Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
MW-27s	Shallow	10/4/2023	11.23	NM	18.43	7.20
MW-28s	Shallow	6/5/2015	6.19	15.10	12.04	5.85
		9/14/2015	6.20	NM		5.84
		11/30/2015	5.49	NM		6.55
		3/14/2016	5.72	NM		6.32
		8/1/2016	6.21	NM		5.83
		12/5/2016	6.79	NM		5.25
		2/27/2017	5.65	NM		6.39
		5/15/2017	5.86	NM		6.18
		8/1/2017	6.14	NM		5.90
		11/28/2017	5.94	15.05		6.10
		2/27/2018	5.93	NM		6.11
		6/12/2018	9.10	NM		2.94
		8/18/2018	6.17	NM		5.87
		11/19/2018	6.21	NM		5.83
		2/25/2019	6.72	NM		5.32
		5/7/2019	5.97	NM		6.07
		7/29/2019	6.22	NM		5.82
		11/25/2019	6.20	NM		5.84
		2/25/2020	5.87	NM		6.17
		5/28/2020	6.05	NM		5.99
		8/10/2020	6.20	NM		5.84
		11/30/2020	5.55	NM		6.49
		2/23/2021	4.98	15.11		7.06
		5/18/2021	5.32	15.11		6.72
		8/23/2021	5.69	15.11		6.35
		11/9/2021	5.38	15.11		6.66
		2/10/2022	5.1	15.11		6.94
		5/10/2022	NM	NM		NM
		8/1/2022	5.35	NM		6.69
		11/28/2022	7.48	NM		4.56
		7/5/2023	5.39	NM		6.65
		10/4/2023	5.55	NM		6.49
MW-29s	Shallow	6/11/2015	7.02	15.19	21.90	14.88
		9/14/2015	7.23	NM		14.67
		11/30/2015	6.70	NM		15.20
		3/14/2016	6.19	NM		15.71
		8/1/2016	7.16	NM		14.74
		12/5/2016	6.34	NM		15.56
		2/27/2017	6.29	NM		15.61
		5/15/2017	6.49	NM		15.41
		8/1/2017	7.05	NM		14.85
		11/28/2017	6.52	15.22		15.38
		2/27/2018	6.52	NM		15.38
		6/12/2018	6.90	NM		15.00
		8/18/2018	7.16	NM		14.74
		11/19/2018	6.51	NM		15.39
		2/25/2019	6.41	NM		15.49
		5/7/2019	6.80	NM		15.10
		7/29/2019	7.11	NM		14.79
		11/25/2019	6.93	NM		14.97
		2/25/2020	6.45	NM		15.45
		5/28/2020	6.85	NM		15.05
		8/10/2020	7.13	NM		14.77
		11/30/2020	6.74	NM		15.16
		2/23/2021	6.34	15.21		15.56
		5/18/2021	6.84	15.21		15.06
		8/23/2021	7.3	15.21		14.60
		11/9/2021	6.59	15.21		15.31
		2/10/2022	6.5	15.21		15.40
		5/10/2022	6.65	NM		15.25
		8/1/2022	7.1	NM		14.80
		11/28/2022	6.86	NM		15.04
		7/5/2023	7.05	NM		14.85
		10/4/2023	7.11	NM		14.79
SBW-1	Shallow	6/5/2015	8.81	11.66	21.29	12.48
		9/14/2015	8.92	NM		12.37

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SBW-1	Shallow	11/30/2015	8.64	NM	21.29	12.65
		3/14/2016	8.34	NM		12.95
		8/1/2016	8.83	NM		12.46
		12/5/2016	8.60	NM		12.69
		2/27/2017	8.27	NM		13.02
		5/15/2017	8.69	NM		12.60
		8/1/2017	8.80	NM		12.49
		11/28/2017	8.26	11.65		13.03
		2/27/2018	8.47	NM		12.82
		6/12/2018	8.85	NM		12.44
		8/18/2018	8.67	NM		12.62
		11/19/2018	8.65	NM		12.64
		2/25/2019	8.26	NM		13.03
		5/7/2019	8.73	NM		12.56
		7/29/2019	8.82	NM		12.47
		11/25/2019	8.72	NM		12.57
		2/25/2020	8.43	NM		12.86
		5/28/2020	8.75	NM		12.54
		8/10/2020	8.82	NM		12.47
		11/30/2020	8.63	NM		12.66
		2/23/2021	8.31	11.67		12.98
		5/18/2021	8.76	11.67		12.53
		8/23/2021	8.88	11.67		12.41
		11/9/2021	8.61	11.67		12.68
		2/10/2022	8.61	11.67		12.68
		5/10/2022	8.58	NM		12.71
		8/1/2022	8.73	NM		12.56
		11/28/2022	8.84	NM		12.45
		7/5/2023	8.78	NM		12.51
		10/4/2023	8.82	NM		12.47
SBW-2	Shallow	6/5/2015	8.55	10.65	19.77	11.22
		9/14/2015	8.63	NM		11.14
		11/30/2015	8.05	NM		11.72
		3/14/2016	7.66	NM		12.11
		8/1/2016	8.66	NM		11.11
		12/5/2016	7.89	NM		11.88
		2/27/2017	7.76	NM		12.01
		5/15/2017	8.18	NM		11.59
		8/1/2017	8.62	NM		11.15
		11/28/2017	7.65	NM		12.12
		2/27/2018	7.98	NM		11.79
		6/12/2018	8.26	NM		11.51
		8/18/2018	8.39	NM		11.38
		11/19/2018	8.15	NM		11.62
		2/25/2019	7.62	NM		12.15
		5/7/2019	8.10	NM		11.67
		7/29/2019	8.38	NM		11.39
		11/25/2019	8.24	NM		11.53
		2/25/2020	7.81	NM		11.96
		5/28/2020	8.21	NM		11.56
		8/10/2020	8.47	NM		11.30
		11/30/2020	7.91	NM		11.86
		2/23/2021	7.71	10.65		12.06
		5/18/2021	8.27	10.65		11.50
		8/23/2021	8.64	10.65		11.13
		11/10/2021	7.90	10.65		11.87
		2/10/2022	8.06	10.65		11.71
		5/10/2022	8.05	NM		11.72
		8/1/2022	8.43	NM		11.34
		11/28/2022	8.40	NM		11.37
		7/5/2023	8.50	NM		11.27
		10/4/2023	8.40	NM		11.37
SBW-3	Shallow	6/5/2015	11.06	12.10	17.68	6.62
		9/14/2015	11.30	NM		6.38
		11/30/2015	10.88	NM		6.80
		3/14/2016	10.46	NM		7.22
		8/1/2016	11.24	NM		6.44

Table 1
Groundwater Elevation Data
Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Monitoring Well	Groundwater Zone	Date Measured	Depth to Groundwater ^a (feet)	Depth to Bottom of Well ^a (feet)	Top of Casing Elevation ^b (feet)	Groundwater Elevation ^c (feet)
SBW-3	Shallow	12/5/2016	10.66	NM	17.68	7.02
		2/27/2017	10.47	NM		7.21
		5/15/2017	10.71	NM		6.97
		8/1/2017	11.08	NM		6.60
		11/28/2017	10.54	NM		7.14
		2/27/2018	10.86	NM		6.82
		6/12/2018	11.14	NM		6.54
		8/18/2018	11.23	NM		6.45
		11/19/2018	11.36	NM		6.32
		2/25/2019	10.55	NM		7.13
		5/7/2019	10.86	NM		6.82
		7/29/2019	11.23	NM		6.45
		11/25/2019	11.32	NM		6.36
		2/25/2020	10.65	NM		7.03
		5/28/2020	11.00	NM		6.68
		8/10/2020	11.27	NM		6.41
		11/30/2020	10.85	NM		6.83
		2/23/2021	10.30	12.06		7.38
		5/18/2021	10.70	12.06		6.98
		8/23/2021	11.09	12.06		6.59
		11/10/2021	10.72	12.06		6.96
		2/10/2022	10.48	12.06		7.20
		5/10/2022	10.59	NM		7.09
		8/1/2022	10.81	NM		6.87
		11/28/2022	10.91	NM		6.77
		7/5/2023	10.86	NM		6.82
		10/4/2023	11.02	NM		6.66
SBW-4	Shallow	6/5/2015	6.00	9.13	12.35	6.35
		9/14/2015	6.16	NM		6.19
		11/30/2015	5.90	NM		6.45
		3/14/2016	5.63	NM		6.72
		8/1/2016	6.16	NM		6.19
		12/5/2016	5.73	NM		6.62
		2/27/2017	5.60	NM		6.75
		5/15/2017	5.76	NM		6.59
		8/1/2017	6.03	NM		6.32
		11/28/2017	5.91	9.10		6.44
		2/27/2018	5.92	NM		6.43
		6/12/2018	9.06	NM		3.29
		8/18/2018	6.16	NM		6.19
		11/19/2018	6.24	NM		6.11
		2/25/2019	5.71	NM		6.64
		5/7/2019	5.90	NM		6.45
		7/29/2019	6.13	NM		6.22
		11/25/2019	6.23	NM		6.12
		2/25/2020	5.85	NM		6.50
		5/28/2020	6.02	NM		6.33
		8/10/2020	6.19	NM		6.16
		11/30/2020	5.76	NM		6.59
		2/23/2021	5.38	9.13		6.97
		5/18/2021	5.62	9.13		6.73
		8/23/2021	5.99	9.13		6.36
		11/9/2021	5.67	9.23		6.68
		2/10/2022	5.53	9.13		6.82
		5/10/2022	5.55	NM		6.80
		8/1/2022	5.72	NM		6.63
		11/28/2022	5.85	NM		6.50
		7/5/2023	5.76	NM		6.59
		10/4/2023	5.93	NM		6.42

Notes:
All site monitoring wells resurveyed on August 7 and 20, 2014.
More recently installed monitoring wells surveyed on June 11, 2015 and February 2, 2016.
a Depths in feet below top of well casing.
b Depths measured from north side of top edge of well casing.
c Elevations reported in feet above NAVD 88 datum.
NM Not measured.

Table 2
Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)
Annual Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Monitoring Well	Date Collected	Tetrachloro-ethene (PCE) ^a	Trichloro-ethene (TCE) ^a	trans-1,2-Dichloro-ethene ^a	cis-1,2-Dichloro-ethene ^a	1,1-Dichloro-ethene ^b	Vinyl Chloride ^a	1,1,1-Trichloro-ethane ^a	1,1,2-Trichloro-ethane ^b	Chloroform ^a
SBW-4	8/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/8/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
Site-Specific Groundwater RELs Developed for the Groundwater-Indoor Air Pathway ^c		440	37	NVE	NVE	NVE	30	52,340	NVE	NVE
Site-Specific Groundwater CULs Developed for the Groundwater-Indoor Air Pathway ^d		101	8.4	NVE	NVE	NVE	6.8	11,930	NVE	NVE
Groundwater CULs Adopted from ODEQ ^e		5,600	3,000	1,800	180,000	44,000	960	1,100,000	49	720

Notes:

All samples were analyzed by EPA Method 8260 and results are presented in micrograms per liter (µg/L).

Bold Bold result exceeds the laboratory reporting limit.

 Shaded result exceeds the Site-specific remediation level.

< Analyte not detected at a concentration greater than the laboratory reporting limit.

-- Sample was not analyzed for this compound.

* MW-16PP collected before low-flow purging.

a Samples collected in March 1989, September 1989 and October 1989 were analyzed by EPA Metthod 8010. Samples collected in April 1999 were analyzed by EPA Methold 8260.

b Samples collected in March 1989, September 1989 and October 1989 were analyzed by EPA Metthod 8010.

c Site-Specific Groundwater RELs Developed for the Groundwater-Indoor Air Pathway for a construction worker reasonable maximum exposure (RME) scenario.

d Site-Specific Groundwater CULs Developed for the MTCA Method C Groundwater-Indoor Air CUL.

e Oregon Department of Environmental Quality (ODEQ) Risk-Based Cleanup Levels for direct contact with groundwater in an excavation for a construction worker (<http://www.deq.state.or.us/lq/pubs/docs/RBDMTable.pdf>).

REL Remediation level.

NVE No cleanup value has been established for this compound.

CUL Cleanup level.

Qualifier:

J Laboratory estimated concentration.

Table 3
Groundwater Analytical Results for Metals and Cyanide (in µg/L)
Annual Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Montitoring Well	Date Collected	Arsenic ^a	Cadmium ^b	Chromium (Hexavalent) ^c	Total Chromium ^d	Copper ^a	Lead ^a	Nickel ^e	Zinc ^f	Total Cyanide ^g	Free Cyanide ^h
MW-1 (MW-1s)	3/23/1989	<5	170	<25	30	100	<5	90	130	2,700	--
	9/21/1989	--	500	<10	20	--	--	80	700	1,400	--
	4/27/1999	--	373	<10	14	--	--	--	583	25	--
	9/22/2014	--	--	<10	6.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	12	--	--	--	--	--	--
	9/16/2015	--	--	<10	9.0	--	--	--	--	--	--
	12/4/2015	--	--	18	27	--	--	--	--	--	--
	3/16/2016	--	--	16	28	--	--	--	--	--	--
	12/1/2020	--	<1.0	--	--	--	--	13	1,400	<50	<5.0
MW-1i	11/5/2013	--	--	<10	<2.0	--	--	--	--	--	--
	11/5/2013 Dup-1	--	--	<10	<2.0	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	4.6	--	--	--	--	--	--
	6/9/15 Dup-3	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/15 Dup-1	--	--	<10	<2.0	--	--	--	--	--	--
	12/3/2015	--	--	<10	11	--	--	--	--	--	--
	3/15/2016	--	--	<10	4.2	--	--	--	--	--	--
MW-2	3/23/1989	<5	160	110,000	180,000	60	<5	90	60	520	--
	9/21/1989	--	700	280,000	280,000	--	--	200	400	30	--
	4/27/1999	--	44	8,100	8,260	--	--	--	<4	<5	--
	11/5/2013	--	--	54	150	--	--	--	--	<50	--
	8/27/2014	--	--	<10	23	--	--	--	--	<50	--
	6/9/2015	--	--	<10	36	--	--	--	--	--	--
	9/16/2015	--	--	<10	41	--	--	--	--	--	--
	12/2/2015	--	--	<10	56	--	--	--	--	--	--
	3/16/2016	--	--	<10	95	--	--	--	--	--	--
	3/16/16 DUP-2	--	--	<10	81	--	--	--	--	--	--
	3/1/2017	--	--	<10	--	--	--	--	--	--	--
	3/1/17 DUP-2	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	2/28/2020	--	--	<10	--	--	--	--	--	--	--
	11/25/2020	--	2.0	--	--	--	--	--	--	<50	<5.0 ⁱ
MW-3	3/23/1989	<5	70	25,000	30,000	20	<5	2,400	80	110	--
	9/22/1989	--	8	20	50	--	--	60	<10	150	--
	4/27/1999	--	48	3,400	455	--	--	--	7	33	--
	11/5/2013	--	--	<10	--	--	--	--	--	--	--
	11/6/2013	--	--	--	390	--	--	--	--	<50	--
	8/26/2014	--	--	<10	--	--	--	--	--	--	--
	8/27/2014	--	--	--	57	--	--	--	--	<50	--
	6/8/2015	--	--	<10	--	--	--	--	--	--	--
	6/9/2015	--	--	<10	230	--	--	--	--	--	--
	9/15/2015	--	--	<10	340	--	--	--	--	--	--
	12/3/2015	--	--	320	690	--	--	--	--	--	--
	3/15/2016	--	--	3,000	3,400	--	--	--	--	--	--
	8/2/2016	--	--	<10	2,300	--	--	--	--	--	--
	12/6/2016	--	--	1,500	--	--	--	--	--	--	--
	3/1/2017	--	--	<10	--	--	--	--	--	--	--
	5/16/2017	--	--	<10	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	42	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	32	--	--	--	--	--	--	--
	6/13/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	110	--	--	--	--	--	--
	5/9/2019	--	--	<10	68	--	--	--	--	--	--
	7/31/2019	--	--	<10	940	--	--	--	--	--	--
	11/26/2019	--	--	<10	37	--	--	--	--	--	--
	2/27/2020	--	--	<10	120	--	--	--	--	--	--
	5/28/2020	--	--	<10	83	--	--	--	--	--	--
	8/11/2020	--	--	<10	39	--	--	--	--	--	--
	12/1/2020	--	<1.0	<10	<2.0	--	--	--	--	<50	<5.0
	12/01/2020 DUP-1	--	<1.0	<10	<2.0	--	--	--	--	52.7	<5.0
	2/24/2021	--	--	90	350	--	--	--	--	--	--
	2/24/21 DUP-1	--	--	86	340	--	--	--	--	--	--
	05/19/2021	--	--	<10	65	--	--	--	--	--	--
	05/19/2021	--	--	<10	61	--	--	--	--	--	--
	8/25/2021	--	--	<10	240	--	--	--	--	--	--
	11/10/2021	--	--	600	600	--	--	--	--	--	--
	2/11/2022	--	--	65	120	--	--	--	--	--	--
	05/12/2022	--	--	44	68	--	--	--	--	--	--
MW-4	3/23/1989	<5	5	300	430	<20	<5	<30	<10	30	--
	9/21/1989	--	<5	<10	<10	--	--	<10	<10	10	--
	4/27/1999	--	<2	<10	<5	--	--	--	<4	<5	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	2.2	--	--	--	--	--	--

Table 3
Groundwater Analytical Results for Metals and Cyanide (in µg/L)
Annual Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Montitoring Well	Date Collected	Arsenic ^a	Cadmium ^b	Chromium (Hexavalent) ^c	Total Chromium ^d	Copper ^a	Lead ^a	Nickel ^e	Zinc ^f	Total Cyanide ^g	Free Cyanide ^h
MW-4	3/17/16 DUP-3	--	--	<10	2.0	--	--	--	--	--	--
MW-4i	12/4/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/4/15 DUP-4	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-5	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	4/27/1999	--	<2	<10	<5	--	--	--	<4	<5	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/27/2014	--	--	<10	10	--	--	--	--	<50	--
	6/9/2015	--	--	<10	2.6	--	--	--	--	--	--
	9/15/2015	Not Sampled									--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/15 DUP-2	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	6.2	--	--	--	--	--	--
	WELL DECOMMISSIONED										--
MW-5B	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	270	<2.0	--	--	--	--	--	--
MW-05 (MW-05s)	8/27/2014	--	--	<10	15	--	--	--	--	<50	--
	6/9/2015	--	--	<10	8.4	--	--	--	--	--	--
	6/9/15 Dup-2	--	--	<10	8.4	--	--	--	--	--	--
	9/17/2015	1.7	2.2	<10	20	<2.0	<1.0	--	--	--	--
	12/2/2015	--	--	38	36	--	--	--	--	--	--
	3/17/2016	--	--	<10	6.7	--	--	--	--	--	--
	2/28/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	05/18/2021	--	--	<10	5.3	--	--	--	--	--	--
	05/10/2022	--	--	<10	5.4	--	--	--	--	--	--
MW-05i	07/05/2023	--	--	<10	6.2	--	--	--	--	--	--
	6/9/2015	--	--	<10	5.8	--	--	--	--	--	--
	9/17/2015	--	--	<10	2.6	--	--	--	--	--	--
	12/2/2015	--	--	<10	3.5	--	--	--	--	--	--
MW-7s	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	6/9/2015	--	--	12	43	--	--	--	--	--	--
	9/15/2015	Not Sampled – Dry									--
	12/3/2015	--	--	24	40	--	--	--	--	--	--
MW-7i	3/16/2016	--	--	15	39	--	--	--	--	--	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
MW-7IR	12/3/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-7 (MW-7d)	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	4/27/1999	--	<2	<10	<5	--	--	--	<4	<5	--
	9/22/2014	--	--	<10	<2.0	--	--	--	--	<0.050	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/4/2015	--	--	<10	3.2	--	--	--	--	--	--
	3/18/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-07	WELL DECOMMISSIONED										--
	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-8s	6/8/2015	--	--	<10	17	--	--	--	--	--	--
	9/16/2015	--	--	<10	18	--	--	--	--	--	--
	12/2/2015	--	--	<10	25	--	--	--	--	--	--
	3/16/2016	--	--	<10	21	--	--	--	--	--	--
	2/28/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	2/27/2020	--	--	<100	--	--	--	--	--	--	--
	05/19/2021	--	--	<10	82	--	--	--	--	--	--
MW-8 (MW-8i)	9/21/1989	--	<5	<10	20	--	--	30	50	30	--
	11/4/2013	--	--	<10	2.7	--	--	--	--	<50	--
	8/26/2014	--	--	<10	2.3	--	--	--	--	<50	--
	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	6/8/15 Dup-1	--	--	<10	3.3	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	2.5	--	--	--	--	--	--
MW-9	9/21/1989	--	10	<10	<10	--	--	10	30	<10	--
	11/4/2013	--	--	<10	15	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/8/2015	--	--	<10	6.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	6.7	--	--	--	--	--	--
	9/16/15 Dup-3	--	--	<10	6.4	--	--	--	--	--	--
	12/1/2015	--	--	<10	9	--	--	--	--	--	--
	3/16/2016	--	--	<10	8.1	--	--	--	--	--	--

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825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Montitoring Well	Date Collected	Arsenic ^a	Cadmium ^b	Chromium (Hexavalent) ^c	Total Chromium ^d	Copper ^a	Lead ^a	Nickel ^e	Zinc ^f	Total Cyanide ^g	Free Cyanide ^h
MW-10 (MW-10s)	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	11/4/2013	--	--	<10	8.9	--	--	--	--	<50	--
	8/26/2014	--	--	<10	3.8	--	--	--	--	260	--
	6/8/2015	--	--	<10	4.9	--	--	--	--	--	--
	9/16/2015	--	--	<10	9.8	--	--	--	--	--	--
	12/1/2015	--	--	<10	8.6	--	--	--	--	--	--
	3/16/2016	--	--	<10	8.9	--	--	--	--	--	--
MW-10i	6/8/2015	--	--	<10	12	--	--	--	--	--	--
	9/16/2015	--	--	<10	8.8	--	--	--	--	--	--
	12/1/2015	--	--	<10	18	--	--	--	--	--	--
	3/16/2016	--	--	<10	26	--	--	--	--	--	--
MW-11	9/21/1989	--	<5	2,500	2,600	--	--	90	<10	80	--
	11/4/2013	--	--	70	83	--	--	--	--	<50	--
	8/26/2014	--	--	59	65	--	--	--	--	<50	--
	6/8/2015	--	--	23	35	--	--	--	--	--	--
	9/15/2015	--	--	27	53	--	--	--	--	--	--
	12/1/2015	--	--	51	58	--	--	--	--	--	--
	3/15/2016	--	--	57	56	--	--	--	--	--	--
	8/2/2016	--	--	69	69	--	--	--	--	--	--
	2/28/2017	--	--	59	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	14	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	7/30/2019	--	--	27	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	8/11/2020	--	--	34	--	--	--	--	--	--	--
	05/20/2021	--	--	<10	4.7	--	--	--	--	--	--
	05/20/2021	--	--	<10	4.7	--	--	--	--	--	--
	05/11/2022	--	--	<10	2.6	--	--	--	--	--	--
MW-12	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/15 Dup-2	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-13	10/11/1989	--	20	17,000	17,000	--	--	50	200	2,100	--
MW-14	10/11/1989	--	1.2	230	240	--	--	<30	30	40	--
	11/5/2013	--	--	16	19	--	--	--	--	<50	--
	11/5/2013 Dup-2	--	--	17	21	--	--	--	--	<50	--
	8/28/2014	--	--	19	25	--	--	--	--	<50	--
	6/10/2015	--	--	55	52	--	--	--	--	<50	--
	6/10/2015 Dup-4	--	--	57	53	--	--	--	--	--	--
	9/18/2015	--	--	<10	25	--	--	--	--	--	--
	12/3/2015	--	--	13	12	--	--	--	--	--	--
	3/17/2016	--	--	58	60	--	--	--	--	--	--
	3/2/2017	--	--	21	--	--	--	--	--	--	--
	2/28/2018	--	--	17	--	--	--	--	--	--	--
	2/27/2019	--	--	41	--	--	--	--	--	--	--
	2/27/2020	--	--	17	--	--	--	--	--	--	--
	05/19/2021	--	--	82	80	--	--	--	--	--	--
	05/12/2022	--	--	37	44	--	--	--	--	--	--
	05/12/2022 DUP-3	--	--	32	27	--	--	--	--	--	--
MW-15 (MW-15s)	10/11/1989	--	50	20	20	--	--	350	210	4,300	--
	4/27/1999	--	13	820	918	--	--	--	519	370	--
	11/6/2013	--	--	<10	28	--	--	--	--	<50	--
	8/28/2014	--	--	<10	73	--	--	--	--	--	--
	6/11/2015	--	--	<10	7.4	--	--	--	--	--	--
	9/18/2015	--	--	<10	25	--	--	--	--	--	--
	12/4/2015	--	--	<10	12	--	--	--	--	--	--
	3/18/2016	--	--	<10	28	--	--	--	--	--	--
MW-15i	6/11/2015	--	--	<10	4.0	--	--	--	--	--	--
	9/18/2015	1.9	<1.0	<10	4.8	<2.0	<1.0	--	--	--	--
	12/3/2015	--	--	<10	3.9	--	--	--	--	--	--
	3/18/2016	--	--	<10	8.5	--	--	--	--	--	--
	3/18/16 DUP-4	--	--	<10	6.7	--	--	--	--	--	--
MW-16	10/11/1989	--	34	<10	<20	--	--	100	50	10,000	--
	11/6/2013	--	--	<10	--	--	--	--	--	--	--
	6/10/2015	--	--	<10	29	--	--	--	--	--	--
	9/17/2015	--	--	<10	2.5	--	--	--	--	--	--
	12/3/2015	--	--	<10	4.8	--	--	--	--	--	--
	3/17/2016	--	--	<10	2.8	--	--	--	--	--	--
	11/25/2020	--	8.6	--	--	--	--	5.3	79	<50	<5.0 ⁱ
MW-16PP*	8/28/2014	--	--	<10	2.8	--	--	--	--	<50	--
MW-17	10/11/1989	--	270	200,000	200,000	--	--	410	160	200	--
	4/27/1999	--	18	6,900	8,160	--	--	--	48	7	--
	11/4/2013	Not sampled, well inaccessible									--
MW-18	10/11/1989	--	11,000	430,000	440,000	--	--	7,400	9,200	<100	--
	11/4/2013	Not sampled, well inaccessible									--

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MW-18	8/27/2014	--	--	580	860	--	--	--	--	<50	--
	6/10/2015	--	--	300	640	--	--	--	--	<50	--
	9/18/2015	--	--	620	1,500	--	--	--	--	--	--
	12/3/2015	--	--	2,600	3,500	--	--	--	--	--	--
	3/17/2016	--	--	5,300	4,500	--	--	--	--	--	--
	8/3/2016	--	--	200	600	--	--	--	--	--	--
	12/14/2016	--	--	2,700	--	--	--	--	--	--	--
	3/2/2017	--	--	86	--	--	--	--	--	--	--
	5/17/2017	--	--	<10	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	1,300	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	6/13/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	100	--	--	--	--	--	--
	5/8/2019	--	--	<10	--	--	--	--	--	--	--
	7/31/2019	--	--	<10	980	--	--	--	--	--	--
	11/27/2019	--	--	<10	60	--	--	--	--	--	--
	2/27/2020	--	--	<10	44	--	--	--	--	--	--
	5/28/2020	--	--	<10	59	--	--	--	--	--	--
	8/10/2020	--	--	<10	42	--	--	--	--	--	--
	12/1/2020	--	<1.0	<10	<2.0	--	--	<2.0	<2.5	<50	<5.0
	2/24/2021	--	--	<10	20	--	--	--	--	--	--
	2/24/2021	--	--	<10	24	--	--	--	--	--	--
	8/25/2021	--	--	<10	1,800	--	--	--	--	--	--
	11/10/2021	--	--	<10	68	--	--	--	--	--	--
	2/10/2022	--	--	<10	250	--	--	--	--	--	--
	05/12/2022	--	--	<10	69	--	--	--	--	--	--
	07/07/2023	--	--	<10	160	--	--	--	--	--	--
MW-19	10/11/1989	--	20	150	490	--	--	50	40	13,000	--
	11/4/2013	Not sampled, well inaccessible									--
	8/27/2014	--	--	<10	1,500	--	--	--	--	0.26	--
	6/10/2015	--	--	<10	23	--	--	--	--	0.26	--
	9/18/2015	--	--	<10	41	--	--	--	--	--	--
	12/4/2015	--	--	120	120	--	--	--	--	--	--
	3/17/2016	--	--	<10	1,700	--	--	--	--	--	--
	8/3/2016	--	--	<10	38	--	--	--	--	--	--
	3/2/2017	--	--	<10	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	7/31/2019	--	--	<10	--	--	--	--	--	--	--
	2/27/2020	--	--	<10	--	--	--	--	--	--	--
	8/10/2020	--	--	<10	--	--	--	--	--	--	--
	05/19/2021	--	--	<10	11	--	--	--	--	--	--
	05/12/2022	--	--	<10	28	--	--	--	--	--	--
	07/07/2023	--	--	<10	6.9	--	--	--	--	--	--
MW-20 (MW-20s)	8/27/2014	--	--	<10	7.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	9.9	--	--	--	--	--	--
	9/17/2015	--	--	<10	8.6	--	--	--	--	--	--
	12/2/2015	--	--	<10	34	--	--	--	--	--	--
	3/17/2016	--	--	<10	45	--	--	--	--	--	--
	2/28/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	05/18/2021	--	--	<10	<2.0	--	--	--	--	--	--
	05/10/2022	--	--	<10	10	--	--	--	--	--	--
	07/05/2023	--	--	<10	7.8	--	--	--	--	--	--
MW-20i	6/9/2015	--	--	<10	2.2	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/15 Dup-4	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-21 (MW-21s)	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	3.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-21i	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-22s	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-22i	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--

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MW-22i	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-23s	6/9/2015	--	--	<10	4.1	--	--	--	--	--	--
	9/17/2015	Not Sampled – Dry									
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	5/8/2019	--	--	<10	<2.0	--	--	--	--	--	--
	05/19/2021	Not Sampled – Dry									
MW-23i	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	5/8/2019	--	--	<10	<2.0	--	--	--	--	--	--
MW-24s	6/9/2015	--	--	<10	7.3	--	--	--	--	--	--
	9/15/2015	--	--	<10	11	--	--	--	--	--	--
	12/3/2015	--	--	<10	6.8	--	--	--	--	--	--
	3/15/2016	--	--	<10	9.9	--	--	--	--	--	--
	3/15/16 DUP-1	--	--	<10	12	--	--	--	--	--	--
MW-24i	6/9/2015	--	--	<10	4.5	--	--	--	--	--	--
	9/15/2015	--	--	<10	2.2	--	--	--	--	--	--
	12/3/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-24IR	12/3/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-25s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	3.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	10	--	--	--	--	--	--
	12/1/15 DUP-1	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-25i	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-26s	6/8/2015	--	--	<10	9.2	--	--	--	--	--	--
	9/15/2015	<1.0	<1.0	<10	5.8	<1.0	<1.0	--	--	--	--
	12/1/2015	--	--	<10	6.1	--	--	--	--	--	--
	3/15/2016	--	--	<10	25	--	--	--	--	--	--
MW-26i	6/8/2015	--	--	<10	4.9	--	--	--	--	--	--
	9/15/2015	--	--	<10	15	--	--	--	--	--	--
	12/1/2015	--	--	<10	15	--	--	--	--	--	--
	3/16/2016	--	--	<10	17	--	--	--	--	--	--
MW-27s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	6.5	--	--	--	--	--	--
MW-28s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	2.8	--	--	--	--	--	--
MW-29s	6/8/2015	--	--	<10	7.1	--	--	--	--	--	--
	9/18/2015	--	--	<10	18	--	--	--	--	--	--
	12/3/2015	--	--	<10	6.6	--	--	--	--	--	--
	12/3/15 DUP-3	--	--	<10	8.6	--	--	--	--	--	--
	3/17/2016	--	--	<10	6.6	--	--	--	--	--	--
SBW-1	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	2.7	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
SBW-2	6/8/2015	--	--	50	60	--	--	--	--	--	--
	9/17/2015	--	--	35	45	--	--	--	--	--	--
	12/1/2015	--	--	180	180	--	--	--	--	--	--
	3/16/2016	--	--	<10	250	--	--	--	--	--	--
	8/2/2016	--	--	72	77	--	--	--	--	--	--
	12/5/2016	--	--	430	--	--	--	--	--	--	--
	3/1/2017	--	--	200	--	--	--	--	--	--	--
	5/16/2017	--	--	11	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	--	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	5/8/2019	--	--	<10	--	--	--	--	--	--	--
	7/30/2019	--	--	<10	--	--	--	--	--	--	--
	11/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	5/28/2020	--	--	<10	--	--	--	--	--	--	--
	8/11/2020	--	--	<10	--	--	--	--	--	--	--
	12/1/2020	--	--	<10	--	--	--	--	--	--	--
	2/24/2021	--	--	<10	20	--	--	--	--	--	--
	05/19/2021	--	--	<10	30	--	--	--	--	--	--
	8/25/2021	--	--	<10	39	--	--	--	--	--	--

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SBW-2	11/10/2021	--	--	<10	35	--	--	--	--	--	--
	11/10/2021 DUP-2	--	--	<10	33	--	--	--	--	--	--
	2/10/2022	--	--	<10	15	--	--	--	--	--	--
	2/10/22 DUP-1	--	--	<10	15	--	--	--	--	--	--
	05/11/2022	--	--	<10	15	--	--	--	--	--	--
	05/11/2022 DUP-1	--	--	<10	15	--	--	--	--	--	--
	8/2/2022	--	--	<10	18	--	--	--	--	--	--
	11/29/2022	--	--	<10	25	--	--	--	--	--	--
	07/06/2023	--	--	<10	16	--	--	--	--	--	--
	10/04/2023	--	--	<10	17	--	--	--	--	--	--
SBW-3	6/8/2015	--	--	46	100	--	--	--	--	--	--
	9/15/2015	--	--	190	180	--	--	--	--	--	--
	12/1/2015	--	--	150	140	--	--	--	--	--	--
	3/15/2016	--	--	170	150	--	--	--	--	--	--
	8/2/2016	--	--	150	140	--	1	--	--	--	--
	12/5/2016	--	--	62	--	--	--	--	--	--	--
	2/28/2017	--	--	110	--	--	--	--	--	--	--
	5/16/2017	--	--	130	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	--	--	--	--	--	--	--
	11/29/2017	--	--	110	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	6/13/2018	--	--	51	--	--	--	--	--	--	--
	8/9/2018	--	--	64	--	--	--	--	--	--	--
	11/20/2018	--	--	86	--	--	--	--	--	--	--
	2/27/2019	--	--	91	--	--	--	--	--	--	--
	5/8/2019	--	--	64	--	--	--	--	--	--	--
	7/30/2019	--	--	120	--	--	--	--	--	--	--
	11/26/2019	--	--	130	--	--	--	--	--	--	--
	2/26/2020	--	--	100	--	--	--	--	--	--	--
	5/28/2020	--	--	66	--	--	--	--	--	--	--
	8/11/2020	--	--	72	--	--	--	--	--	--	--
	12/1/2020	--	--	<10	--	--	--	--	--	--	--
	2/24/2021	--	--	150	150	--	--	--	--	--	--
	05/20/2021	--	--	95	100	--	--	--	--	--	--
	8/25/2021	--	--	130	130	--	--	--	--	--	--
	11/9/2021	--	--	25	31	--	--	--	--	--	--
	2/10/2022	--	--	110	120	--	--	--	--	--	--
	05/11/2022	--	--	140	140	--	--	--	--	--	--
	05/11/2022 DUP-2	--	--	140	140	--	--	--	--	--	--
	8/2/2022	--	--	<10	110	--	--	--	--	--	--
	11/29/2022	--	--	<10	68	--	--	--	--	--	--
	11/29/2022 DUP-1	--	--	<10	74	--	--	--	--	--	--
	07/07/2023	--	--	140	150	--	--	--	--	--	--
	10/04/2023	--	--	130	130	--	--	--	--	--	--
SBW-4	6/8/2015	--	--	<10	14	--	--	--	--	--	--
	9/15/2015	--	--	13	12	--	--	--	--	--	--
	12/1/2015	--	--	<10	8.6	--	--	--	--	--	--
	3/15/2016	--	--	12	12	--	--	--	--	--	--
Groundwater CULs Adopted from ODEQ ^j		6,300	130,000	9,400	NVE	81,000	NVE	1.34E+07	NVE	81,000	81,000

Notes:

All results in micrograms per liter (µg/L).

Bold Bold result exceeds the laboratory reporting limit.

 Shaded result exceeds the Site-specific remediation level.

< Analyte not detected at a concentration greater than the laboratory reporting limit.

-- Sample was not analyzed for this compound.

* MW-16PP collected before low-flow purging.

a Method of analysis of arsenic, copper, and lead is unknown for samples dated 03/23/1989.

b Samples collected on 3/23/89, 9/21/89 and 4/27/99 were analyzed for cadmium by EPA Metthod 6010. Samples collected on 10/11/89 were analyzed by EPA Methods 7130 and 7131.

c All samples analyzed for hexavalent chromium by EPA Method 7196 for all dates except 4/27/99, when Method SM3500Cr-D was used.

d Samples collected on 8/26/14 were analyzed for total chromium by EPA Method 200.8. Samples collected on all other dates were analyzed for total chromium by EPA Metthod 6010.

e Samples collected on 3/23/89 and 9/21/89 were analyzed for nickel by EPA Method 6010. Samples collected on 10/11/89 were analyzed by EPA Method 7520.

f Samples collected on 3/23/89, 9/21/89 and 4/27/99 were analyzed for zinc by EPA Metthod 6010. Samples collected on 10/11/89 were analyzed by EPA Method 7950.

g Samples collected on 3/23/89, 9/21/89 and 10/11/89 were analyzed for cyanide by EPA Metthod 9012. Samples collected on 4/27/99 were analyzed by EPA Method 335.2. Samples collected on 12/1/2020 were analyzed by SM 4500-CN C, E.

h Free Cyanide analyzed by CN_Free at Specialty Analytical.

i Reported concentration is less than the laboratory practical quantitation limit (PQL).

j Oregon Department of Environmental Quality (ODEQ) Risk-Based Cleanup Levels for direct contact with groundwater in an excavation for a construction worker (<http://www.deq.state.or.us/lq/pubs/docs/RBDMTable.pdf>).

CUL Cleanup level.

NVE No cleanup value has been established for this compound.

Table 5
System 2 –SVE Air Emission Results (in µg/L)
Annual Groundwater Monitoring Report for 2022–2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Sample Identification	Date Collected	Measured Volatile Organic Compounds ^a							
		Tetrachloroethene (PCE)	Trichloroethene (TCE)	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane
S2-EFF-1204A	12/4/2017	<0.100	<0.0500	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1204B	12/4/2017	<0.100	0.276	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1204C	12/4/2017	<0.100	1.68	<0.100	0.236	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1205A	12/5/2017	<0.100	1.11	<0.100	0.140	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1205B	12/5/2017	<0.100	1.25	<0.100	0.182	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1206A	12/6/2017	0.155	2.16	<0.100	0.252	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1207A	12/7/2017	0.114	1.69	<0.100	0.221	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1208A	12/8/2017	0.293	2.86	<0.100	0.322	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1211	12/11/2017	0.156	1.91	<0.100	0.226	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1214	12/14/2017	0.149	1.68	<0.100	0.175	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1218A	12/18/2017	0.184	2.12	<0.100	0.185	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1221A	12/21/2017	0.218	1.37	<0.100	0.123	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1228A	12/28/2017	<0.100	1.90	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0104	1/4/2018	<0.100	0.742	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0112	1/12/2018	<0.100	0.859	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0118	1/18/2018	<0.100	0.972	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0226	2/26/2018	<0.100	0.818	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0328	3/28/2018	0.128	1.74	<0.100	0.153	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0425	4/25/2018	<0.100	1.06	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0608	6/8/2018	0.221	2.39	<0.100	0.214	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0629	6/29/2018	0.261	2.56	<0.100	0.204	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0724	7/24/2018	0.501	5.25 D	<0.100	0.507	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1005	10/5/2018	0.378	3.23 DH	<0.100	0.454	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1102	11/2/2018	0.266	2.86	<0.100	0.316	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1218	12/18/2018	<0.100	0.523	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0208	2/8/2019	<0.100	0.653	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0315	3/15/2019	<0.100	0.325	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0604	6/4/2019	0.112	1.32	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0722	7/22/2019	0.145	1.35	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0910	9/10/2019	0.367	4.44	<0.100	0.374	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1031	10/31/2019	0.215	2.08	<0.100	0.218	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1216	12/16/2019	<0.100	0.608	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0128	1/28/2020	<0.100	0.345	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0224	2/24/2020	<0.100	0.297	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0410	4/10/2020	<0.100	0.409	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0527	5/27/2020	<0.100	0.762	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0713	7/13/2020	0.117	1.05	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0807	8/7/2020	0.190	1.50	<0.100	0.118	<0.100	<0.0200	<0.100	<0.100
S2-EFF-1203	12/3/2020	<0.100	0.602	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-021821	2/18/2021	<0.100	0.261	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0524	5/24/2021	<0.100	0.370	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
S2-EFF-0706	7/6/2021	0.0802	0.904	<0.0500	0.0721	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-1108	11/8/2021	<0.0400	1.10	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-1222	12/22/2021	0.0690	0.340	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-0131	1/31/2022	<0.0400	0.160	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-0325	3/25/2022	0.0436	0.329	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-0509	5/9/2022	<0.0400	0.331	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF (0616)	6/16/2023	<0.0400	0.151	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-0725	7/25/2022	<0.0400	<0.0500	<0.0500	<0.0500	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF-0914	9/14/2022	0.182	1.65	<0.0500	0.101	<0.0500	<0.0350	<0.0400	<0.0350
S2-EFF (1020)	10/20/2022	0.077	0.596	0.0018	0.036	0.0002	0.0013	<0.00109	<0.000218
S2-EFF-(1111)	11/11/2022	0.074	0.74	<0.0350	<0.0500	<0.0500	<0.0200	<0.0300	<0.0250
S2-EFF-(1221)	12/21/2022	<0.0350 H	0.209 H	<0.0350 H	<0.0500 H	<0.0500 H	<0.0200 H	<0.0300 H	<0.0250 H

Notes:
All results presented in micrograms per liter(µg/L).
Bold Bold result exceeds the laboratory reporting limit.
< Analyte not detected at a concentration greater than the laboratory reporting limit.
a Analyzed in accordance with EPA Method 8260C.

Qualifiers:
D Dilution was required.
E Value above quantitation range.
H Holding times for preparation or analysis exceeded.

Table 6
System 1 SVE System Operation Summary
Annual Groundwater Monitoring Report for 2022-2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Date	Field Inputs				Mass Removal			Vapor Control Efficiency			Vapor Control Efficiency PID Screening			
	SVE Run Time Since Last Event (days) ^a	Total Flow Rate to Carbon ^b (scfm)	Influent VOC Conc. To Carbon ^c (µg/L)	Effluent VOC Conc. ^d (µg/L)	VOC Removal Rate ^e (lbs/day)	VOCs Removed During Period ^f (lbs)	Cumulative VOCs Removed ^g (lbs)	Mass Flow Rate In (lbs/day)	Mass Flow Rate Out (lbs/day)	Carbon Adsorption Control Efficiency ^h (%)	Inf-Carbon PID Reading (ppm)	Mid-Carbon PID Reading (ppmv)	Post-Carbon PID Reading (ppmv)	Carbon Adsorption Control Efficiency
5/1/2017	0.20	310	208.730	0.000	5.9	2.4	2.4	5.9	0.0	100.0	284	0	0	100.0
5/2/2017	0.40	313	99.790	0.000	2.8	1.1	3.5	2.8	0.0	100.0	162	0	0	100.0
5/3/2017	0.30	305	90.930	0.200	2.5	0.7	4.3	2.5	0.005	99.8	111	0	0	100.0
5/5/2017	1.80	343	49.060	0.000	1.5	2.7	7.0	1.5	0.0	100.0	53	0	0	100.0
5/8/2017	2.95	325	34.260	0.000	1.0	2.9	9.9	1.0	0.0	100.0	14	0	0	100.0
5/10/2017	1.95	315	30.108	0.000	0.9	1.7	11.6	0.9	0.0	100.0	16	0	0	100.0
5/15/2017	4.96	326	18.571	0.000	0.5	2.7	14.3	0.5	0.0	100.0	13	1	0	100.0
5/19/2017	4.18	335	20.684	0.000	0.6	2.6	16.9	0.6	0.0	100.0	10	2	0	100.0
5/22/2017	2.98	327	14.989	0.000	0.4	1.3	18.2	0.4	0.0	100.0	4	2	0	100.0
5/30/2017	7.84	320	17.120	0.000	0.5	3.9	22.1	0.5	0.0	100.0	27	2	0	100.0
6/5/2017	6.00	321	12.093	0.000	0.3	2.1	24.1	0.3	0.0	100.0	18	10	0	100.0
6/15/2017	9.98	305	11.571	0.000	0.3	3.2	27.3	0.3	0.0	100.0	9	8	0	100.0
6/30/2017	14.99	330	10.819	0.697	0.3	4.8	32.1	0.3	0.3	93.6	8	7	1	87.5
7/28/2017	28.00	248	9.868	0.959	0.2	6.2	38.3	0.2	0.2	90.3	103	90	2	98.1
8/30/2017	33.00	330	7.270	NA	0.2	7.1	45.4	0.2	0.2	NA	9	NA	NA	NA
9/28/2017	29.00	335	5.420	NA	0.2	4.7	50.1	NA	NA	NA	1	NA	NA	NA
10/31/2017	31.98	343	3.940	NA	0.1	3.9	54.0	NA	NA	NA	1	NA	NA	NA
11/27/2017	27.00	356	2.790	NA	0.1	2.4	56.4	NA	NA	NA	3	NA	NA	NA
12/28/2017	31.50	343	1.270	NA	0.0	1.2	57.6	NA	NA	NA	1	NA	NA	NA
1/31/2018	33.50	383	5.810	NA	0.2	6.7	64.3	NA	NA	NA	2	NA	NA	NA
2/26/2018	26.00	408	1.660	NA	0.1	1.6	65.9	NA	NA	NA	1	NA	NA	NA
3/28/2018*	15.00	404	8.299	NA	0.3	4.5	70.4	NA	NA	NA	NA	NA	NA	NA
4/25/2018	27.80	383	4.150	NA	0.1	4.0	74.4	NA	NA	NA	NA	NA	NA	NA
6/8/2018	43.00	424	3.103	NA	0.1	5.1	79.4	NA	NA	NA	NA	NA	NA	NA
6/29/2018	21.00	320	2.98	NA	0.1	1.8	81.2	NA	NA	NA	NA	NA	NA	NA
7/24/2018	25.00	310	25.96	NA	0.7	18.1	99.3	NA	NA	NA	NA	NA	NA	NA
10/5/2018	42.00	316	17.8	NA	0.5	21.2	120.5	NA	NA	NA	NA	NA	NA	NA
11/2/2018	28.00	403	11.49	NA	0.4	11.6	132.1	NA	NA	NA	NA	NA	NA	NA
12/18/2018	46.00	401	1.81	NA	0.1	3.0	135.1	NA	NA	NA	NA	NA	NA	NA
2/8/2019	52.00	402	3.27	NA	0.1	6.1	141.3	NA	NA	NA	NA	NA	NA	NA
3/15/2019	35.00	399	1.88	NA	0.1	2.4	143.6	NA	NA	NA	NA	NA	NA	NA
6/4/2019	81.00	327	19.33	NA	0.6	45.9	189.5	NA	NA	NA	NA	NA	NA	NA
7/22/2019	48.00	382	1.95	NA	0.1	3.2	192.7	NA	NA	NA	NA	NA	NA	NA
9/10/2019	50.00	352	31.14	NA	1.0	49.2	242.0	NA	NA	NA	NA	NA	NA	NA
10/31/2019	51.00	396	17.08	NA	0.6	31.0	273.0	NA	NA	NA	NA	NA	NA	NA
12/16/2019	46.00	372	2.40	NA	0.1	3.7	276.6	NA	NA	NA	NA	NA	NA	NA
1/28/2020	43.00	379	2.25	NA	0.1	3.3	279.9	NA	NA	NA	NA	NA	NA	NA
2/24/2020	27.00	390	1.69	NA	0.1	1.6	281.5	NA	NA	NA	NA	NA	NA	NA

Table 6
System 1 SVE System Operation Summary
Annual Groundwater Monitoring Report for 2022-2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Date	Field Inputs				Mass Removal			Vapor Control Efficiency			Vapor Control Efficiency PID Screening			
	SVE Run Time Since Last Event (days) ^a	Total Flow Rate to Carbon ^b (scfm)	Influent VOC Conc. To Carbon ^c (µg/L)	Effluent VOC Conc. ^d (µg/L)	VOC Removal Rate ^e (lbs/day)	VOCs Removed During Period ^f (lbs)	Cumulative VOCs Removed ^g (lbs)	Mass Flow Rate In (lbs/day)	Mass Flow Rate Out (lbs/day)	Carbon Adsorption Control Efficiency ^h (%)	Inf-Carbon PID Reading (ppm)	Mid-Carbon PID Reading (ppmv)	Post-Carbon PID Reading (ppmv)	Carbon Adsorption Control Efficiency
4/10/2020	46.00	396	2.03	NA	0.1	3.3	284.9	NA	NA	NA	NA	NA	NA	NA
5/27/2020	47.00	394	2.37	NA	0.1	3.9	288.8	NA	NA	NA	NA	NA	NA	NA
7/13/2020	47.00	365	2.71	NA	0.1	4.2	293.0	NA	NA	NA	NA	NA	NA	NA
8/7/2020	25.00	377	3.92	NA	0.1	3.3	296.3	NA	NA	NA	NA	NA	NA	NA
12/3/2020	118.00	303	3.75	NA	0.1	12.0	308.3	NA	NA	NA	NA	NA	NA	NA
2/18/2021	77.00	369	2.25	NA	0.1	5.7	314.0	NA	NA	NA	NA	NA	NA	NA
3/31/2021*	20.00	376	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/24/2021	54.00	379	2.44	NA	0.1	4.5	318.5	NA	NA	NA	NA	NA	NA	NA
7/6/2021*	21.00	343	4.14	NA	0.1	2.7	321.2	NA	NA	NA	NA	NA	NA	NA
11/8/2021*	31.00	327	8.89	NA	0.3	8.1	329.3	NA	NA	NA	NA	NA	NA	NA
12/22/2021	44.00	265	1.92	NA	0.05	2.0	331.3	NA	NA	NA	NA	NA	NA	NA
1/31/2022	20.00	438	2.91	NA	0.1	2.3	333.6	NA	NA	NA	NA	NA	NA	NA
3/25/2022	53.00	465	1.43	NA	0.1	3.2	336.8	NA	NA	NA	NA	NA	NA	NA
5/9/2022	23.00	449	9.34	NA	0.4	8.7	345.4	NA	NA	NA	NA	NA	NA	NA
6/16/2022	38.00	379	0.39	NA	0.0	0.5	345.9	NA	NA	NA	NA	NA	NA	NA
7/25/2022	39.00	231	2.14	NA	0.0	1.7	347.7	NA	NA	NA	NA	NA	NA	NA
9/14/2022	51.00	384	7.17	NA	0.2	12.6	360.3	NA	NA	NA	NA	NA	NA	NA
10/20/2022	36.00	354	1.85	NA	0.1	2.1	362.4	NA	NA	NA	NA	NA	NA	NA
11/11/2022	22.00	371	2.19	NA	0.1	1.6	364.0	NA	NA	NA	NA	NA	NA	NA
12/21/2022	0.00	464	6.09	NA	0.0	0.0	364.0	NA	NA	NA	NA	NA	NA	NA
6/26/2023	19.00	343	3.84	NA	0.1	2.2	366.2	NA	NA	NA	NA	NA	NA	NA
8/14/2023	49.00	341	3.06	NA	0.1	4.6	370.8	NA	NA	NA	NA	NA	NA	NA
9/28/2023	45.00	363	3.05	NA	0.1	4.5	375.3	NA	NA	NA	NA	NA	NA	NA
11/6/2023	39.00	358	1.49	NA	0.0	1.9	377.2	NA	NA	NA	NA	NA	NA	NA
12/4/2023	28.00	345	1.01	NA	0.0	0.9	378.0	NA	NA	NA	NA	NA	NA	NA
Run time	1605.31													

Notes:

- a Days of SVE operation since last visit.
- b Collected from AIR-INF location, post dilution.
- c Collected from SVE-TOT location, post dilution.
- d Collected from AIR-EFF location, effluent carbon.
- e Calculated as: Removal rate (lbs/day) = [(flow rate(scfm)*1440 (min/day))*[28.3(L/Ft3)*Inf. Conc (µg/L)]]/454,000,000 µg/lb.
- f Calculated as: [GRPH Removal Rate (lbs/day) * Time Since Last Event (days)].
- g Calculated as: [Cumulative GRPH Removed (lbs) + GRPH Removed During Period (lbs)].
- h Calculated as: [(Mass flow rate In - Mass Flow rate Out)/(Mass flow rate in)] * 100.
- SVE Soil vapor extraction.
- scfm Standard cubic feet per minute.

- VOC Volatile organic compound.
- Conc. Concentration.
- µg/L Micrograms per liter.
- lbs Pounds.
- ppm Parts per million.
- ppmv Parts per million, by volume.
- % Percent.
- PID Photoionization detector.
- NA Not Applicable -- vapor controls removed.
- * System was off when field personnel arrived on site.

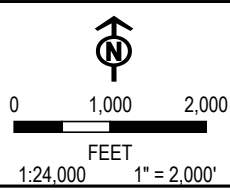
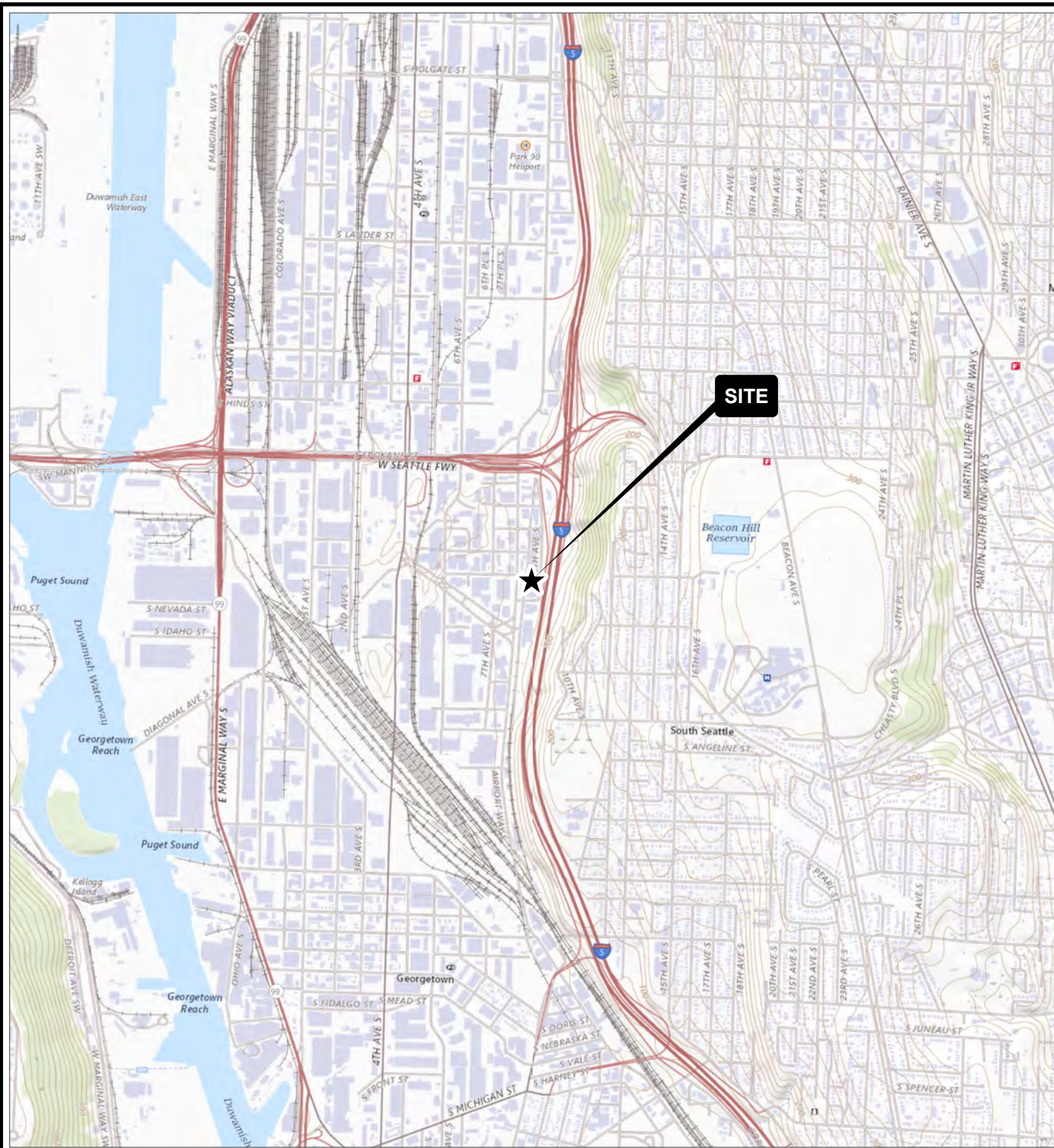
Table 7
System 2 SVE System Operation Summary
Annual Groundwater Monitoring Report for 2022-2023
Washington Industries Environmental Remediation Trust
825 South Dakota Street and 812 and 820 South Adams Street, Seattle, Washington

Date	Field Inputs			Mass Removal		
	SVE Run Time Since Last Event (days) ^a	Total Flow Rate (scfm) ^b	Effluent VOC Conc. (µg/L) ^b	VOC Removal Rate (lbs/day) ^c	VOCs Removed During Period (lbs) ^d	Cumulative VOCs Removed (lbs) ^e
12/4/2017	0.40	426	0.276	0.01	0.00	0.00
12/4/2017	0.13	426	1.916	0.07	0.01	0.01
12/5/2017	0.79	427	1.250	0.05	0.04	0.05
12/5/2017	0.21	427	1.432	0.05	0.01	0.06
12/6/2017	0.80	395	2.567	0.09	0.07	0.14
12/7/2017	1.13	397	2.025	0.07	0.08	0.22
12/8/2017	0.88	399	3.475	0.12	0.11	0.33
12/11/2017	3.11	394	2.292	0.08	0.25	0.58
12/14/2017	3.50	389	2.004	0.07	0.24	0.82
12/18/2017	3.50	399	2.489	0.09	0.31	1.14
12/21/2017	3.20	390	1.711	0.06	0.19	1.33
12/28/2017	7.20	374	1.900	0.06	0.46	1.79
1/4/2018	6.40	381	0.742	0.03	0.16	1.95
1/12/2018	7.90	399	0.859	0.03	0.24	2.19
1/18/2018	6.25	406	0.972	0.04	0.22	2.41
2/26/2018	39.00	403	0.818	0.03	1.16	3.57
3/28/2018*	15.00	401.90	2.02	0.07	1.09	4.66
4/25/2018	27.80	358	1.060	0.03	0.95	5.61
6/8/2018	43.00	398	2.825	0.10	4.34	9.95
6/29/2018	21.00	311	3.025	0.08	1.77	11.72
7/24/2018	25.00	261	6.258	0.15	3.67	15.39
10/5/2018	42.00	330	4.062	0.12	5.05	20.44
11/2/2018	28.00	364	3.442	0.11	3.15	23.59
12/18/2018	46.00	360	0.523	0.02	0.78	24.37
2/8/2019	52.00	408	0.653	0.02	1.24	25.61
3/15/2019	35.00	391	0.325	0.01	0.40	26.01
6/4/2019	81.00	267	1.432	0.03	2.78	28.79
7/22/2019	48.00	349	1.495	0.05	2.25	31.04
9/10/2019	50.00	326	5.181	0.15	7.58	38.62
10/31/2019	51.00	359	2.513	0.08	4.13	42.75
12/16/2019	46.00	348	0.608	0.02	0.87	43.62
1/28/2020	43.00	369	0.345	0.01	0.49	44.11
2/24/2020	27.00	364	0.297	0.01	0.26	44.38
4/10/2020	46.00	364	0.409	0.01	0.61	44.99
5/27/2020	47.00	378	0.762	0.03	1.22	46.21
7/13/2020	47.00	357	1.167	0.04	1.76	47.96
8/7/2020	25.00	339	1.808	0.06	1.38	49.34
12/3/2020	118.00	311	0.602	0.02	1.98	51.32
2/18/2021	77.00	37	0.261	0.00	0.07	51.39
3/31/2021*	20.00	351	NS	NA	NA	NA
5/24/2021	54.00	378	0.370	0.01	0.68	52.07
7/6/2021*	21.00	310	1.056	0.03	0.62	52.68
11/8/2021*	31.00	317	1.100	0.03	0.97	53.65
12/22/2021	44.00	211	0.409	0.01	0.34	53.99
1/31/2022	20.00	253	0.160	0.00	0.07	54.07
3/25/2022	53.00	446	0.373	0.01	0.79	54.86
5/9/2022	45.00	455	0.331	0.01	0.61	55.47
6/16/2022	38.00	426	0.151	0.01	0.22	55.68
7/25/2022	39.00	255	0.000	0.00	0.00	55.68
9/14/2022	51.00	372	1.933	0.06	3.29	58.97
10/20/2022	36.00	341	0.713	0.02	0.79	59.76
11/11/2022	22.00	375	0.815	0.03	0.60	60.36
12/21/2022	40.00	417	0.209	0.01	0.31	60.67
Run time	1413.20					

- Notes:
- a Days of SVE operation since last visit.
 - b Collected from SVE-TOT location, post dilution.
 - c Calculated as: Removal rate (lbs/day) = [[flow rate(scfm)*1440 (min/day)]]*[28.3(L/Ft3)*Inf. Conc (µg/L)]]/454,000,000 µg/lb
 - d Calculated as: [GRPH Removal Rate (lbs/day) * Time Since Last Event (days)]
 - e Calculated as: [Cumulative GRPH Removed (lbs) + GRPH Removed During Period (lbs)]
 - SVE Soil vapor extraction.
 - scfm Standard cubic feet per minute.
 - VOC Volatile organic compound.
 - Conc. Concentration.
 - µg/L Micrograms per liter.
 - lbs Pounds.
 - NA Not Applicable -- vapor controls removed.
 - * System was off when field personnel arrived on site.

Figures

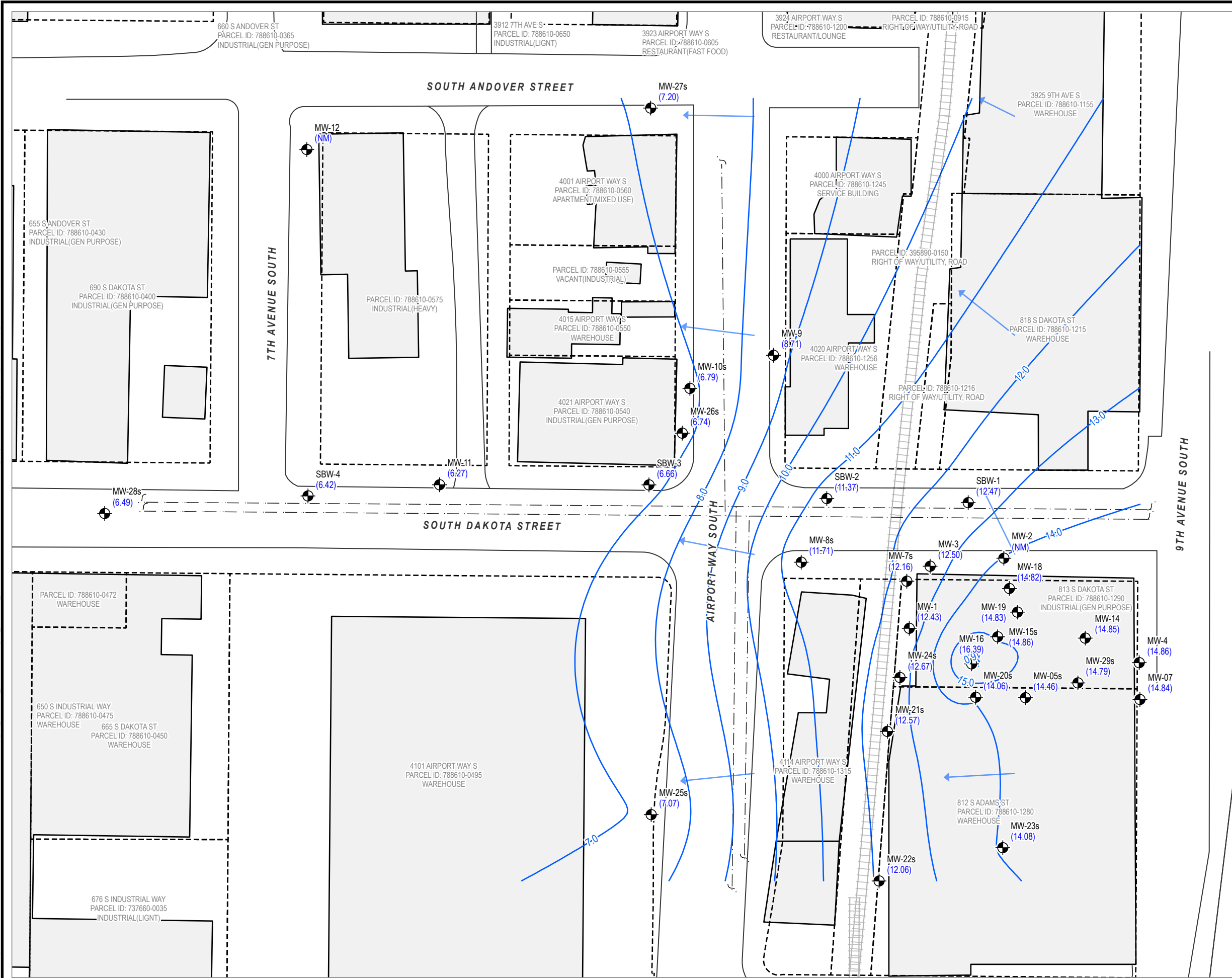
COORDINATE SYSTEM: NAD 1983 2011 STATEPLANE WASHINGTON SOUTH FIPS 4602 FT US; MAP ROTATION: 0
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PROJECT: FORMER NORTHWEST PLATING SITE 825 S. DAKOTA ST & 812 & 820 S. ADAMS ST SEATTLE, WASHINGTON	
TITLE: GENERAL VICINITY MAP ANNUAL GROUNDWATER MONITORING REPORT FOR 2022-2023	
DRAWN BY: S. RAY	PROJ. NO.: 015354.0012.0000
CHECKED BY: M. ESPARRA	FIGURE 1
APPROVED BY: M. ESPARRA	
DATE: OCTOBER 2023	
 1180 NW MAPLE STREET, SUITE 310 ISSAQUAH, WA 98027 PHONE: 425.395.0010	
FILE: ANNUAL GROUNDWATER MONITORING REPORT 2022-2023	

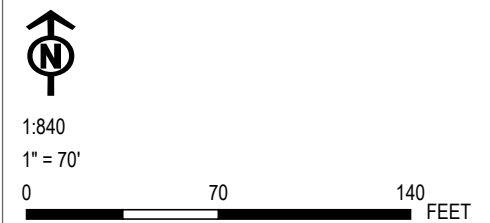
BASE MAP: USGS COLOR ORTHO IMAGERY
DATA SOURCES: TRC

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet, Map Rotation: 0
-- Saved By: SRAY on 12/11/2023, 14:06:29 PM, File Path: T:\1-PROJECTS\Washington, Industries, Seattle\APRX\Annual Groundwater Monitoring Report 2022-2023.aprx, Layout Name: Fig 3 - Shallow Aq Contours Q3 2023



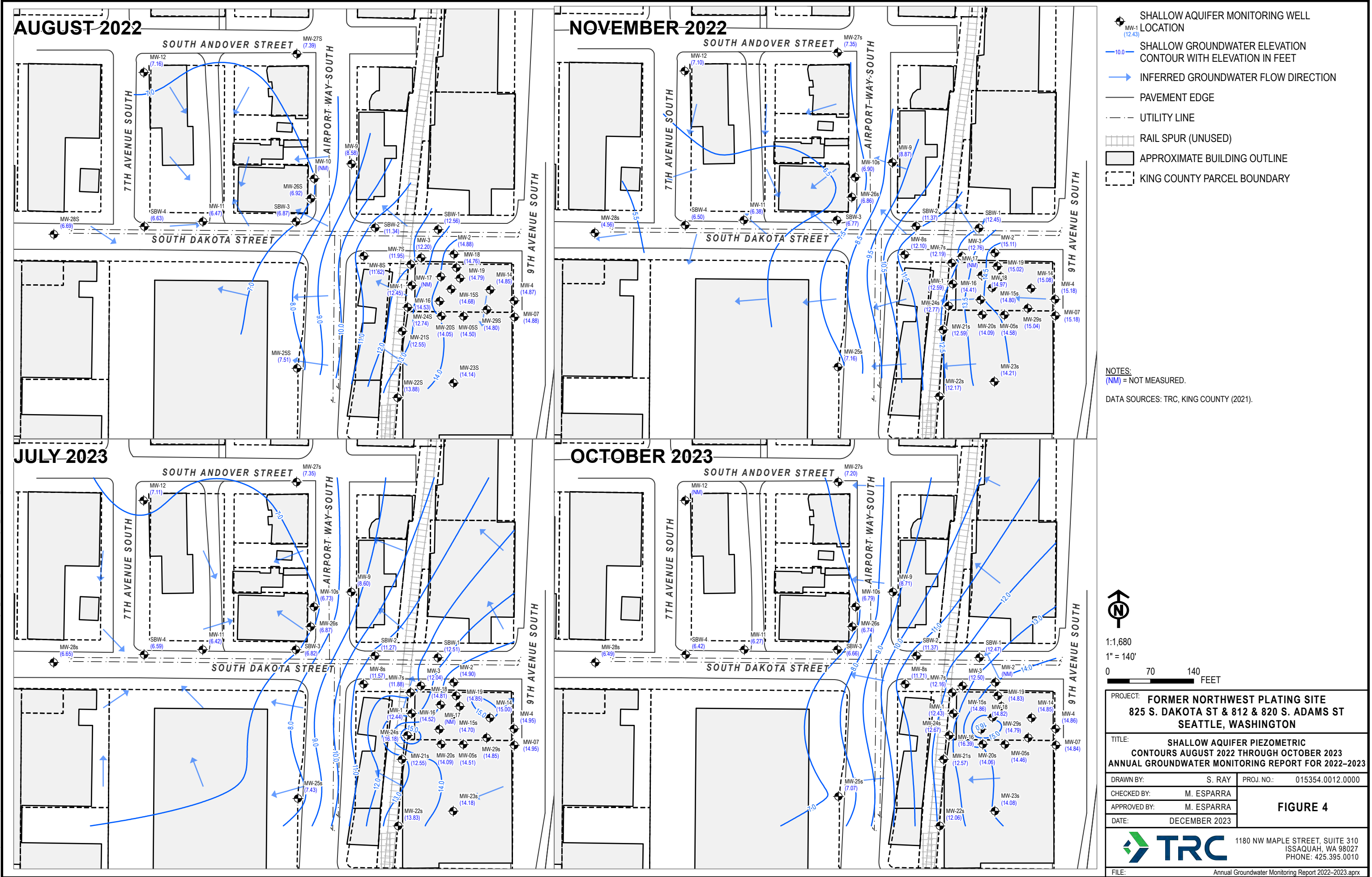
- SHALLOW AQUIFER MONITORING WELL LOCATION
MW-1 (12.43)
- 10.0 SHALLOW GROUNDWATER ELEVATION CONTOUR WITH ELEVATION IN FEET
- INFERRED GROUNDWATER FLOW DIRECTION
- PAVEMENT EDGE
- UTILITY LINE
- RAIL SPUR (UNUSED)
- APPROXIMATE BUILDING OUTLINE
- KING COUNTY PARCEL BOUNDARY

NOTES:
(NM) = NOT MEASURED.
DATA SOURCES: TRC, KING COUNTY (2021).

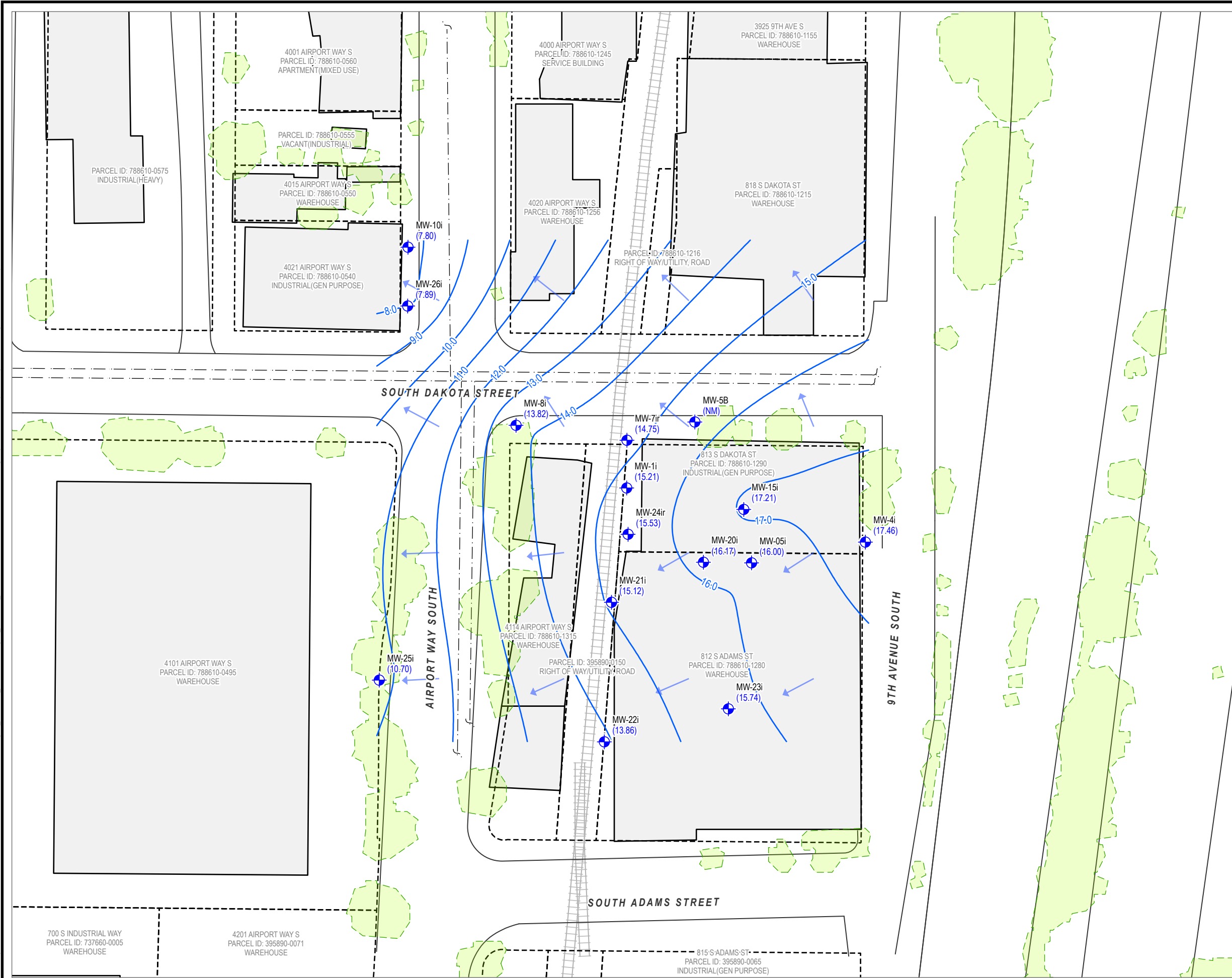


PROJECT: FORMER NORTHWEST PLATING SITE	
825 S. DAKOTA ST & 812 & 820 S. ADAMS ST	
SEATTLE, WASHINGTON	
TITLE: SHALLOW AQUIFER	
PIEZOMETRIC CONTOURS FOR OCTOBER 2023	
ANNUAL GROUNDWATER MONITORING REPORT FOR 2022-2023	
DRAWN BY: S. RAY	PROJ. NO.: 015354.0012.0000
CHECKED BY: M. ESPARRA	FIGURE 3
APPROVED BY: M. ESPARRA	
DATE: DECEMBER 2023	
 1180 NW MAPLE STREET, SUITE 310 ISSAQUAH, WA 98027 PHONE: 425.395.0010	
FILE:	Annual Groundwater Monitoring Report 2022-2023.aprx

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet, Map Rotation: 0
-- Saved By: <ACP> Srey, <ACP> on 12/11/2023, 14:06:29 PM, File Path: T:\PROJECTS\Washington, Industries, Seattle\APR\Annual Groundwater Monitoring Report 2022-2023.aprx, Layout Name: Fig 4 - ShallowAq Contours Q3Q4 2022 & Q3Q4 2023

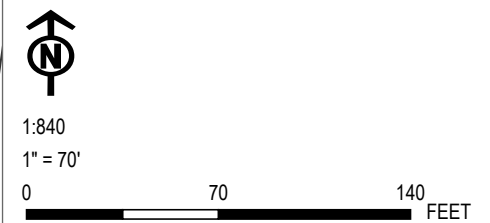


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-- Saved By: SRAY on 12/11/2023, 14:06:29 PM, File Path: T:\PROJECTS\Washington, Industries, Seattle\APRX\Annual Groundwater Monitoring Report 2022-2023.aprx, Layout Name: Fig 5 - Intermediate Aq Contours Q3 2023



- INTERMEDIATE AQUIFER MONITORING WELL LOCATION
- INTERMEDIATE GROUNDWATER ELEVATION CONTOUR WITH ELEVATION IN FEET
- INFERRED GROUNDWATER FLOW DIRECTION
- PAVEMENT EDGE
- UTILITY LINE
- RAIL SPUR (UNUSED)
- APPROXIMATE BUILDING OUTLINE
- KING COUNTY PARCEL BOUNDARY
- TREE CANOPY

NOTES:
(NM) = NOT MEASURED.
DATA SOURCES: TRC, KING COUNTY (2021).

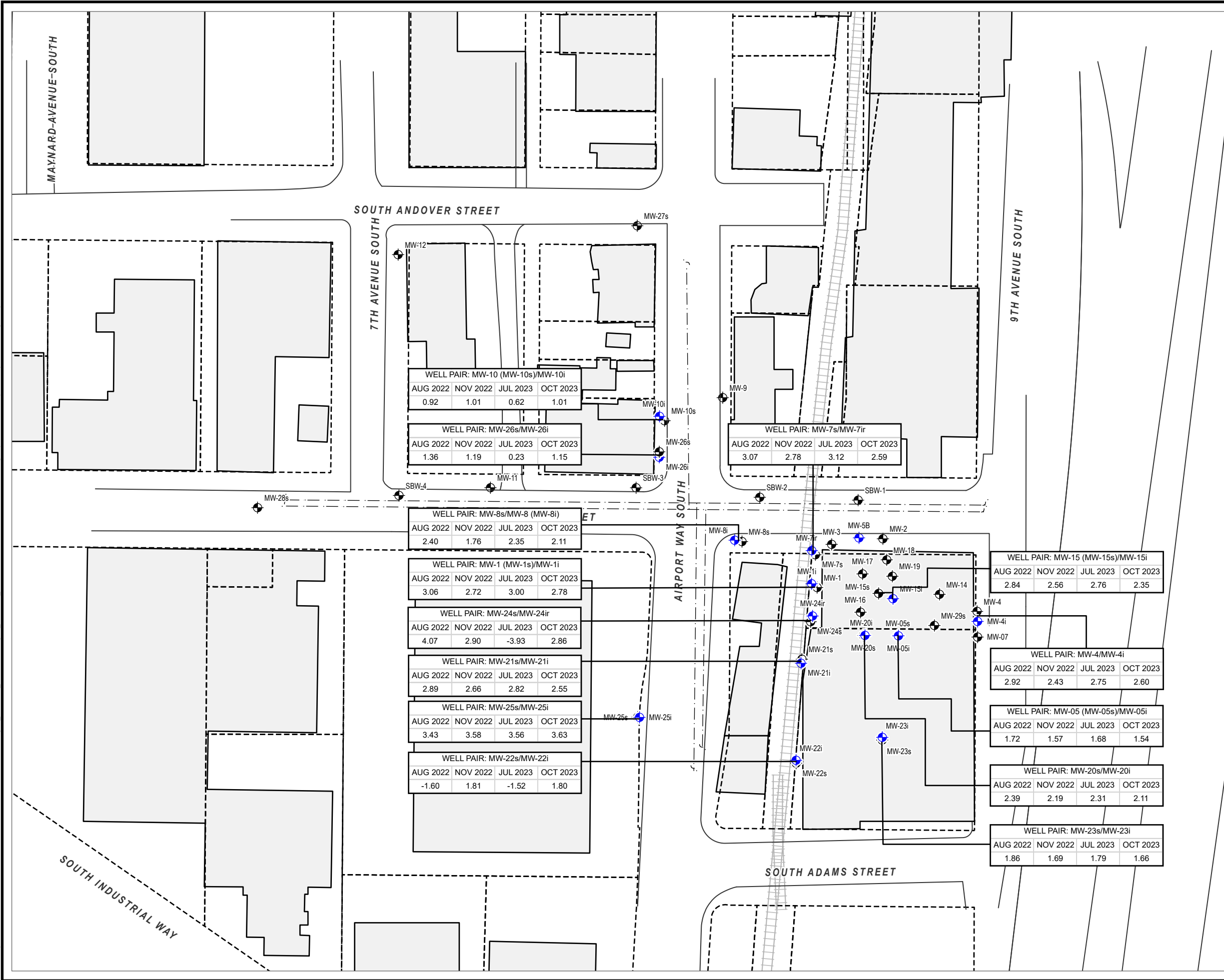


PROJECT: FORMER NORTHWEST PLATING SITE 825 S. DAKOTA ST & 812 & 820 S. ADAMS ST SEATTLE, WASHINGTON		
TITLE: INTERMEDIATE AQUIFER PIEZOMETRIC CONTOURS FOR OCTOBER 2023 ANNUAL GROUNDWATER MONITORING REPORT FOR 2022-2023		
DRAWN BY: S. RAY		PROJ. NO.: 015354.0012.0000
CHECKED BY: M. ESPARRA		FIGURE 5
APPROVED BY: M. ESPARRA		
DATE: DECEMBER 2023		
 1180 NW MAPLE STREET, SUITE 310 ISSAQUAH, WA 98027 PHONE: 425.395.0010		
FILE: Annual Groundwater Monitoring Report 2022-2023.aprx		

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet, Map Rotation: 0
-- Saved By: <ACP> S-Ray, <ACP> on 12/11/2023, 14:06:29 PM, File Path: T:\PROJECTS\Washington, Industries, Seattle\APRX\Annual Groundwater Monitoring Report 2022-2023.aprx, Layout Name: Fig 6 - Intermediate Aq Contours 03/04/2022 & 02/03/2023



Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet, Map Rotation: 0
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SHALLOW AQUIFER MONITORING WELL LOCATION

INTERMEDIATE AQUIFER MONITORING WELL LOCATION

PAVEMENT EDGE

UTILITY LINE

RAIL SPUR (UNUSED)

APPROXIMATE BUILDING OUTLINE

KING COUNTY PARCEL BOUNDARY

NOTES:

DATA SOURCES: TRC, KING COUNTY (2021).

WELL PAIR: MW-26s/MW-26i			
AUG 2022	NOV 2022	JUL 2023	OCT 2023
1.36	1.19	0.23	1.15

SAMPLE MONTH AND YEAR

MEASURED PIEZOMETRIC HEAD DIFFERENTIAL BETWEEN SHALLOW AND INTERMEDIATE WELL PAIRS (FEET)

1:1,200

1" = 100'

0 70 140 FEET

PROJECT: **FORMER NORTHWEST PLATING SITE**
825 S. DAKOTA ST & 812 & 820 S. ADAMS ST
SEATTLE, WASHINGTON

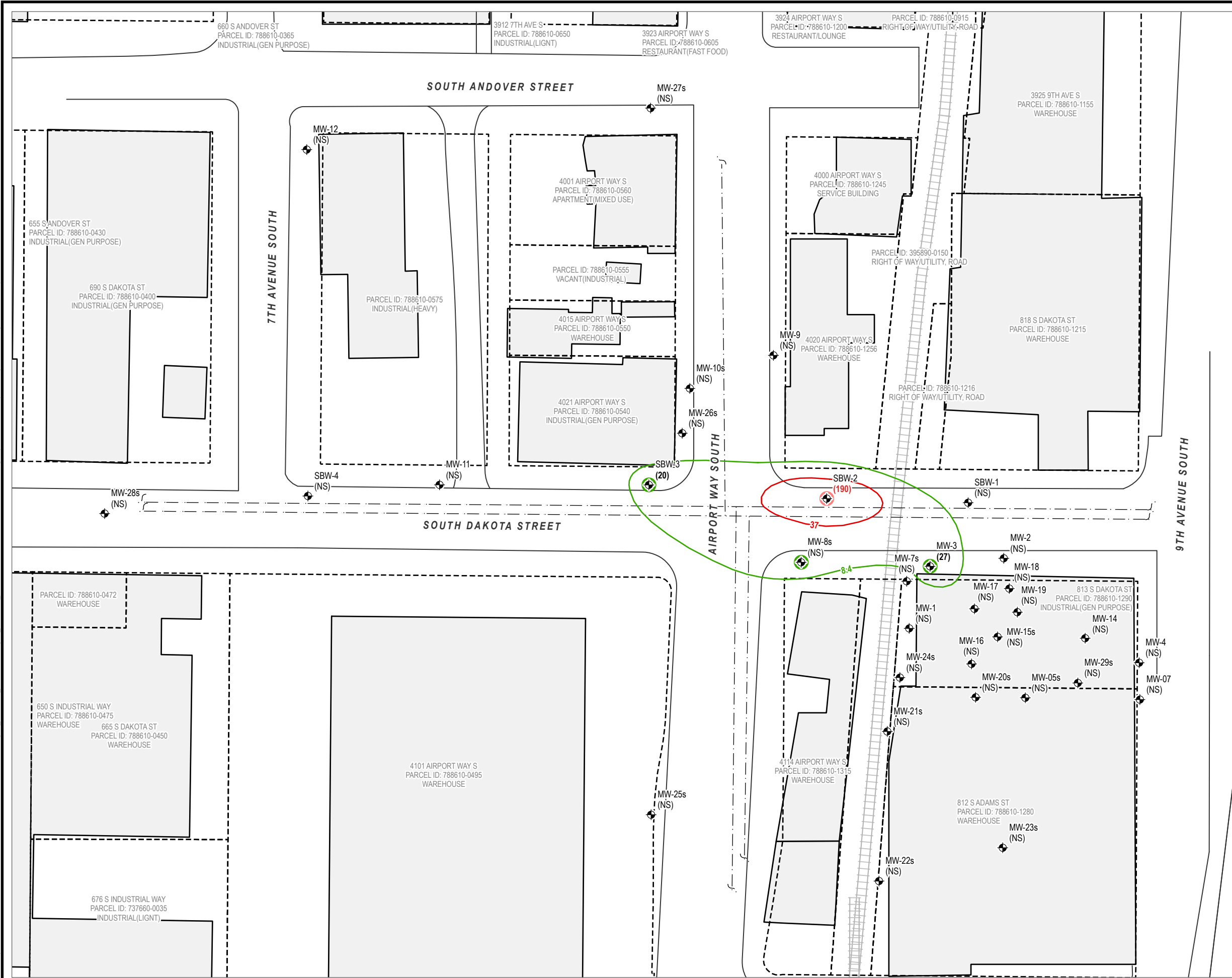
TITLE: **HYDRAULIC HEAD DIFFERENTIAL BETWEEN SHALLOW AND INTERMEDIATE AQUIFERS AUGUST 2023 THROUGH OCTOBER 2023**
ANNUAL GROUNDWATER MONITORING REPORT FOR 2022-2023

DRAWN BY: S. RAY	PROJ. NO.: 015354.0012.0000
CHECKED BY: M. ESPARRA	FIGURE 7
APPROVED BY: M. ESPARRA	
DATE: DECEMBER 2023	

1180 NW MAPLE STREET, SUITE 310
ISSAQUAH, WA 98027
PHONE: 425.395.0010

FILE: Annual Groundwater Monitoring Report 2022-2023.aprx

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet, Map Rotation: 0
-- Saved By: SRAV on 12/11/2023, 14:06:29 PM, File Path: T:\1-PROJECTS\Washington, Industries, Seattle\APRX\Annual Groundwater Monitoring Report 2022-2023.aprx, Layout Name: Fig 8 - Shallow Aq TCE Oct Q4 2023



- SHALLOW AQUIFER MONITORING WELL LOCATION
SBW-2 (190)
- INDICATES SAMPLE LOCATION WITH CONCENTRATIONS EXCEEDING CLEANUP LEVEL (CUL)
- INDICATES SAMPLE LOCATION WITH CONCENTRATIONS EXCEEDING THE REMEDIATION LEVEL (REL)
- PAVEMENT EDGE
- UTILITY LINE
- RAIL SPUR (UNUSED)
- APPROXIMATE BUILDING OUTLINE
- EXTENT OF SHALLOW GROUNDWATER TCE CONTAMINATION EXCEEDING THE CUL
- EXTENT OF SHALLOW GROUNDWATER TCE CONTAMINATION EXCEEDING THE REL (DASHED WHERE INFERRED)
- KING COUNTY PARCEL BOUNDARY

NOTES:
BOLD BLACK TEXT INDICATES SAMPLE LOCATION WITH CONCENTRATION EXCEEDING LABORATORY REPORTING LIMITS.
RED BOLD RESULT EXCEEDS REL.
CUL = CLEANUP LEVEL.
NS = NOT SAMPLED.
REL = REMEDIATION LEVEL.
TCE = TRICHLOROETHENE.

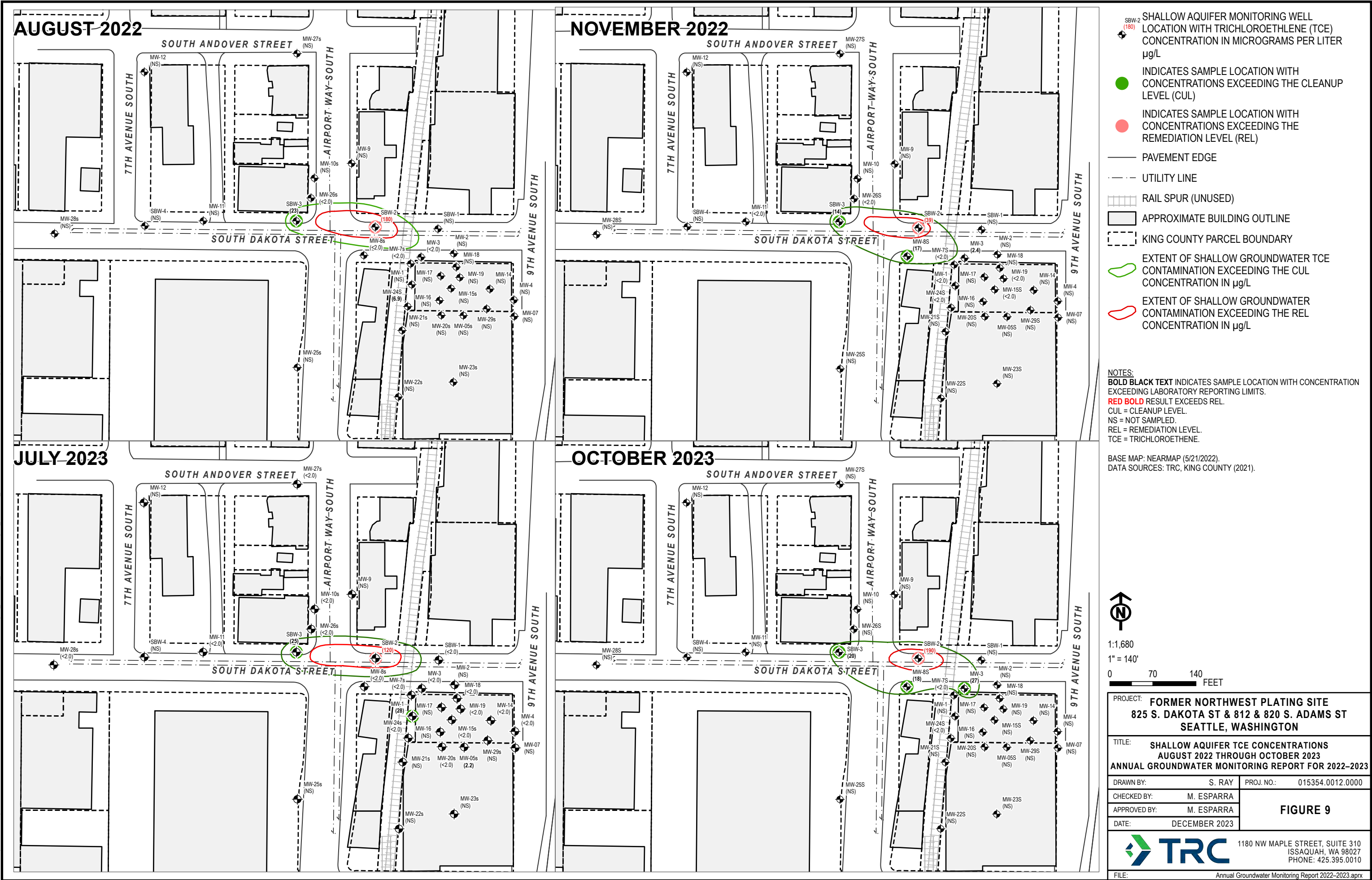
BASE MAP: NEARMAP (5/21/2022).
DATA SOURCES: TRC, KING COUNTY (2021).



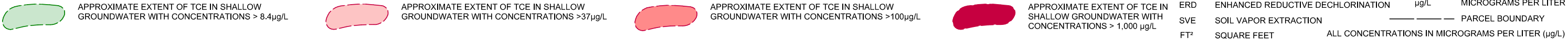
1:840
1" = 70'
0 70 140 FEET

PROJECT: FORMER NORTHWEST PLATING SITE 825 S. DAKOTA ST & 812 & 820 S. ADAMS ST SEATTLE, WASHINGTON			
TITLE: SHALLOW AQUIFER TCE CONCENTRATIONS FOR OCTOBER 2023 ANNUAL GROUNDWATER MONITORING REPORT FOR 2022-2023			
DRAWN BY: S. RAY		PROJ. NO.: 015354.0012.0000	
CHECKED BY: M. ESPARRA		FIGURE 8	
APPROVED BY: M. ESPARRA			
DATE: DECEMBER 2023			
		1180 NW MAPLE STREET, SUITE 310 ISSAQUAH, WA 98027 PHONE: 425.395.0010	
FILE: Annual Groundwater Monitoring Report 2022-2023.aprx			

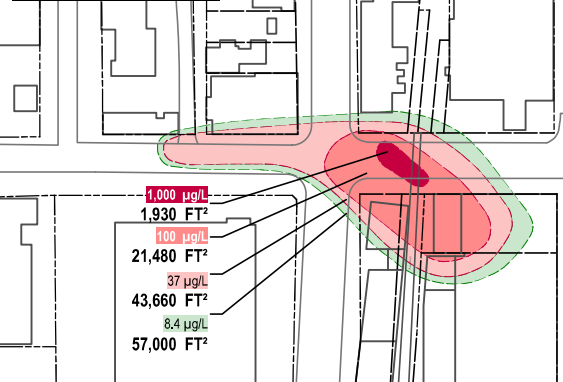
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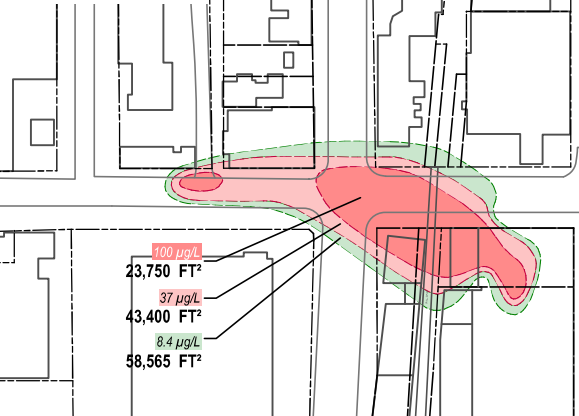
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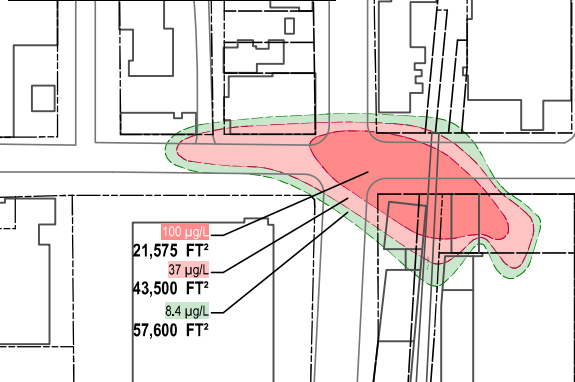
DECEMBER 2016
ERD INJECTION



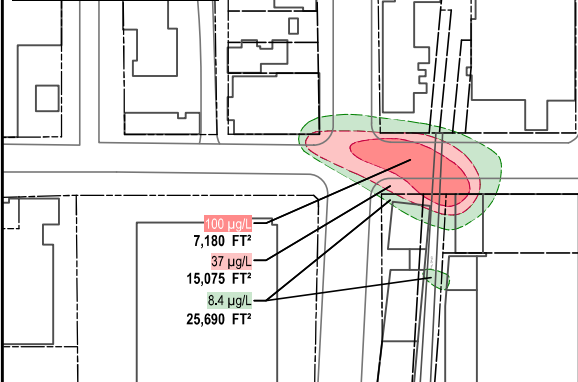
MARCH 2017



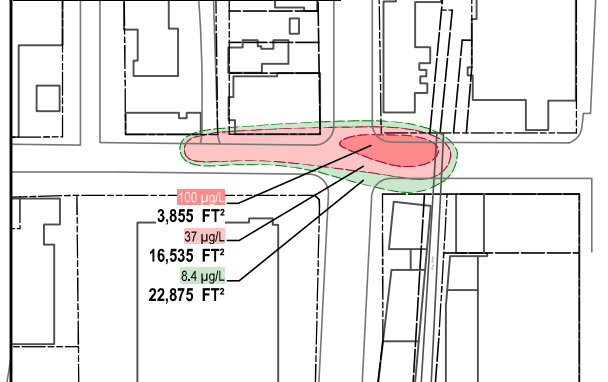
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SVE SYSTEM 1 STARTUP



AUGUST 2017
ERD INJECTION



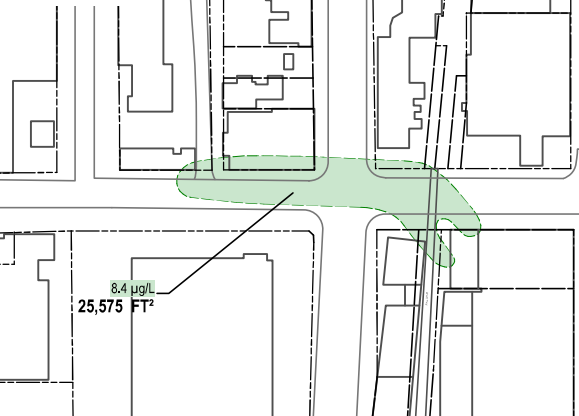
NOVEMBER 2017
SVE SYSTEM 2 STARTUP



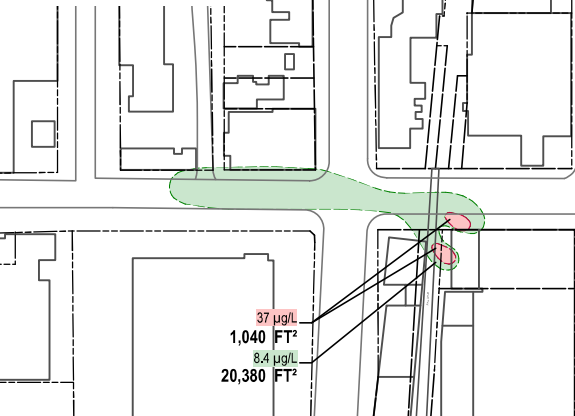
FEBRUARY 2018



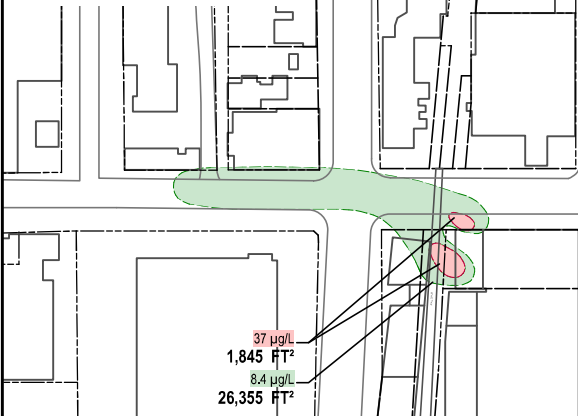
MAY 2018



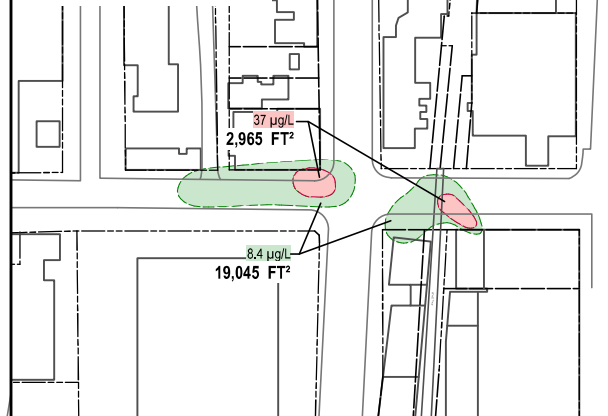
AUGUST 2018



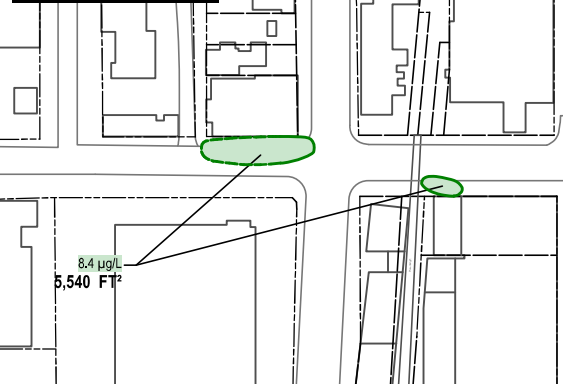
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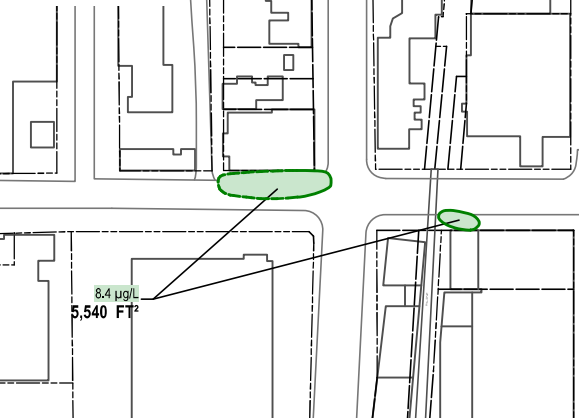
FEBRUARY 2019



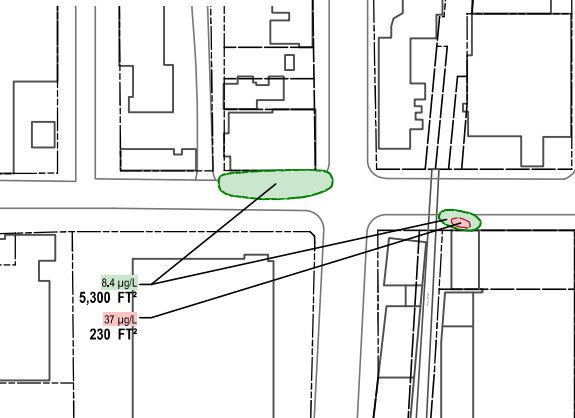
MAY 2019
ERD INJECTION



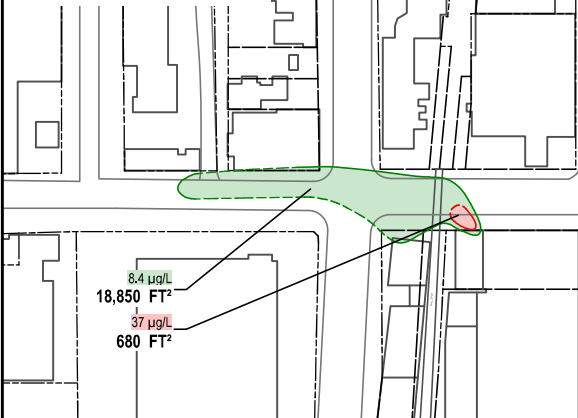
JULY 2019



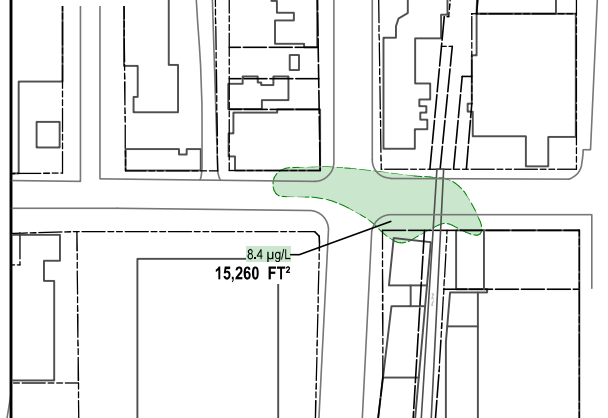
NOVEMBER 2019



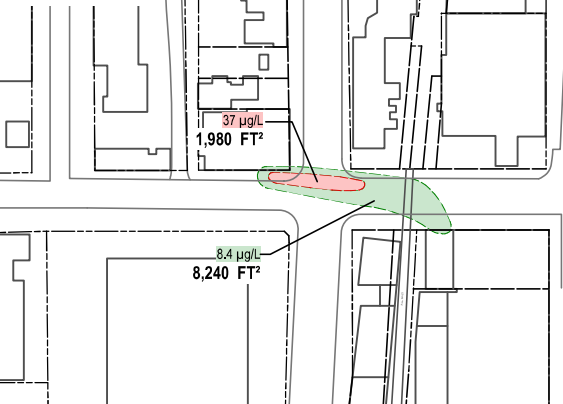
FEBRUARY 2020



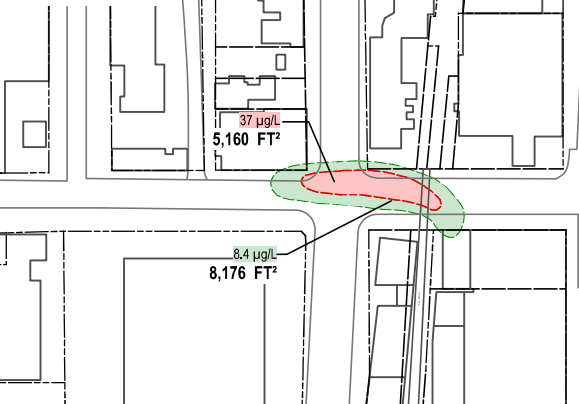
MAY 2020



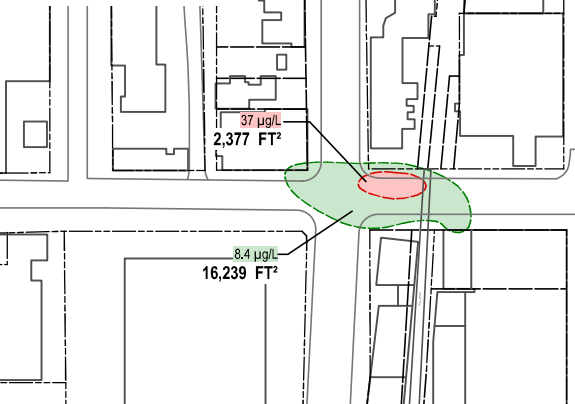
MAY 2021



MAY 2022



OCTOBER 2023



1180 NW MAPLE ST, SUITE 310
ISSAQUAH, WA 98027
WWW.TRCCOMPANIES.COM
425.395.0010

FIGURE 10
SHALLOW AQUIFER TCE CONCENTRATIONS
DECEMBER 2016 THROUGH OCTOBER 2023

REPORT
ANNUAL GROUNDWATER
MONITORING REPORT FOR
2022 - 2023

PREPARED FOR
WASHINGTON INDUSTRIES ENVIRONMENTAL
REMEDATION TRUST

PROJECT NUMBER
015354.0009.0000

LOCATION
825 SOUTH DAKOTA STREET AND
812 AND 820 SOUTH ADAMS STREET
SEATTLE, WASHINGTON

DATE 2/19/24
DRAWN BY AM
REVIEWED BY ME

Attachment A
Laboratory Analytical Reports for Groundwater



August 5, 2022

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On August 2nd, 7 samples were received by our laboratory and assigned our laboratory project number EV22080007. The project was identified as your 015354 - WA Industries. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/5/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22080007
	Issaquah, WA 98027	ALS SAMPLE#:	EV22080007-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/1/2022 4:07:00 PM
CLIENT SAMPLE ID	MW-7s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	13	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/1/2022 4:07:00 PM
CLIENT SAMPLE ID	MW-7s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	101	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV22080007-02
CLIENT PROJECT:	015354 - WA Industries	DATE RECEIVED:	08/02/2022
CLIENT SAMPLE ID	MW-24s	COLLECTION DATE:	8/1/2022 4:20:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	0.37	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	3.9	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	6.9	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/1/2022 4:20:00 PM
CLIENT SAMPLE ID	MW-24s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	99.6	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	103	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/5/2022
ALS JOB#: EV22080007
ALS SAMPLE#: EV22080007-03
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 08/02/2022
CLIENT PROJECT: 015354 - WA Industries
COLLECTION DATE: 8/1/2022 4:30:00 PM
CLIENT SAMPLE ID: MW-8s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	10	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-03
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/1/2022 4:30:00 PM
CLIENT SAMPLE ID	MW-8s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	103	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/5/2022
ALS JOB#: EV22080007
ALS SAMPLE#: EV22080007-04
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 08/02/2022
CLIENT PROJECT: 015354 - WA Industries
COLLECTION DATE: 8/2/2022 11:03:00 AM
CLIENT SAMPLE ID: SBW-2
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	8.8	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	110	20	10	UG/L	08/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	180	20	10	UG/L	08/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/2/2022 11:03:00 AM
CLIENT SAMPLE ID	SBW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/02/2022	RAL
Chromium	EPA-200.8	18	2.0	1	UG/L	08/02/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.7	08/03/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	102	08/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	105	08/03/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	103	08/04/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/5/2022
ALS JOB#: EV22080007
ALS SAMPLE#: EV22080007-05
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 08/02/2022
CLIENT PROJECT: 015354 - WA Industries
COLLECTION DATE: 8/2/2022 11:53:00 AM
CLIENT SAMPLE ID: SBW-3
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	14	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	23	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV22080007
CLIENT PROJECT:	015354 - WA Industries	ALS SAMPLE#:	EV22080007-05
CLIENT SAMPLE ID	SBW-3	DATE RECEIVED:	08/02/2022
		COLLECTION DATE:	8/2/2022 11:53:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/02/2022	RAL
Chromium	EPA-200.8	110	2.0	1	UG/L	08/02/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	107	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV22080007-06
CLIENT PROJECT:	015354 - WA Industries	DATE RECEIVED:	08/02/2022
CLIENT SAMPLE ID	MW-26s	COLLECTION DATE:	8/2/2022 11:55:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	2.0	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	19	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-06
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/2/2022 11:55:00 AM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	106	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/5/2022
ALS JOB#: EV22080007
ALS SAMPLE#: EV22080007-07
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 08/02/2022
CLIENT PROJECT: 015354 - WA Industries
COLLECTION DATE: 8/2/2022 10:38:00 AM
CLIENT SAMPLE ID: MW-3
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Vinyl Chloride	EPA-8260	1.7	0.20	1	UG/L	08/03/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS JOB#:	EV22080007
		ALS SAMPLE#:	EV22080007-07
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	08/02/2022
CLIENT PROJECT:	015354 - WA Industries	COLLECTION DATE:	8/2/2022 10:38:00 AM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/03/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	08/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	106	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
 1180 NW Maple St, Suite 310
 Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354 - WA Industries

DATE: 8/5/2022
ALS SDG#: EV22080007
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-080322W - Batch 182038 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	08/03/2022	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	08/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Chloroform	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	08/03/2022	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Bromoform	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/5/2022
	1180 NW Maple St, Suite 310	ALS SDG#:	EV22080007
	Issaquah, WA 98027	WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	015354 - WA Industries		

LABORATORY BLANK RESULTS
MB-080322W - Batch 182038 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	08/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R414305 - Batch R414305 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	08/02/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-080222W - Batch 181947 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	08/02/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
		ALS SDG#:	EV22080007
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	015354 - WA Industries		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 182038 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	94.3			50	150	08/03/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	88.5	6		50	150	08/03/2022	DLC
Chloromethane - BS	EPA-8260	101			50	150	08/03/2022	DLC
Chloromethane - BSD	EPA-8260	99.4	2		50	150	08/03/2022	DLC
Vinyl Chloride - BS	EPA-8260	106			50	150	08/03/2022	DLC
Vinyl Chloride - BSD	EPA-8260	102	4		50	150	08/03/2022	DLC
Bromomethane - BS	EPA-8260	104			50	150	08/03/2022	DLC
Bromomethane - BSD	EPA-8260	102	2		50	150	08/03/2022	DLC
Chloroethane - BS	EPA-8260	115			50	150	08/03/2022	DLC
Chloroethane - BSD	EPA-8260	111	4		50	150	08/03/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	125			50	150	08/03/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	120	4		50	150	08/03/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	122			50	150	08/03/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	116	5		50	150	08/03/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	112			72.5	136	08/03/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	107	4		72.5	136	08/03/2022	DLC
Methylene Chloride - BS	EPA-8260	124			50	150	08/03/2022	DLC
Methylene Chloride - BSD	EPA-8260	127	3		50	150	08/03/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	121			50	150	08/03/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	117	3		50	150	08/03/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	116			50	150	08/03/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	111	4		50	150	08/03/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	115			50	150	08/03/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	112	3		50	150	08/03/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	119			50	150	08/03/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	114	5		50	150	08/03/2022	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	08/03/2022	DLC
Bromochloromethane - BSD	EPA-8260	101	2		50	150	08/03/2022	DLC
Chloroform - BS	EPA-8260	103			50	150	08/03/2022	DLC
Chloroform - BSD	EPA-8260	99.8	3		50	150	08/03/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	121			50	150	08/03/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	116	4		50	150	08/03/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	120			50	150	08/03/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	116	3		50	150	08/03/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	108			50	150	08/03/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	105	2		50	150	08/03/2022	DLC
Trichloroethene - BS	EPA-8260	108			74.4	141	08/03/2022	DLC
Trichloroethene - BSD	EPA-8260	104	4		74.4	141	08/03/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	109			50	150	08/03/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/5/2022
ALS SDG#: EV22080007
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354 - WA Industries

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichloropropane - BSD	EPA-8260	105	4		50	150	08/03/2022	DLC
Dibromomethane - BS	EPA-8260	107			50	150	08/03/2022	DLC
Dibromomethane - BSD	EPA-8260	106	2		50	150	08/03/2022	DLC
Bromodichloromethane - BS	EPA-8260	110			50	150	08/03/2022	DLC
Bromodichloromethane - BSD	EPA-8260	107	3		50	150	08/03/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	104			50	150	08/03/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	103	1		50	150	08/03/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	103			50	150	08/03/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	99.2	3		50	150	08/03/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	106			50	150	08/03/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	106	0		50	150	08/03/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	107			50	150	08/03/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	106	1		50	150	08/03/2022	DLC
Tetrachloroethylene - BS	EPA-8260	102			50	150	08/03/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	96.4	6		50	150	08/03/2022	DLC
Dibromochloromethane - BS	EPA-8260	114			50	150	08/03/2022	DLC
Dibromochloromethane - BSD	EPA-8260	113	1		50	150	08/03/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	100			50	150	08/03/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	100	0		50	150	08/03/2022	DLC
Chlorobenzene - BS	EPA-8260	114			73	131	08/03/2022	DLC
Chlorobenzene - BSD	EPA-8260	111	3		73	131	08/03/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	113			50	150	08/03/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	111	3		50	150	08/03/2022	DLC
Bromoform - BS	EPA-8260	114			50	150	08/03/2022	DLC
Bromoform - BSD	EPA-8260	114	0		50	150	08/03/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	109			50	150	08/03/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	108	1		50	150	08/03/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	109			50	150	08/03/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	108	1		50	150	08/03/2022	DLC
Bromobenzene - BS	EPA-8260	113			50	150	08/03/2022	DLC
Bromobenzene - BSD	EPA-8260	110	3		50	150	08/03/2022	DLC
2-Chlorotoluene - BS	EPA-8260	111			50	150	08/03/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	106	4		50	150	08/03/2022	DLC
4-Chlorotoluene - BS	EPA-8260	113			50	150	08/03/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	109	4		50	150	08/03/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	115			50	150	08/03/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	111	3		50	150	08/03/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	113			50	150	08/03/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	109	4		50	150	08/03/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	110			50	150	08/03/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/5/2022
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV22080007
CLIENT PROJECT:	015354 - WA Industries	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	107	3		50	150	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	97.9			50	150	08/03/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	97.4	1		50	150	08/03/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	97.7			50	150	08/03/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	96.0	2		50	150	08/03/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	113			50	150	08/03/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	111	1		50	150	08/03/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	106			50	150	08/03/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	105	1		50	150	08/03/2022	DLC

ALS Test Batch ID: 181947 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	98.3			88.3	110.2	08/02/2022	RAL
Chromium - BSD	EPA-200.8	99.1	1		88.3	110.2	08/02/2022	RAL

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

GV22080007

Date 8/2/22 Page 1 Of 1

[illegible]

8/2/22 - Mariem changed from VOC to HVOC. Sn

1. Relinquished By: TRC 8/2/22 1210
Received By: ALS 8-2-22 1210
2. Relinquished By: _____
Received By: _____

OTHER:

Specify: _____

5 3 1 SAM
DAY

*Turnaround request less than standard may incur Rush Charges



December 7, 2022

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On November 29th, 12 samples were received by our laboratory and assigned our laboratory project number EV22110164. The project was identified as your WA Industries - 015354. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/7/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22110164
	Issaquah, WA 98027	ALS SAMPLE#:	EV22110164-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 8:50:00 AM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	1.8	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	6.4	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-01
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 8:50:00 AM
CLIENT SAMPLE ID MW-1 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/02/2022	DLC
Toluene-d8	EPA-8260	102	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	101	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-02
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 9:05:00 AM
CLIENT SAMPLE ID MW-24s WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	1.4	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	28	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	5.6	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 9:05:00 AM
CLIENT SAMPLE ID	MW-24s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/02/2022	DLC
Toluene-d8	EPA-8260	102	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.2	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS JOB#: EV22110164
ALS SAMPLE#: EV22110164-03
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 11/29/2022 9:15:00 AM
CLIENT SAMPLE ID: MW-8s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	26	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	6.4	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	17	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS JOB#: EV22110164
ALS SAMPLE#: EV22110164-03
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 11/29/2022 9:15:00 AM
CLIENT SAMPLE ID: MW-8s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.2	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV22110164
CLIENT PROJECT:	WA Industries - 015354	ALS SAMPLE#:	EV22110164-04
CLIENT SAMPLE ID	MW-3	DATE RECEIVED:	11/29/2022
		COLLECTION DATE:	11/29/2022 9:40:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	2.3	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	26	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	2.4	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 9:40:00 AM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	100	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-05
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 10:00:00 AM
CLIENT SAMPLE ID MW-11 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	0.64	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	27	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	3.6	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-05
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 10:00:00 AM
CLIENT SAMPLE ID	MW-11	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	101	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS JOB#: EV22110164
ALS SAMPLE#: EV22110164-06
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 11/29/2022 10:10:00 AM
CLIENT SAMPLE ID: MW-26s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	0.93	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	12	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV22110164
CLIENT PROJECT:	WA Industries - 015354	ALS SAMPLE#:	EV22110164-06
CLIENT SAMPLE ID	MW-26s	DATE RECEIVED:	11/29/2022
		COLLECTION DATE:	11/29/2022 10:10:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.3	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-07
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 10:40:00 AM
CLIENT SAMPLE ID SBW-3 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	14	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-07
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 10:40:00 AM
CLIENT SAMPLE ID SBW-3 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	11/29/2022	EBS
Chromium	EPA-200.8	68	2.0	1	UG/L	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/02/2022	DLC
Toluene-d8	EPA-8260	99.3	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.2	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-08
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 11:50:00 AM
CLIENT SAMPLE ID SBW-2 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	27	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	110	20	10	UG/L	12/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	39	20	10	UG/L	12/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-08
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 11:50:00 AM
CLIENT SAMPLE ID	SBW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	11/29/2022	EBS
Chromium	EPA-200.8	25	2.0	1	UG/L	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	99.6	12/02/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	99.7	12/07/2022	DLC
Toluene-d8	EPA-8260	99.4	12/02/2022	DLC
Toluene-d8 10X Dilution	EPA-8260	100	12/07/2022	DLC
4-Bromofluorobenzene	EPA-8260	98.2	12/02/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	101	12/07/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-09
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 12:10:00 PM
CLIENT SAMPLE ID MW-19 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	6.9	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS JOB#: EV22110164
ALS SAMPLE#: EV22110164-09
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 11/29/2022 12:10:00 PM
CLIENT SAMPLE ID: MW-19
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	100	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-10
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 12:20:00 PM
CLIENT SAMPLE ID	MW-15i	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	1.7	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS JOB#: EV22110164
ALS SAMPLE#: EV22110164-10
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 11/29/2022 12:20:00 PM
CLIENT SAMPLE ID: MW-15i
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/02/2022	DLC
Toluene-d8	EPA-8260	101	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.5	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/7/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22110164
	Issaquah, WA 98027	ALS SAMPLE#:	EV22110164-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 12:25:00 PM
CLIENT SAMPLE ID	MW-15s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	4.5	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS JOB#:	EV22110164
		ALS SAMPLE#:	EV22110164-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 12:25:00 PM
CLIENT SAMPLE ID	MW-15s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	12/02/2022	DLC
Toluene-d8	EPA-8260	100	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	100	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/7/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22110164
	Issaquah, WA 98027	ALS SAMPLE#:	EV22110164-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	11/29/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022
CLIENT SAMPLE ID	DUP-01	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/02/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trichloroethene	EPA-8260	14	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/7/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22110164
Issaquah, WA 98027 ALS SAMPLE#: EV22110164-12
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 11/29/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022
CLIENT SAMPLE ID DUP-01 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/02/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/02/2022	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	11/29/2022	EBS
Chromium	EPA-200.8	74	2.0	1	UG/L	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/02/2022	DLC
Toluene-d8	EPA-8260	99.9	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	99.3	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

DATE: 12/7/2022
ALS SDG#: EV22110164
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-120222W - Batch 186946 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	12/02/2022	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Acetone	EPA-8260	U	UG/L	25	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	12/02/2022	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	12/02/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
2-Butanone	EPA-8260	U	UG/L	10	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Chloroform	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Benzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	12/02/2022	DLC
Toluene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
2-Hexanone	EPA-8260	U	UG/L	10	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS SDG#:	EV22110164
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY BLANK RESULTS

MB-120222W - Batch 186946 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	12/02/2022	DLC
Styrene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Bromoform	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R423367 - Batch R423367 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	11/29/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-113022W - Batch 186791 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	12/02/2022	EBS



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS SDG#:	EV22110164
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY BLANK RESULTS

MB-113022W - Batch 186791 - Water by EPA-200.8

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/7/2022
ALS SDG#: EV22110164
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186946 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	121			50	150	12/02/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	114	5		50	150	12/02/2022	DLC
Chloromethane - BS	EPA-8260	88.6			50	150	12/02/2022	DLC
Chloromethane - BSD	EPA-8260	85.5	3		50	150	12/02/2022	DLC
Vinyl Chloride - BS	EPA-8260	121			50	150	12/02/2022	DLC
Vinyl Chloride - BSD	EPA-8260	117	3		50	150	12/02/2022	DLC
Bromomethane - BS	EPA-8260	58.9			50	150	12/02/2022	DLC
Bromomethane - BSD	EPA-8260	60.9	3		50	150	12/02/2022	DLC
Chloroethane - BS	EPA-8260	114			50	150	12/02/2022	DLC
Chloroethane - BSD	EPA-8260	110	4		50	150	12/02/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	115			50	150	12/02/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	115	0		50	150	12/02/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	119			50	150	12/02/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	115	4		50	150	12/02/2022	DLC
Carbon Disulfide - BS	EPA-8260	120			50	150	12/02/2022	DLC
Carbon Disulfide - BSD	EPA-8260	119	1		50	150	12/02/2022	DLC
Acetone - BS	EPA-8260	128			50	150	12/02/2022	DLC
Acetone - BSD	EPA-8260	138	7		50	150	12/02/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	120			72.5	136	12/02/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	118	1		72.5	136	12/02/2022	DLC
Methylene Chloride - BS	EPA-8260	93.2			50	150	12/02/2022	DLC
Methylene Chloride - BSD	EPA-8260	90.6	3		50	150	12/02/2022	DLC
Acrylonitrile - BS	EPA-8260	115			50	150	12/02/2022	DLC
Acrylonitrile - BSD	EPA-8260	114	0		50	150	12/02/2022	DLC
Methyl T-Butyl Ether - BS	EPA-8260	101			50	150	12/02/2022	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	98.5	3		50	150	12/02/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	111			50	150	12/02/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	110	1		50	150	12/02/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	108			50	150	12/02/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	107	1		50	150	12/02/2022	DLC
2-Butanone - BS	EPA-8260	121			50	150	12/02/2022	DLC
2-Butanone - BSD	EPA-8260	125	3		50	150	12/02/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	106			50	150	12/02/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	106	1		50	150	12/02/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	127			50	150	12/02/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	124	2		50	150	12/02/2022	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	12/02/2022	DLC
Bromochloromethane - BSD	EPA-8260	99.4	4		50	150	12/02/2022	DLC
Chloroform - BS	EPA-8260	111			50	150	12/02/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV22110164
CLIENT PROJECT:	WA Industries - 015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	110	1		50	150	12/02/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	114			50	150	12/02/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	113	1		50	150	12/02/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	115			50	150	12/02/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	114	1		50	150	12/02/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	106			50	150	12/02/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	105	2		50	150	12/02/2022	DLC
Benzene - BS	EPA-8260	112			74.7	143	12/02/2022	DLC
Benzene - BSD	EPA-8260	111	1		74.7	143	12/02/2022	DLC
Trichloroethene - BS	EPA-8260	116			74.4	141	12/02/2022	DLC
Trichloroethene - BSD	EPA-8260	116	1		74.4	141	12/02/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	107			50	150	12/02/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	106	1		50	150	12/02/2022	DLC
Dibromomethane - BS	EPA-8260	107			50	150	12/02/2022	DLC
Dibromomethane - BSD	EPA-8260	104	2		50	150	12/02/2022	DLC
Bromodichloromethane - BS	EPA-8260	108			50	150	12/02/2022	DLC
Bromodichloromethane - BSD	EPA-8260	107	2		50	150	12/02/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	114			50	150	12/02/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	113	1		50	150	12/02/2022	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	104			50	150	12/02/2022	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	102	1		50	150	12/02/2022	DLC
Toluene - BS	EPA-8260	109			71.7	139	12/02/2022	DLC
Toluene - BSD	EPA-8260	107	1		71.7	139	12/02/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	114			50	150	12/02/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	112	2		50	150	12/02/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	105			50	150	12/02/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	103	2		50	150	12/02/2022	DLC
2-Hexanone - BS	EPA-8260	112			50	150	12/02/2022	DLC
2-Hexanone - BSD	EPA-8260	114	2		50	150	12/02/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	104			50	150	12/02/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	103	1		50	150	12/02/2022	DLC
Tetrachloroethylene - BS	EPA-8260	110			50	150	12/02/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	119	7		50	150	12/02/2022	DLC
Dibromochloromethane - BS	EPA-8260	104			50	150	12/02/2022	DLC
Dibromochloromethane - BSD	EPA-8260	103	1		50	150	12/02/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	109			50	150	12/02/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	107	1		50	150	12/02/2022	DLC
Chlorobenzene - BS	EPA-8260	108			73	131	12/02/2022	DLC
Chlorobenzene - BSD	EPA-8260	108	1		73	131	12/02/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	106			50	150	12/02/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/7/2022
		ALS SDG#:	EV22110164
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	105	1		50	150	12/02/2022	DLC
Ethylbenzene - BS	EPA-8260	111			50	150	12/02/2022	DLC
Ethylbenzene - BSD	EPA-8260	110	1		50	150	12/02/2022	DLC
m,p-Xylene - BS	EPA-8260	110			50	150	12/02/2022	DLC
m,p-Xylene - BSD	EPA-8260	109	1		50	150	12/02/2022	DLC
Styrene - BS	EPA-8260	108			50	150	12/02/2022	DLC
Styrene - BSD	EPA-8260	107	1		50	150	12/02/2022	DLC
o-Xylene - BS	EPA-8260	108			50	150	12/02/2022	DLC
o-Xylene - BSD	EPA-8260	107	1		50	150	12/02/2022	DLC
Bromoform - BS	EPA-8260	104			50	150	12/02/2022	DLC
Bromoform - BSD	EPA-8260	103	1		50	150	12/02/2022	DLC
Isopropylbenzene - BS	EPA-8260	113			50	150	12/02/2022	DLC
Isopropylbenzene - BSD	EPA-8260	112	1		50	150	12/02/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	97.7			50	150	12/02/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	98.4	1		50	150	12/02/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	102			50	150	12/02/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	103	1		50	150	12/02/2022	DLC
Bromobenzene - BS	EPA-8260	107			50	150	12/02/2022	DLC
Bromobenzene - BSD	EPA-8260	110	3		50	150	12/02/2022	DLC
N-Propyl Benzene - BS	EPA-8260	108			50	150	12/02/2022	DLC
N-Propyl Benzene - BSD	EPA-8260	111	2		50	150	12/02/2022	DLC
2-Chlorotoluene - BS	EPA-8260	103			50	150	12/02/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	105	2		50	150	12/02/2022	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	118			50	150	12/02/2022	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	121	3		50	150	12/02/2022	DLC
4-Chlorotoluene - BS	EPA-8260	103			50	150	12/02/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	105	2		50	150	12/02/2022	DLC
T-Butyl Benzene - BS	EPA-8260	111			50	150	12/02/2022	DLC
T-Butyl Benzene - BSD	EPA-8260	114	3		50	150	12/02/2022	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	121			50	150	12/02/2022	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	124	3		50	150	12/02/2022	DLC
S-Butyl Benzene - BS	EPA-8260	109			50	150	12/02/2022	DLC
S-Butyl Benzene - BSD	EPA-8260	112	3		50	150	12/02/2022	DLC
P-Isopropyltoluene - BS	EPA-8260	117			50	150	12/02/2022	DLC
P-Isopropyltoluene - BSD	EPA-8260	120	3		50	150	12/02/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	105			50	150	12/02/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	107	2		50	150	12/02/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	104			50	150	12/02/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	106	2		50	150	12/02/2022	DLC
N-Butylbenzene - BS	EPA-8260	125			50	150	12/02/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
 1180 NW Maple St, Suite 310
 Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

DATE: 12/7/2022
ALS SDG#: EV22110164
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	130	3		50	150	12/02/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	101			50	150	12/02/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	104	2		50	150	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	94.1			50	150	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	96.5	3		50	150	12/02/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	112			50	150	12/02/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	120	6		50	150	12/02/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	112			50	150	12/02/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	119	6		50	150	12/02/2022	DLC
Naphthalene - BS	EPA-8260	107			50	150	12/02/2022	DLC
Naphthalene - BSD	EPA-8260	114	6		50	150	12/02/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	111			50	150	12/02/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	119	7		50	150	12/02/2022	DLC

ALS Test Batch ID: 186791 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	96.1			88.3	110.2	12/02/2022	EBS
Chromium - BSD	EPA-200.8	96.3	0		88.3	110.2	12/02/2022	EBS

APPROVED BY



Laboratory Director



ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

Ev22110164

Date 11/29/22 Page 1 Of 2

PROJECT ID: <u>WA Industries - 015354</u>					ANALYSIS REQUESTED															OTHER (Specify)								
REPORT TO COMPANY: <u>TRC</u>					NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION? Total Chromium Hex Chrome Herbs Pest Semi-Vol VOA Metals Other (Specify) RCRA-8 Pri Pol TAL Pesticides by EPA 8081 Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM Semivolatile Organic Compounds by EPA 8270 EDB / EDC by EPA 8260 (soil) EDB / EDC by EPA 8260 SIM (water) Volatile Organic Compounds by EPA 8260 Halogenated Volatiles by EPA 8260 MTBE by EPA 8021 BTEX by EPA 8021 NWTPH-GX NWTPH-DX NWTPH-HCID																							
PROJECT MANAGER: <u>Mariem Esparra</u>																												
ADDRESS: <u>1180 NW Maple St #310</u>																												
<u>Issaquah, WA 98027</u>																												
PHONE: <u>425-395-0010</u> P.O. #: <u>182187</u>																												
E-MAIL: <u>MEsparra@trccompanies.com, cc: cmoon@11</u>																												
INVOICE TO COMPANY: <u>TRC</u>																												
ATTENTION:																												
ADDRESS:																												
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	MTBE by EPA 8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Pesticides by EPA 8081	Metals Other (Specify)	VOA	Semi-Vol	Pest	Herbs	OTHER (Specify)	NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?
1. <u>MW-1</u>	<u>11/29/22</u>	<u>0850</u>	<u>H₂O</u>	<u>1</u>							X																	3
2. <u>MW-245</u>		<u>0905</u>		<u>2</u>							X																	1
3. <u>MW-85</u>		<u>0915</u>		<u>3</u>							X																	1
4. <u>MW-3</u>		<u>0940</u>		<u>4</u>							X																	1
5. <u>MW-11</u>		<u>1000</u>		<u>5</u>							X																	1
6. <u>MW-265</u>		<u>1040</u>		<u>6</u>							X																	1
7. <u>SBW-3</u>		<u>1040</u>		<u>7</u>							X													X	X			5
8. <u>SBW-2</u>		<u>1150</u>		<u>8</u>							X													X	X			5
9. <u>MW-19</u>		<u>1210</u>		<u>9</u>							X																	3
10. <u>MW-15i</u>		<u>1220</u>		<u>10</u>							X																	3

SPECIAL INSTRUCTIONS 11/30/22 - Madison changed Hvoc to Full Voc. SA

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Jill Windsor, TRC, 11/29/22 1300

Received By: ALS 11-29-22 2:40

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

OTHER:

Specify: _____

*Turnaround request less than standard may incur Rush Charges



ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

Er22110164

Date 11/29/22 Page 2 Of 2

PROJECT ID: WA Industries - 015354					ANALYSIS REQUESTED															OTHER (Specify)				
REPORT TO COMPANY: TRC					NWTPH-HCID NWTPH-DX NWTPH-GX BTEX by EPA 8260 MTBE by EPA 8260 Halogenated Volatiles by EPA 8260 Volatile Organic Compounds by EPA 8260 (HVOCS) EDB / EDC by EPA 8260 SIM (water) EDB / EDC by EPA 8260 (soil) Semivolatile Organic Compounds by EPA 8270 Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM PCB by EPA 8082 Pesticides by EPA 8081 Metals-MTCA-5 RCRA-8 Pri Pol TAL Metals Other (Specify) TCLP-Metals VOA Semi-Vol Pest Herbs																			
PROJECT MANAGER: Mariem Esparra																								
ADDRESS: 1180 NW Maple St # 310																								
Issaquah, WA 98027																								
PHONE: 425-395-0010 P.O. #:																								
E-MAIL: MESparrar@trccompanies.com, cc: c.moore@trc																								
INVOICE TO COMPANY: TRC																								
ATTENTION:																								
ADDRESS:																								
SAMPLE I.D.					DATE					TIME					TYPE					LAB#				
1. MW-155					11/29/22					1225					H ₂ O					11				
2. DUP-01					↓					-					↓					12				
3.																								
4.																								
5.																								
6.																								
7.																								
8.																								
9.																								
10.																								

SPECIAL INSTRUCTIONS 11/30/22 - Madison changed HVOCS to full VOCs

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Jill Windsor, TRC, 11/29/22 1300
Received By: Aly ALS 11-29-22 2:40
- Relinquished By: _____
Received By: _____

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis OTHER:

10	5	3	2	1	SAME DAY
Standard					
Fuels & Hydrocarbon Analysis					
5	3	1	SAME DAY		
Standard					

Specify: _____

*Turnaround request less than standard may incur Rush Charges



December 15, 2022

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On December 1st, 2 samples were received by our laboratory and assigned our laboratory project number EV22120006. The project was identified as your WA Industries - 015354. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/14/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22120006
	Issaquah, WA 98027	ALS SAMPLE#:	EV22120006-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 2:20:00 PM
CLIENT SAMPLE ID	MW-7ir	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Vinyl Chloride	EPA-8260	0.28	0.20	1	UG/L	12/07/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/14/2022
1180 NW Maple St, Suite 310 ALS JOB#: EV22120006
Issaquah, WA 98027 ALS SAMPLE#: EV22120006-01
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 12/01/2022
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 11/29/2022 2:20:00 PM
CLIENT SAMPLE ID MW-7ir WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/07/2022	DLC
Toluene-d8	EPA-8260	102	12/07/2022	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/14/2022
	1180 NW Maple St, Suite 310	ALS JOB#:	EV22120006
	Issaquah, WA 98027	ALS SAMPLE#:	EV22120006-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 2:25:00 PM
CLIENT SAMPLE ID	MW-7s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Vinyl Chloride	EPA-8260	12	0.20	1	UG/L	12/07/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2022	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.6	2.0	1	UG/L	12/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/14/2022
		ALS JOB#:	EV22120006
		ALS SAMPLE#:	EV22120006-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2022
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	11/29/2022 2:25:00 PM
CLIENT SAMPLE ID	MW-7s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2022	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	12/07/2022	DLC
Toluene-d8	EPA-8260	100	12/07/2022	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

DATE: 12/14/2022
ALS SDG#: EV22120006
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-120622W - Batch 187214 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	12/07/2022	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Acetone	EPA-8260	U	UG/L	25	12/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	12/07/2022	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	12/07/2022	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
2-Butanone	EPA-8260	U	UG/L	10	12/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Chloroform	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Benzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	12/07/2022	DLC
Toluene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
2-Hexanone	EPA-8260	U	UG/L	10	12/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	12/07/2022	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

DATE: 12/14/2022
ALS SDG#: EV22120006
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-120622W - Batch 187214 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	12/07/2022	DLC
Styrene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Bromoform	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	12/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 12/14/2022
ALS SDG#: EV22120006
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 187214 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	158		S	50	150	12/07/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	143	10		50	150	12/07/2022	DLC
Chloromethane - BS	EPA-8260	110			50	150	12/07/2022	DLC
Chloromethane - BSD	EPA-8260	102	7		50	150	12/07/2022	DLC
Vinyl Chloride - BS	EPA-8260	116			50	150	12/07/2022	DLC
Vinyl Chloride - BSD	EPA-8260	110	5		50	150	12/07/2022	DLC
Bromomethane - BS	EPA-8260	109			50	150	12/07/2022	DLC
Bromomethane - BSD	EPA-8260	109	0		50	150	12/07/2022	DLC
Chloroethane - BS	EPA-8260	114			50	150	12/07/2022	DLC
Chloroethane - BSD	EPA-8260	109	4		50	150	12/07/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	121			50	150	12/07/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	116	5		50	150	12/07/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	126			50	150	12/07/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	119	6		50	150	12/07/2022	DLC
Carbon Disulfide - BS	EPA-8260	111			50	150	12/07/2022	DLC
Carbon Disulfide - BSD	EPA-8260	107	4		50	150	12/07/2022	DLC
Acetone - BS	EPA-8260	124			50	150	12/07/2022	DLC
Acetone - BSD	EPA-8260	111	11		50	150	12/07/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	112			72.5	136	12/07/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	107	5		72.5	136	12/07/2022	DLC
Methylene Chloride - BS	EPA-8260	108			50	150	12/07/2022	DLC
Methylene Chloride - BSD	EPA-8260	106	2		50	150	12/07/2022	DLC
Acrylonitrile - BS	EPA-8260	116			50	150	12/07/2022	DLC
Acrylonitrile - BSD	EPA-8260	111	5		50	150	12/07/2022	DLC
Methyl T-Butyl Ether - BS	EPA-8260	108			50	150	12/07/2022	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	107	1		50	150	12/07/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	113			50	150	12/07/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	109	3		50	150	12/07/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	111			50	150	12/07/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	108	3		50	150	12/07/2022	DLC
2-Butanone - BS	EPA-8260	109			50	150	12/07/2022	DLC
2-Butanone - BSD	EPA-8260	102	7		50	150	12/07/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	110			50	150	12/07/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	107	3		50	150	12/07/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	111			50	150	12/07/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	105	5		50	150	12/07/2022	DLC
Bromochloromethane - BS	EPA-8260	101			50	150	12/07/2022	DLC
Bromochloromethane - BSD	EPA-8260	98.5	2		50	150	12/07/2022	DLC
Chloroform - BS	EPA-8260	101			50	150	12/07/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/14/2022
		ALS SDG#:	EV22120006
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	98.4	3		50	150	12/07/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	114			50	150	12/07/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	109	4		50	150	12/07/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	115			50	150	12/07/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	110	4		50	150	12/07/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	102			50	150	12/07/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	101	2		50	150	12/07/2022	DLC
Benzene - BS	EPA-8260	105			74.7	143	12/07/2022	DLC
Benzene - BSD	EPA-8260	103	3		74.7	143	12/07/2022	DLC
Trichloroethene - BS	EPA-8260	109			74.4	141	12/07/2022	DLC
Trichloroethene - BSD	EPA-8260	106	3		74.4	141	12/07/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	105			50	150	12/07/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	103	2		50	150	12/07/2022	DLC
Dibromomethane - BS	EPA-8260	108			50	150	12/07/2022	DLC
Dibromomethane - BSD	EPA-8260	107	1		50	150	12/07/2022	DLC
Bromodichloromethane - BS	EPA-8260	109			50	150	12/07/2022	DLC
Bromodichloromethane - BSD	EPA-8260	107	2		50	150	12/07/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	102			50	150	12/07/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	101	1		50	150	12/07/2022	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	100			50	150	12/07/2022	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	99.6	1		50	150	12/07/2022	DLC
Toluene - BS	EPA-8260	112			71.7	139	12/07/2022	DLC
Toluene - BSD	EPA-8260	109	2		71.7	139	12/07/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	102			50	150	12/07/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	99.8	2		50	150	12/07/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	106			50	150	12/07/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	105	1		50	150	12/07/2022	DLC
2-Hexanone - BS	EPA-8260	107			50	150	12/07/2022	DLC
2-Hexanone - BSD	EPA-8260	102	5		50	150	12/07/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	108			50	150	12/07/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	107	1		50	150	12/07/2022	DLC
Tetrachloroethylene - BS	EPA-8260	112			50	150	12/07/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	109	2		50	150	12/07/2022	DLC
Dibromochloromethane - BS	EPA-8260	112			50	150	12/07/2022	DLC
Dibromochloromethane - BSD	EPA-8260	111	1		50	150	12/07/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	115			50	150	12/07/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	114	1		50	150	12/07/2022	DLC
Chlorobenzene - BS	EPA-8260	110			73	131	12/07/2022	DLC
Chlorobenzene - BSD	EPA-8260	108	3		73	131	12/07/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	110			50	150	12/07/2022	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/14/2022
		ALS SDG#:	EV22120006
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	109	1		50	150	12/07/2022	DLC
Ethylbenzene - BS	EPA-8260	113			50	150	12/07/2022	DLC
Ethylbenzene - BSD	EPA-8260	110	3		50	150	12/07/2022	DLC
m,p-Xylene - BS	EPA-8260	112			50	150	12/07/2022	DLC
m,p-Xylene - BSD	EPA-8260	109	3		50	150	12/07/2022	DLC
Styrene - BS	EPA-8260	116			50	150	12/07/2022	DLC
Styrene - BSD	EPA-8260	114	2		50	150	12/07/2022	DLC
o-Xylene - BS	EPA-8260	111			50	150	12/07/2022	DLC
o-Xylene - BSD	EPA-8260	109	2		50	150	12/07/2022	DLC
Bromoform - BS	EPA-8260	112			50	150	12/07/2022	DLC
Bromoform - BSD	EPA-8260	112	0		50	150	12/07/2022	DLC
Isopropylbenzene - BS	EPA-8260	113			50	150	12/07/2022	DLC
Isopropylbenzene - BSD	EPA-8260	110	2		50	150	12/07/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	102			50	150	12/07/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	102	0		50	150	12/07/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	100			50	150	12/07/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	101	1		50	150	12/07/2022	DLC
Bromobenzene - BS	EPA-8260	104			50	150	12/07/2022	DLC
Bromobenzene - BSD	EPA-8260	104	0		50	150	12/07/2022	DLC
N-Propyl Benzene - BS	EPA-8260	108			50	150	12/07/2022	DLC
N-Propyl Benzene - BSD	EPA-8260	106	2		50	150	12/07/2022	DLC
2-Chlorotoluene - BS	EPA-8260	106			50	150	12/07/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	105	1		50	150	12/07/2022	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	113			50	150	12/07/2022	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	112	1		50	150	12/07/2022	DLC
4-Chlorotoluene - BS	EPA-8260	107			50	150	12/07/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	106	1		50	150	12/07/2022	DLC
T-Butyl Benzene - BS	EPA-8260	104			50	150	12/07/2022	DLC
T-Butyl Benzene - BSD	EPA-8260	103	1		50	150	12/07/2022	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	114			50	150	12/07/2022	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	114	0		50	150	12/07/2022	DLC
S-Butyl Benzene - BS	EPA-8260	109			50	150	12/07/2022	DLC
S-Butyl Benzene - BSD	EPA-8260	108	1		50	150	12/07/2022	DLC
P-Isopropyltoluene - BS	EPA-8260	111			50	150	12/07/2022	DLC
P-Isopropyltoluene - BSD	EPA-8260	111	0		50	150	12/07/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	108			50	150	12/07/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	108	1		50	150	12/07/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	108			50	150	12/07/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	108	0		50	150	12/07/2022	DLC
N-Butylbenzene - BS	EPA-8260	111			50	150	12/07/2022	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/14/2022
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV22120006
CLIENT PROJECT:	WA Industries - 015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	114	2		50	150	12/07/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	106			50	150	12/07/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	106	0		50	150	12/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	104			50	150	12/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	105	1		50	150	12/07/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	86.1			50	150	12/07/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	96.0	11		50	150	12/07/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	106			50	150	12/07/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	112	5		50	150	12/07/2022	DLC
Naphthalene - BS	EPA-8260	93.5			50	150	12/07/2022	DLC
Naphthalene - BSD	EPA-8260	102	9		50	150	12/07/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	86.5			50	150	12/07/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	97.3	12		50	150	12/07/2022	DLC

S - Outside of control limits.

APPROVED BY



Laboratory Director



July 17, 2023

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On July 6th, 4 samples were received by our laboratory and assigned our laboratory project number EV23070015. The project was identified as your 015354. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	7/17/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070015
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070015-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/06/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/5/2023 2:40:00 PM
CLIENT SAMPLE ID	MW-5s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Vinyl Chloride	EPA-8260	0.25	0.20	1	UG/L	07/12/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/12/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichloroethene	EPA-8260	2.2	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/12/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	7/17/2023
		ALS JOB#:	EV23070015
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070015-01
CLIENT PROJECT:	015354	DATE RECEIVED:	07/06/2023
CLIENT SAMPLE ID	MW-5s	COLLECTION DATE:	7/5/2023 2:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/12/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	07/06/2023	MJC
Chromium	EPA-200.8	6.2	2.0	1	UG/L	07/10/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.1	07/12/2023	DLC
4-Bromofluorobenzene	EPA-8260	90.2	07/12/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 7/17/2023
ALS JOB#: EV23070015
ALS SAMPLE#: EV23070015-02
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/06/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/5/2023 3:25:00 PM
CLIENT SAMPLE ID: MW-20s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Vinyl Chloride	EPA-8260	2.2	0.20	1	UG/L	07/12/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/12/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/12/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	7/17/2023
		ALS JOB#:	EV23070015
		ALS SAMPLE#:	EV23070015-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/06/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/5/2023 3:25:00 PM
CLIENT SAMPLE ID	MW-20s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/12/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	07/06/2023	MJC
Chromium	EPA-200.8	7.8	2.0	1	UG/L	07/10/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.8	07/12/2023	DLC
4-Bromofluorobenzene	EPA-8260	91.5	07/12/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 7/17/2023
ALS JOB#: EV23070015
ALS SAMPLE#: EV23070015-03
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/06/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/6/2023 10:15:00 AM
CLIENT SAMPLE ID: SBW-2
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Vinyl Chloride	EPA-8260	12	0.20	1	UG/L	07/12/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/12/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	160	20	10	UG/L	07/13/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichloroethene	EPA-8260	120	20	10	UG/L	07/13/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/12/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	7/17/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070015
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070015-03
CLIENT SAMPLE ID	SBW-2	DATE RECEIVED:	07/06/2023
		COLLECTION DATE:	7/6/2023 10:15:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/12/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	07/06/2023	MJC
Chromium	EPA-200.8	16	2.0	1	UG/L	07/10/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	07/12/2023	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	90.3	07/13/2023	DLC
4-Bromofluorobenzene	EPA-8260	91.3	07/12/2023	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	89.9	07/13/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 7/17/2023

ALS JOB#: EV23070015

ALS SAMPLE#: EV23070015-04

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/06/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/6/2023

CLIENT SAMPLE ID: DUP-1

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Vinyl Chloride	EPA-8260	15	0.20	1	UG/L	07/12/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/12/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	150	20	10	UG/L	07/13/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trichloroethene	EPA-8260	120	20	10	UG/L	07/13/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/12/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	7/17/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070015
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070015-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/06/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/6/2023
CLIENT SAMPLE ID	DUP-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/12/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/12/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	87.7	07/12/2023	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	90.1	07/13/2023	DLC
4-Bromofluorobenzene	EPA-8260	90.4	07/12/2023	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	90.7	07/13/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

DATE: 7/17/2023
ALS SDG#: EV23070015
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-071223W - Batch 197629 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	07/12/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	07/12/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	07/12/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Bromoform	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	7/17/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23070015
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MB-071223W - Batch 197629 - Water by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	07/12/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	07/12/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R440696 - Batch R440696 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	07/06/2023	MJC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070923W - Batch 197373 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	07/10/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

DATE: 7/17/2023
ALS SDG#: EV23070015
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 197629 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	144			50	150	07/12/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	153	6	SQ1	50	150	07/12/2023	DLC
Chloromethane - BS	EPA-8260	213		SQ1	50	150	07/12/2023	DLC
Chloromethane - BSD	EPA-8260	188	12	SQ1	50	150	07/12/2023	DLC
Vinyl Chloride - BS	EPA-8260	79.2			50	150	07/12/2023	DLC
Vinyl Chloride - BSD	EPA-8260	75.9	4		50	150	07/12/2023	DLC
Bromomethane - BS	EPA-8260	107			50	150	07/12/2023	DLC
Bromomethane - BSD	EPA-8260	111	4		50	150	07/12/2023	DLC
Chloroethane - BS	EPA-8260	109			50	150	07/12/2023	DLC
Chloroethane - BSD	EPA-8260	105	4		50	150	07/12/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	97.2			50	150	07/12/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	94.0	3		50	150	07/12/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	107			50	150	07/12/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	105	1		50	150	07/12/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	103			72.5	136	07/12/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	100	2		72.5	136	07/12/2023	DLC
Methylene Chloride - BS	EPA-8260	94.8			50	150	07/12/2023	DLC
Methylene Chloride - BSD	EPA-8260	96.1	1		50	150	07/12/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	104			50	150	07/12/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	101	4		50	150	07/12/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	102			50	150	07/12/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	97.8	4		50	150	07/12/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	104			50	150	07/12/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	99.8	4		50	150	07/12/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	108			50	150	07/12/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	102	6		50	150	07/12/2023	DLC
Bromochloromethane - BS	EPA-8260	107			50	150	07/12/2023	DLC
Bromochloromethane - BSD	EPA-8260	104	3		50	150	07/12/2023	DLC
Chloroform - BS	EPA-8260	100			50	150	07/12/2023	DLC
Chloroform - BSD	EPA-8260	96.1	4		50	150	07/12/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	99.5			50	150	07/12/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	96.4	3		50	150	07/12/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	102			50	150	07/12/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	99.0	3		50	150	07/12/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	96.0			50	150	07/12/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	93.4	3		50	150	07/12/2023	DLC
Trichloroethene - BS	EPA-8260	99.6			74.4	141	07/12/2023	DLC
Trichloroethene - BSD	EPA-8260	96.1	3		74.4	141	07/12/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	98.4			50	150	07/12/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 7/17/2023
ALS SDG#: EV23070015
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichloropropane - BSD	EPA-8260	95.4	3		50	150	07/12/2023	DLC
Dibromomethane - BS	EPA-8260	95.8			50	150	07/12/2023	DLC
Dibromomethane - BSD	EPA-8260	93.3	3		50	150	07/12/2023	DLC
Bromodichloromethane - BS	EPA-8260	96.5			50	150	07/12/2023	DLC
Bromodichloromethane - BSD	EPA-8260	93.4	3		50	150	07/12/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	106			50	150	07/12/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	103	3		50	150	07/12/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	106			50	150	07/12/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	102	4		50	150	07/12/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	103			50	150	07/12/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	101	2		50	150	07/12/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	102			50	150	07/12/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	99.6	2		50	150	07/12/2023	DLC
Tetrachloroethylene - BS	EPA-8260	111			50	150	07/12/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	107	4		50	150	07/12/2023	DLC
Dibromochloromethane - BS	EPA-8260	112			50	150	07/12/2023	DLC
Dibromochloromethane - BSD	EPA-8260	109	3		50	150	07/12/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	106			50	150	07/12/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	104	2		50	150	07/12/2023	DLC
Chlorobenzene - BS	EPA-8260	109			73	131	07/12/2023	DLC
Chlorobenzene - BSD	EPA-8260	105	4		73	131	07/12/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	110			50	150	07/12/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	106	3		50	150	07/12/2023	DLC
Bromoform - BS	EPA-8260	111			50	150	07/12/2023	DLC
Bromoform - BSD	EPA-8260	108	3		50	150	07/12/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	101			50	150	07/12/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	101	0		50	150	07/12/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	96.4			50	150	07/12/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	95.9	1		50	150	07/12/2023	DLC
Bromobenzene - BS	EPA-8260	103			50	150	07/12/2023	DLC
Bromobenzene - BSD	EPA-8260	101	2		50	150	07/12/2023	DLC
2-Chlorotoluene - BS	EPA-8260	91.8			50	150	07/12/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	90.8	1		50	150	07/12/2023	DLC
4-Chlorotoluene - BS	EPA-8260	96.0			50	150	07/12/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	94.9	1		50	150	07/12/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	107			50	150	07/12/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	106	1		50	150	07/12/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	107			50	150	07/12/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	105	2		50	150	07/12/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	105			50	150	07/12/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	7/17/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23070015
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	103	2		50	150	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	100			50	150	07/12/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	95.9	4		50	150	07/12/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	124			50	150	07/12/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	121	2		50	150	07/12/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	111			50	150	07/12/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	105	6		50	150	07/12/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	123			50	150	07/12/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	121	1		50	150	07/12/2023	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

ALS Test Batch ID: R440696 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	102			90	114	07/06/2023	MJC
Chromium (VI) - BSD	EPA-7196	102	0		90	114	07/06/2023	MJC

ALS Test Batch ID: 197373 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	98.9			88.3	110.2	07/10/2023	RAL
Chromium - BSD	EPA-200.8	101	2		88.3	110.2	07/10/2023	RAL

APPROVED BY



Rob Greer
Laboratory Director



ALS Job# (Laboratory Use Only)

EV23070015

Date 2023.07.05 Page 1 Of

[illegible]

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Me [Signature] TRC 2023.07.06 1105

Received By: AFRESE, AS, 07-06-23 @1105

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED in Business Days*

OTHER:

Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAM DA

Fuels & Hydrocarbon Analysis

5 3 1

Specify: _____

*Turnaround request less than standard may incur Rush Charges



August 1, 2023

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On July 7th, 22 samples were received by our laboratory and assigned our laboratory project number EV23070031. The project was identified as your 015354. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/1/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070031
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070031-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/6/2023 11:40:00 AM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-01
CLIENT SAMPLE ID	MW-4	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 11:40:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.8	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.5	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/1/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070031
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070031-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/6/2023 11:50:00 AM
CLIENT SAMPLE ID	SBW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	0.22	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-02
CLIENT SAMPLE ID	SBW-1	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 11:50:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.5	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.0	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/1/2023

ALS JOB#: EV23070031

ALS SAMPLE#: EV23070031-03

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/07/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/6/2023 1:25:00 PM

CLIENT SAMPLE ID MW-27s

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-03
CLIENT SAMPLE ID	MW-27s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 1:25:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.0	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.5	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/1/2023

ALS JOB#: EV23070031

ALS SAMPLE#: EV23070031-04

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/07/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/6/2023 1:40:00 PM

CLIENT SAMPLE ID MW-28s

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-04
CLIENT SAMPLE ID	MW-28s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 1:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.8	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.2	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/1/2023

ALS JOB#: EV23070031

ALS SAMPLE#: EV23070031-05

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/07/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/6/2023 1:50:00 PM

CLIENT SAMPLE ID MW-11

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-05
CLIENT SAMPLE ID	MW-11	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 1:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.8	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.0	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-06
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/6/2023 2:05:00 PM
CLIENT SAMPLE ID: MW-26s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	1.0	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	12	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-06
CLIENT SAMPLE ID	MW-26s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 2:05:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.9	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.8	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/1/2023

ALS JOB#: EV23070031

ALS SAMPLE#: EV23070031-07

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/07/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/6/2023 2:10:00 PM

CLIENT SAMPLE ID MW-10s

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	0.50	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-07
CLIENT SAMPLE ID	MW-10s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 2:10:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.5	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.2	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-08
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-15s	COLLECTION DATE:	7/6/2023 3:15:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	2.8	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-08
CLIENT SAMPLE ID	MW-15s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 3:15:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.8	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.8	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-09
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/6/2023 3:25:00 PM
CLIENT SAMPLE ID: MW-15i
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	1.1	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-09
CLIENT SAMPLE ID	MW-15i	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 3:25:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.9	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.4	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-10
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/6/2023 3:35:00 PM
CLIENT SAMPLE ID: MW-19-20230706
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	3.0	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-10
CLIENT SAMPLE ID	MW-19-20230706	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 3:35:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.7	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.8	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-11
CLIENT SAMPLE ID	MW-18-20230706	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 3:55:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	6.7	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.4	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-11
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-18-20230706	COLLECTION DATE:	7/6/2023 3:55:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.4	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	91.8	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/1/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070031
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070031-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/6/2023 11:05:00 AM
CLIENT SAMPLE ID	MW-8s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Vinyl Chloride	EPA-8260	4.9	0.20	1	UG/L	07/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
		ALS SAMPLE#:	EV23070031-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/6/2023 11:05:00 AM
CLIENT SAMPLE ID	MW-8s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.1	07/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	91.6	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-13
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/6/2023 9:20:00 AM
CLIENT SAMPLE ID: MW-3
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	1.1	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-13
CLIENT SAMPLE ID	MW-3	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/6/2023 9:20:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.7	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	91.6	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/1/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070031
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070031-14
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/7/2023 8:50:00 AM
CLIENT SAMPLE ID	SMW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	13	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	24	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-14
CLIENT SAMPLE ID	SMW-3	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/7/2023 8:50:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chromium (VI)	EPA-7196	140	10	1	UG/L	07/07/2023	RAL
Chromium	EPA-200.8	150	2.0	1	UG/L	07/10/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.6	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.7	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
		ALS SAMPLE#:	EV23070031-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/7/2023 10:20:00 AM
CLIENT SAMPLE ID	MW-19-20230707	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	10	1	UG/L	07/07/2023	RAL
Chromium	EPA-200.8	6.9	2.0	1	UG/L	07/10/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
		ALS SAMPLE#:	EV23070031-16
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/7/2023 10:25:00 AM
CLIENT SAMPLE ID	MW-18-20230707	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	10	1	UG/L	07/07/2023	RAL
Chromium	EPA-200.8	160	2.0	1	UG/L	07/10/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-17
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/7/2023 10:40:00 AM
CLIENT SAMPLE ID: MW-24s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	0.61	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	4.9	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-17
CLIENT SAMPLE ID	MW-24s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/7/2023 10:40:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.1	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.4	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-18
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-7ir	COLLECTION DATE:	7/7/2023 10:50:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	0.28	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-18
CLIENT SAMPLE ID	MW-7ir	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/7/2023 10:50:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	92.0	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.4	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-19
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-7s	COLLECTION DATE:	7/7/2023 10:55:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	7.0	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-19
CLIENT SAMPLE ID	MW-7s	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/7/2023 10:55:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.5	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.2	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 8/1/2023

ALS JOB#: EV23070031

ALS SAMPLE#: EV23070031-20

CLIENT CONTACT: Mariem Esparra

DATE RECEIVED: 07/07/2023

CLIENT PROJECT: 015354

COLLECTION DATE: 7/7/2023

CLIENT SAMPLE ID DUP-2

WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	13	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	25	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/1/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23070031
	Issaquah, WA 98027	ALS SAMPLE#:	EV23070031-20
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	07/07/2023
CLIENT PROJECT:	015354	COLLECTION DATE:	7/7/2023
CLIENT SAMPLE ID	DUP-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	91.1	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.4	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/1/2023
ALS JOB#: EV23070031
ALS SAMPLE#: EV23070031-21
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 07/07/2023
CLIENT PROJECT: 015354
COLLECTION DATE: 7/7/2023 9:50:00 AM
CLIENT SAMPLE ID: MW-14
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-21
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-14	COLLECTION DATE:	7/7/2023 9:50:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chromium (VI)	EPA-7196	33	10	1	UG/L	07/07/2023	RAL
Chromium	EPA-200.8	42	2.0	1	UG/L	07/10/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	92.2	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	92.6	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
		ALS JOB#:	EV23070031
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23070031-22
CLIENT PROJECT:	015354	DATE RECEIVED:	07/07/2023
CLIENT SAMPLE ID	MW-1S	COLLECTION DATE:	7/7/2023 12:15:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Vinyl Chloride	EPA-8260	3.2	0.20	1	UG/L	07/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	07/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trichloroethene	EPA-8260	28	2.0	1	UG/L	07/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	07/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23070031
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV23070031-22
CLIENT SAMPLE ID	MW-1S	DATE RECEIVED:	07/07/2023
		COLLECTION DATE:	7/7/2023 12:15:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	07/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	07/15/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	90.5	07/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	93.5	07/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

DATE: 8/1/2023
ALS SDG#: EV23070031
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-071423W - Batch 197669 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	07/14/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	07/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	07/14/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Bromoform	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23070031
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MB-071423W - Batch 197669 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	07/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	07/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R441519 - Batch R441519 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	07/07/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070923W - Batch 197373 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	07/10/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

DATE: 8/1/2023
ALS SDG#: EV23070031
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 197669 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	139			50	150	07/14/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	136	2		50	150	07/14/2023	DLC
Chloromethane - BS	EPA-8260	161		SQL	50	150	07/14/2023	DLC
Chloromethane - BSD	EPA-8260	148	8		50	150	07/14/2023	DLC
Vinyl Chloride - BS	EPA-8260	90.6			50	150	07/14/2023	DLC
Vinyl Chloride - BSD	EPA-8260	82.5	9		50	150	07/14/2023	DLC
Bromomethane - BS	EPA-8260	153		SQL	50	150	07/14/2023	DLC
Bromomethane - BSD	EPA-8260	146	5		50	150	07/14/2023	DLC
Chloroethane - BS	EPA-8260	104			50	150	07/14/2023	DLC
Chloroethane - BSD	EPA-8260	97.3	7		50	150	07/14/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	97.1			50	150	07/14/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	91.0	6		50	150	07/14/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	109			50	150	07/14/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	105	3		50	150	07/14/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	103			72.5	136	07/14/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	97.3	6		72.5	136	07/14/2023	DLC
Methylene Chloride - BS	EPA-8260	84.2			50	150	07/14/2023	DLC
Methylene Chloride - BSD	EPA-8260	81.5	3		50	150	07/14/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	103			50	150	07/14/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	95.4	7		50	150	07/14/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	99.1			50	150	07/14/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	89.3	10		50	150	07/14/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	101			50	150	07/14/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	93.7	7		50	150	07/14/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	108			50	150	07/14/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	98.3	9		50	150	07/14/2023	DLC
Bromochloromethane - BS	EPA-8260	105			50	150	07/14/2023	DLC
Bromochloromethane - BSD	EPA-8260	97.7	7		50	150	07/14/2023	DLC
Chloroform - BS	EPA-8260	97.1			50	150	07/14/2023	DLC
Chloroform - BSD	EPA-8260	88.9	9		50	150	07/14/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	101			50	150	07/14/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	93.6	7		50	150	07/14/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	102			50	150	07/14/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	95.7	7		50	150	07/14/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	93.4			50	150	07/14/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	87.9	6		50	150	07/14/2023	DLC
Trichloroethene - BS	EPA-8260	99.2			74.4	141	07/14/2023	DLC
Trichloroethene - BSD	EPA-8260	92.0	8		74.4	141	07/14/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	95.7			50	150	07/14/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354

DATE: 8/1/2023
ALS SDG#: EV23070031
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichloropropane - BSD	EPA-8260	88.9	7		50	150	07/14/2023	DLC
Dibromomethane - BS	EPA-8260	92.2			50	150	07/14/2023	DLC
Dibromomethane - BSD	EPA-8260	87.1	6		50	150	07/14/2023	DLC
Bromodichloromethane - BS	EPA-8260	92.3			50	150	07/14/2023	DLC
Bromodichloromethane - BSD	EPA-8260	86.2	7		50	150	07/14/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	98.2			50	150	07/14/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	93.0	5		50	150	07/14/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	99.4			50	150	07/14/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	92.4	7		50	150	07/14/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	101			50	150	07/14/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	96.3	5		50	150	07/14/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	98.7			50	150	07/14/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	94.4	4		50	150	07/14/2023	DLC
Tetrachloroethylene - BS	EPA-8260	107			50	150	07/14/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	101	5		50	150	07/14/2023	DLC
Dibromochloromethane - BS	EPA-8260	105			50	150	07/14/2023	DLC
Dibromochloromethane - BSD	EPA-8260	99.7	5		50	150	07/14/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	101			50	150	07/14/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	96.7	4		50	150	07/14/2023	DLC
Chlorobenzene - BS	EPA-8260	107			73	131	07/14/2023	DLC
Chlorobenzene - BSD	EPA-8260	100	7		73	131	07/14/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	105			50	150	07/14/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	99.5	6		50	150	07/14/2023	DLC
Bromoform - BS	EPA-8260	101			50	150	07/14/2023	DLC
Bromoform - BSD	EPA-8260	97.1	4		50	150	07/14/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	100			50	150	07/14/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	97.2	3		50	150	07/14/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	96.9			50	150	07/14/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	93.7	3		50	150	07/14/2023	DLC
Bromobenzene - BS	EPA-8260	101			50	150	07/14/2023	DLC
Bromobenzene - BSD	EPA-8260	97.1	4		50	150	07/14/2023	DLC
2-Chlorotoluene - BS	EPA-8260	92.9			50	150	07/14/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	87.5	6		50	150	07/14/2023	DLC
4-Chlorotoluene - BS	EPA-8260	96.0			50	150	07/14/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	90.7	6		50	150	07/14/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	105			50	150	07/14/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	100	5		50	150	07/14/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	105			50	150	07/14/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	100	5		50	150	07/14/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	103			50	150	07/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/1/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23070031
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	98.7	4		50	150	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	90.9			50	150	07/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	89.3	2		50	150	07/14/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	114			50	150	07/14/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	110	3		50	150	07/14/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	105			50	150	07/14/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	103	2		50	150	07/14/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	115			50	150	07/14/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	111	3		50	150	07/14/2023	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

ALS Test Batch ID: R441519 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	97.0			90	114	07/07/2023	RAL
Chromium (VI) - BSD	EPA-7196	102	5		90	114	07/07/2023	RAL

ALS Test Batch ID: 197373 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	98.9			88.3	110.2	07/10/2023	RAL
Chromium - BSD	EPA-200.8	101	2		88.3	110.2	07/10/2023	RAL

APPROVED BY



Rob Greer
Laboratory Director



ALS Job# (Laboratory Use Only)

EV2307003

Date 26.07.06 Page 1 Of 3

[illegible]

SIGNATURES (Name, Company, Date, Time):

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis	OTHER:

Fuels & Hydrocarbon Analysis

Specify: _____

*Turnaround request less than standard may incur Rush Charges



ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV23070031

Date 2023.07.06 Page 2 Of 3

PROJECT ID: 015354					ANALYSIS REQUESTED															OTHER (Specify)						
REPORT TO COMPANY: TRC																										
PROJECT MANAGER: Mariem Esparra																										
ADDRESS: 1180 NW Maple St, Suite 310 Issaquah, WA 98027																										
PHONE: 425-395-0010 P.O. #: 201862																										
E-MAIL: mesparra@trccompanies.com, c.l.moon@ "																										
INVOICE TO COMPANY:																										
ATTENTION:																										
ADDRESS:																										
SAMPLE I.D.					DATE					TIME					TYPE					LAB#						
1. MW-18-20230706					2023.07.06					1555					H2O					11						
2. MW-65					↓					1105										12						
3. MW-3					2023.07.06					0920										13						
4. SMW-3					2023.07.07					0850										14						
5. MW-19-20230707					↓					1020										15						
6. MW-18-20230707					↓					1025										16						
7. MW-2 ^{MT} 45					↓					1040										17						
8. MW-7ir					↓					1050										18						
9. MW-7s					↓					1055										19						
10. DUP-2					2023.07.07					—					H2O					20						

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Steph H. Net TRC 7/7/23 1250

Received By: APREESE, ALS, 07-07-23 @1250

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis OTHER:

Standard 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

Standard 5 3 1 SAME DAY

Specify: _____

*Turnaround request less than standard may incur Rush Charges



ALS Job# (Laboratory Use Only)

EV2307003

Date 6/7/23 Page 3 Of 3

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. MW-14	2023.07.07	0950	H ₂ O	21
2. MW-1S	2023.07.07	1215	H ₂ O	22
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

SIGNATURES (Name, Company, Date, Time):

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Stephen Hilbert TRC 7/7/23 12:50

Received By: AFREESE, AUS, 07-07-23 @1250

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis OTHER:

Fuels & Hydrocarbon Analysis

Specify: _____

*Turnaround request less than standard may incur Rush Charges



October 16, 2023

Ms. Mariem Esparra
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Ms. Esparra,

On October 4th, 6 samples were received by our laboratory and assigned our laboratory project number EV23100021. The project was identified as your WA Industries - 015354. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 10/16/2023
1180 NW Maple St, Suite 310 ALS JOB#: EV23100021
Issaquah, WA 98027 ALS SAMPLE#: EV23100021-01
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 10/04/2023
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 10/4/2023 8:45:00 AM
CLIENT SAMPLE ID MW-3 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Vinyl Chloride	EPA-8260	0.68	0.20	1	UG/L	10/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	3.6	2.0	1	UG/L	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichloroethene	EPA-8260	27	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	10/16/2023
	1180 NW Maple St, Suite 310	ALS JOB#:	EV23100021
	Issaquah, WA 98027	ALS SAMPLE#:	EV23100021-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	10/04/2023
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	10/4/2023 8:45:00 AM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	10/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	112	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 10/16/2023
ALS JOB#: EV23100021
ALS SAMPLE#: EV23100021-02
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 10/04/2023
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 10/4/2023 8:50:00 AM
CLIENT SAMPLE ID: MW-7S
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Vinyl Chloride	EPA-8260	5.4	0.20	1	UG/L	10/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.5	2.0	1	UG/L	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS JOB#:	EV23100021
		ALS SAMPLE#:	EV23100021-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	10/04/2023
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	10/4/2023 8:50:00 AM
CLIENT SAMPLE ID	MW-7S	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	10/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	107	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 10/16/2023
ALS JOB#: EV23100021
ALS SAMPLE#: EV23100021-03
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 10/04/2023
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 10/4/2023 9:00:00 AM
CLIENT SAMPLE ID: MW-24S
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Vinyl Chloride	EPA-8260	1.1	0.20	1	UG/L	10/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	5.1	2.0	1	UG/L	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV23100021
CLIENT PROJECT:	WA Industries - 015354	ALS SAMPLE#:	EV23100021-03
CLIENT SAMPLE ID	MW-24S	DATE RECEIVED:	10/04/2023
		COLLECTION DATE:	10/4/2023 9:00:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	10/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	107	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 10/16/2023
ALS JOB#: EV23100021
ALS SAMPLE#: EV23100021-04
CLIENT CONTACT: Mariem Esparra
DATE RECEIVED: 10/04/2023
CLIENT PROJECT: WA Industries - 015354
COLLECTION DATE: 10/4/2023 9:10:00 AM
CLIENT SAMPLE ID: MW-8S
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Vinyl Chloride	EPA-8260	18	0.20	1	UG/L	10/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	9.5	2.0	1	UG/L	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichloroethene	EPA-8260	18	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS JOB#:	EV23100021
		ALS SAMPLE#:	EV23100021-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	10/04/2023
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	10/4/2023 9:10:00 AM
CLIENT SAMPLE ID	MW-8S	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	102	10/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	108	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 10/16/2023
1180 NW Maple St, Suite 310 ALS JOB#: EV23100021
Issaquah, WA 98027 ALS SAMPLE#: EV23100021-05
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 10/04/2023
CLIENT PROJECT: WA Industries - 015354 COLLECTION DATE: 10/4/2023 10:10:00 AM
CLIENT SAMPLE ID SBW-3 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/14/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trichloroethene	EPA-8260	20	2.0	1	UG/L	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS JOB#:	EV23100021
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23100021-05
CLIENT PROJECT:	WA Industries - 015354	DATE RECEIVED:	10/04/2023
CLIENT SAMPLE ID	SBW-3	COLLECTION DATE:	10/4/2023 10:10:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/14/2023	DLC
Chromium (VI)	EPA-7196	130	10	1	UG/L	10/04/2023	RAL
Chromium	EPA-200.8	130	2.0	1	UG/L	10/09/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	10/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	111	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS JOB#:	EV23100021
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV23100021-06
CLIENT PROJECT:	WA Industries - 015354	DATE RECEIVED:	10/04/2023
CLIENT SAMPLE ID	SBW-2	COLLECTION DATE:	10/4/2023 11:10:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Vinyl Chloride	EPA-8260	4.0	0.20	1	UG/L	10/15/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	190	20	10	UG/L	10/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Trichloroethene	EPA-8260	190	20	10	UG/L	10/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Tetrachloroethylene	EPA-8260	2.6	2.0	1	UG/L	10/15/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/15/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS JOB#:	EV23100021
		ALS SAMPLE#:	EV23100021-06
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	10/04/2023
CLIENT PROJECT:	WA Industries - 015354	COLLECTION DATE:	10/4/2023 11:10:00 AM
CLIENT SAMPLE ID	SBW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/15/2023	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	10/04/2023	RAL
Chromium	EPA-200.8	17	2.0	1	UG/L	10/09/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	103	10/15/2023	DLC
1,2-Dichloroethane-d4	EPA-8260	103	10/15/2023	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	110	10/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	110	10/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 10/16/2023
ALS SDG#: EV23100021
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY BLANK RESULTS

MB-101323W - Batch 201977 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	10/14/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	10/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	10/14/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Bromoform	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
		ALS SDG#:	EV23100021
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	WA Industries - 015354		

LABORATORY BLANK RESULTS

MB-101323W - Batch 201977 - Water by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	10/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	10/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101523W - Batch 202014 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	10/15/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	10/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	10/15/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23100021
CLIENT PROJECT:	WA Industries - 015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MB-101523W - Batch 202014 - Water by EPA-8260

Bromoform	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	10/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	10/15/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R448263 - Batch R448263 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	10/04/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100923W - Batch 201672 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	10/09/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 10/16/2023
ALS SDG#: EV23100021
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 201977 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	148			50	150	10/14/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	138	7		50	150	10/14/2023	DLC
Chloromethane - BS	EPA-8260	109			50	150	10/14/2023	DLC
Chloromethane - BSD	EPA-8260	103	5		50	150	10/14/2023	DLC
Vinyl Chloride - BS	EPA-8260	123			50	150	10/14/2023	DLC
Vinyl Chloride - BSD	EPA-8260	115	7		50	150	10/14/2023	DLC
Bromomethane - BS	EPA-8260	104			50	150	10/14/2023	DLC
Bromomethane - BSD	EPA-8260	100	3		50	150	10/14/2023	DLC
Chloroethane - BS	EPA-8260	109			50	150	10/14/2023	DLC
Chloroethane - BSD	EPA-8260	104	5		50	150	10/14/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	122			50	150	10/14/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	116	4		50	150	10/14/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	122			50	150	10/14/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	117	5		50	150	10/14/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	109			72.5	136	10/14/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	104	5		72.5	136	10/14/2023	DLC
Methylene Chloride - BS	EPA-8260	128			50	150	10/14/2023	DLC
Methylene Chloride - BSD	EPA-8260	129	1		50	150	10/14/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	107			50	150	10/14/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	102	4		50	150	10/14/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	115			50	150	10/14/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	108	7		50	150	10/14/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	104			50	150	10/14/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	101	4		50	150	10/14/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	109			50	150	10/14/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	103	6		50	150	10/14/2023	DLC
Bromochloromethane - BS	EPA-8260	100			50	150	10/14/2023	DLC
Bromochloromethane - BSD	EPA-8260	97.2	3		50	150	10/14/2023	DLC
Chloroform - BS	EPA-8260	110			50	150	10/14/2023	DLC
Chloroform - BSD	EPA-8260	106	4		50	150	10/14/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	110			50	150	10/14/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	106	4		50	150	10/14/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	112			50	150	10/14/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	107	5		50	150	10/14/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	106			50	150	10/14/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	104	2		50	150	10/14/2023	DLC
Trichloroethene - BS	EPA-8260	106			74.4	141	10/14/2023	DLC
Trichloroethene - BSD	EPA-8260	105	1		74.4	141	10/14/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	107			50	150	10/14/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 10/16/2023
ALS SDG#: EV23100021
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichloropropane - BSD	EPA-8260	104	3		50	150	10/14/2023	DLC
Dibromomethane - BS	EPA-8260	105			50	150	10/14/2023	DLC
Dibromomethane - BSD	EPA-8260	103	2		50	150	10/14/2023	DLC
Bromodichloromethane - BS	EPA-8260	106			50	150	10/14/2023	DLC
Bromodichloromethane - BSD	EPA-8260	103	3		50	150	10/14/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	106			50	150	10/14/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	104	1		50	150	10/14/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	109			50	150	10/14/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	105	3		50	150	10/14/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	103			50	150	10/14/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	102	1		50	150	10/14/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	104			50	150	10/14/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	102	1		50	150	10/14/2023	DLC
Tetrachloroethylene - BS	EPA-8260	156		SQ1	50	150	10/14/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	171	9	SQ1	50	150	10/14/2023	DLC
Dibromochloromethane - BS	EPA-8260	105			50	150	10/14/2023	DLC
Dibromochloromethane - BSD	EPA-8260	103	2		50	150	10/14/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	105			50	150	10/14/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	104	1		50	150	10/14/2023	DLC
Chlorobenzene - BS	EPA-8260	106			73	131	10/14/2023	DLC
Chlorobenzene - BSD	EPA-8260	103	2		73	131	10/14/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	105			50	150	10/14/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	103	2		50	150	10/14/2023	DLC
Bromoform - BS	EPA-8260	105			50	150	10/14/2023	DLC
Bromoform - BSD	EPA-8260	104	1		50	150	10/14/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	97.2			50	150	10/14/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	93.8	4		50	150	10/14/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	95.5			50	150	10/14/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	94.5	1		50	150	10/14/2023	DLC
Bromobenzene - BS	EPA-8260	102			50	150	10/14/2023	DLC
Bromobenzene - BSD	EPA-8260	101	1		50	150	10/14/2023	DLC
2-Chlorotoluene - BS	EPA-8260	104			50	150	10/14/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	101	3		50	150	10/14/2023	DLC
4-Chlorotoluene - BS	EPA-8260	105			50	150	10/14/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	103	3		50	150	10/14/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	106			50	150	10/14/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	104	2		50	150	10/14/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	106			50	150	10/14/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	104	2		50	150	10/14/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	106			50	150	10/14/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 10/16/2023
ALS SDG#: EV23100021
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	103	2		50	150	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	98.7			50	150	10/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	97.9	1		50	150	10/14/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	109			50	150	10/14/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	107	2		50	150	10/14/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	120			50	150	10/14/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	117	2		50	150	10/14/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	107			50	150	10/14/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	105	2		50	150	10/14/2023	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

ALS Test Batch ID: 202014 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	133			50	150	10/15/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	124	7		50	150	10/15/2023	DLC
Chloromethane - BS	EPA-8260	99.4			50	150	10/15/2023	DLC
Chloromethane - BSD	EPA-8260	95.1	4		50	150	10/15/2023	DLC
Vinyl Chloride - BS	EPA-8260	119			50	150	10/15/2023	DLC
Vinyl Chloride - BSD	EPA-8260	112	6		50	150	10/15/2023	DLC
Bromomethane - BS	EPA-8260	103			50	150	10/15/2023	DLC
Bromomethane - BSD	EPA-8260	95.7	7		50	150	10/15/2023	DLC
Chloroethane - BS	EPA-8260	102			50	150	10/15/2023	DLC
Chloroethane - BSD	EPA-8260	97.1	5		50	150	10/15/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	118			50	150	10/15/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	113	5		50	150	10/15/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	121			50	150	10/15/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	115	5		50	150	10/15/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	106			72.5	136	10/15/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	100	5		72.5	136	10/15/2023	DLC
Methylene Chloride - BS	EPA-8260	110			50	150	10/15/2023	DLC
Methylene Chloride - BSD	EPA-8260	114	4		50	150	10/15/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	101			50	150	10/15/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	97.1	4		50	150	10/15/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	107			50	150	10/15/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	104	3		50	150	10/15/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	97.4			50	150	10/15/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	95.0	2		50	150	10/15/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	131			50	150	10/15/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	124	6		50	150	10/15/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

DATE: 10/16/2023
ALS SDG#: EV23100021
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: WA Industries - 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Bromochloromethane - BS	EPA-8260	93.1			50	150	10/15/2023	DLC
Bromochloromethane - BSD	EPA-8260	91.5	2		50	150	10/15/2023	DLC
Chloroform - BS	EPA-8260	101			50	150	10/15/2023	DLC
Chloroform - BSD	EPA-8260	97.8	3		50	150	10/15/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	106			50	150	10/15/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	101	4		50	150	10/15/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	109			50	150	10/15/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	105	4		50	150	10/15/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	101			50	150	10/15/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	98.6	2		50	150	10/15/2023	DLC
Trichloroethene - BS	EPA-8260	100			74.4	141	10/15/2023	DLC
Trichloroethene - BSD	EPA-8260	95.7	4		74.4	141	10/15/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	101			50	150	10/15/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	97.7	3		50	150	10/15/2023	DLC
Dibromomethane - BS	EPA-8260	100			50	150	10/15/2023	DLC
Dibromomethane - BSD	EPA-8260	98.0	2		50	150	10/15/2023	DLC
Bromodichloromethane - BS	EPA-8260	99.4			50	150	10/15/2023	DLC
Bromodichloromethane - BSD	EPA-8260	96.5	3		50	150	10/15/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	104			50	150	10/15/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	102	2		50	150	10/15/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	106			50	150	10/15/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	103	3		50	150	10/15/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	97.6			50	150	10/15/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	96.9	1		50	150	10/15/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	98.7			50	150	10/15/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	97.4	1		50	150	10/15/2023	DLC
Tetrachloroethylene - BS	EPA-8260	104			50	150	10/15/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	102	2		50	150	10/15/2023	DLC
Dibromochloromethane - BS	EPA-8260	99.1			50	150	10/15/2023	DLC
Dibromochloromethane - BSD	EPA-8260	97.4	2		50	150	10/15/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	99.7			50	150	10/15/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	98.7	1		50	150	10/15/2023	DLC
Chlorobenzene - BS	EPA-8260	99.6			73	131	10/15/2023	DLC
Chlorobenzene - BSD	EPA-8260	96.6	3		73	131	10/15/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	99.1			50	150	10/15/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	96.2	3		50	150	10/15/2023	DLC
Bromoform - BS	EPA-8260	98.3			50	150	10/15/2023	DLC
Bromoform - BSD	EPA-8260	98.1	0		50	150	10/15/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	96.4			50	150	10/15/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	96.7	0		50	150	10/15/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	10/16/2023
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV23100021
CLIENT PROJECT:	WA Industries - 015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2,3-Trichloropropane - BS	EPA-8260	91.3			50	150	10/15/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	92.0	1		50	150	10/15/2023	DLC
Bromobenzene - BS	EPA-8260	96.2			50	150	10/15/2023	DLC
Bromobenzene - BSD	EPA-8260	95.7	1		50	150	10/15/2023	DLC
2-Chlorotoluene - BS	EPA-8260	100			50	150	10/15/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	97.9	3		50	150	10/15/2023	DLC
4-Chlorotoluene - BS	EPA-8260	102			50	150	10/15/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	98.4	3		50	150	10/15/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	102			50	150	10/15/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	99.6	3		50	150	10/15/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	101			50	150	10/15/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	99.5	2		50	150	10/15/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	101			50	150	10/15/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	98.9	2		50	150	10/15/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	94.2			50	150	10/15/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	92.6	2		50	150	10/15/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	107			50	150	10/15/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	99.2	7		50	150	10/15/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	125			50	150	10/15/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	118	6		50	150	10/15/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	104			50	150	10/15/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	97.3	7		50	150	10/15/2023	DLC

ALS Test Batch ID: R448263 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	100			90	114	10/04/2023	RAL
Chromium (VI) - BSD	EPA-7196	96.0	4		90	114	10/04/2023	RAL

ALS Test Batch ID: 201672 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	97.7			88.3	110.2	10/09/2023	EBS
Chromium - BSD	EPA-200.8	98.2	1		88.3	110.2	10/09/2023	EBS

CERTIFICATE OF ANALYSIS

APPROVED BY

Rob Greer
Laboratory Director



ALS Job# (Laboratory Use Only)

EV23100021

Date 10/4/23 Page 1 Of 1

[illegible]

~~SPECIAL INSTRUCTIONS~~ ~~10/4/23 - Changed to full VOC per Mariem. SN~~ ~~No~~

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Evan Miller, TRC, 10/4/23

Received By: APRESE, ALS, 10/4/23 @ 1320

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days*

OTHER:

Organic, Metals & Inorganic Analysis

~~10~~ 5 3 2 1 SAM DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAM
DA

Specify: 8.10

ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: TRC

ALS Job #: EY23100021

Project: WA INDUSTRIES 015354

Received Date: 10-04-23

Received Time: 1320

By: AHF

Type of shipping container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Mail ☐ Courier ☒ Hand Delivered ☐
FedEx Express ☐

Were custody seals on outside of shipping container?
If yes, how many? Where?
Custody seal date: Seal name:

Yes No N/A ☒

Was Chain of Custody properly filled out (ink, signed, dated, etc.)?

☒

Did all bottles have labels?

☒

Did all bottle labels and tags agree with Chain of Custody?

☒

Were samples received within hold time?

☒

Did all bottles arrive in good condition (unbroken, etc.)?

☒

Was sufficient amount of sample sent for the tests indicated?

☒

Was correct preservation added to samples?

☒

If no, Sample Control added preservative to the following:

<u>Sample Number</u>	<u>Reagent</u>	<u>Analyte</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Were VOA vials checked for absence of air bubbles?

Bubbles present in sample #: NONE 

☒ X

Temperature of cooler upon receipt: 8.1°C



Cool Ambient N/A

Explain any discrepancies: NO TURNAROUND TIME INDICATED

Was client contacted? Who was called? By whom? Date:

Outcome of call:

Attachment B
Laboratory Analytical Reports for System Vapors



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries
Work Order Number: 2209189

September 21, 2022

Attention Mariem Esparra:

Fremont Analytical, Inc. received 2 sample(s) on 9/14/2022 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com



Date: 09/21/2022

CLIENT: TRC
Project: WA Industries
Work Order: 2209189

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2209189-001	S2-EFF-0914	09/14/2022 11:30 AM	09/14/2022 12:29 PM
2209189-002	AIR-EFF	09/14/2022 11:45 AM	09/14/2022 12:29 PM

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

CLIENT: TRC
Project: WA Industries

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

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

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

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2209189

Date Reported: 9/21/2022

Client: TRC

Collection Date: 9/14/2022 11:30:00 AM

Project: WA Industries

Lab ID: 2209189-001

Matrix: Air

Client Sample ID: S2-EFF-0914

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 37832

Analyst: MS

Dichlorodifluoromethane	ND	0.125		µg/L	1	9/16/2022 1:56:08 PM
Chloromethane	ND	0.0750		µg/L	1	9/16/2022 1:56:08 PM
Vinyl chloride	ND	0.0350		µg/L	1	9/16/2022 1:56:08 PM
Bromomethane	ND	0.120		µg/L	1	9/16/2022 1:56:08 PM
Trichlorofluoromethane (CFC-11)	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Chloroethane	ND	0.100		µg/L	1	9/16/2022 1:56:08 PM
1,1-Dichloroethene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Acetone	ND	0.600		µg/L	1	9/16/2022 1:56:08 PM
Methylene chloride	ND	0.0750		µg/L	1	9/16/2022 1:56:08 PM
trans-1,2-Dichloroethene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Methyl tert-butyl ether (MTBE)	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,1-Dichloroethane	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
cis-1,2-Dichloroethene	0.101	0.0500		µg/L	1	9/16/2022 1:56:08 PM
(MEK) 2-Butanone	ND	0.150		µg/L	1	9/16/2022 1:56:08 PM
Chloroform	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,1,1-Trichloroethane (TCA)	ND	0.0400		µg/L	1	9/16/2022 1:56:08 PM
1,1-Dichloropropene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Carbon tetrachloride	ND	0.0750		µg/L	1	9/16/2022 1:56:08 PM
1,2-Dichloroethane (EDC)	ND	0.0400		µg/L	1	9/16/2022 1:56:08 PM
Benzene	ND	0.0440		µg/L	1	9/16/2022 1:56:08 PM
Trichloroethene (TCE)	1.65	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,2-Dichloropropane	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Bromodichloromethane	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Dibromomethane	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
cis-1,3-Dichloropropene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Toluene	ND	0.0750		µg/L	1	9/16/2022 1:56:08 PM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.125		µg/L	1	9/16/2022 1:56:08 PM
1,1,2-Trichloroethane	ND	0.0350		µg/L	1	9/16/2022 1:56:08 PM
1,3-Dichloropropane	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Tetrachloroethene (PCE)	0.182	0.0400		µg/L	1	9/16/2022 1:56:08 PM
Dibromochloromethane	ND	0.100		µg/L	1	9/16/2022 1:56:08 PM
1,2-Dibromoethane (EDB)	ND	0.0300		µg/L	1	9/16/2022 1:56:08 PM
2-Hexanone	ND	0.100		µg/L	1	9/16/2022 1:56:08 PM
Chlorobenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	9/16/2022 1:56:08 PM
Ethylbenzene	ND	0.0400		µg/L	1	9/16/2022 1:56:08 PM
m,p-Xylene	ND	0.100		µg/L	1	9/16/2022 1:56:08 PM
o-Xylene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM

Original



Analytical Report

Work Order: 2209189
Date Reported: 9/21/2022

Client: TRC

Collection Date: 9/14/2022 11:30:00 AM

Project: WA Industries

Lab ID: 2209189-001

Matrix: Air

Client Sample ID: S2-EFF-0914

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 37832

Analyst: MS

Styrene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Isopropylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Bromoform	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,1,2,2-Tetrachloroethane	ND	0.0400		µg/L	1	9/16/2022 1:56:08 PM
n-Propylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Bromobenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,3,5-Trimethylbenzene	ND	0.0250		µg/L	1	9/16/2022 1:56:08 PM
2-Chlorotoluene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
4-Chlorotoluene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
tert-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	9/16/2022 1:56:08 PM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	9/16/2022 1:56:08 PM
sec-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
4-Isopropyltoluene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
n-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	9/16/2022 1:56:08 PM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Hexachlorobutadiene	ND	0.0500		µg/L	1	9/16/2022 1:56:08 PM
Naphthalene	ND	0.125		µg/L	1	9/16/2022 1:56:08 PM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	9/16/2022 1:56:08 PM
Surr: Dibromofluoromethane	104	80 - 121		%Rec	1	9/16/2022 1:56:08 PM
Surr: Toluene-d8	101	80 - 120		%Rec	1	9/16/2022 1:56:08 PM
Surr: 1-Bromo-4-fluorobenzene	101	80 - 120		%Rec	1	9/16/2022 1:56:08 PM



Analytical Report

Work Order: 2209189

Date Reported: 9/21/2022

Client: TRC

Collection Date: 9/14/2022 11:45:00 AM

Project: WA Industries

Lab ID: 2209189-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 37832

Analyst: MS

Dichlorodifluoromethane	ND	0.125		µg/L	1	9/16/2022 2:58:12 PM
Chloromethane	ND	0.0750		µg/L	1	9/16/2022 2:58:12 PM
Vinyl chloride	ND	0.0350		µg/L	1	9/16/2022 2:58:12 PM
Bromomethane	ND	0.120		µg/L	1	9/16/2022 2:58:12 PM
Trichlorofluoromethane (CFC-11)	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Chloroethane	ND	0.100		µg/L	1	9/16/2022 2:58:12 PM
1,1-Dichloroethene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Acetone	0.627	0.600		µg/L	1	9/16/2022 2:58:12 PM
Methylene chloride	ND	0.0750		µg/L	1	9/16/2022 2:58:12 PM
trans-1,2-Dichloroethene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Methyl tert-butyl ether (MTBE)	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,1-Dichloroethane	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
cis-1,2-Dichloroethene	0.0933	0.0500		µg/L	1	9/16/2022 2:58:12 PM
(MEK) 2-Butanone	ND	0.150		µg/L	1	9/16/2022 2:58:12 PM
Chloroform	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,1,1-Trichloroethane (TCA)	ND	0.0400		µg/L	1	9/16/2022 2:58:12 PM
1,1-Dichloropropene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Carbon tetrachloride	ND	0.0750		µg/L	1	9/16/2022 2:58:12 PM
1,2-Dichloroethane (EDC)	ND	0.0400		µg/L	1	9/16/2022 2:58:12 PM
Benzene	ND	0.0440		µg/L	1	9/16/2022 2:58:12 PM
Trichloroethene (TCE)	6.95	0.0500	E	µg/L	1	9/16/2022 2:58:12 PM
1,2-Dichloropropane	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Bromodichloromethane	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Dibromomethane	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
cis-1,3-Dichloropropene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Toluene	ND	0.0750		µg/L	1	9/16/2022 2:58:12 PM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.125		µg/L	1	9/16/2022 2:58:12 PM
1,1,2-Trichloroethane	ND	0.0350		µg/L	1	9/16/2022 2:58:12 PM
1,3-Dichloropropane	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Tetrachloroethene (PCE)	0.126	0.0400		µg/L	1	9/16/2022 2:58:12 PM
Dibromochloromethane	ND	0.100		µg/L	1	9/16/2022 2:58:12 PM
1,2-Dibromoethane (EDB)	ND	0.0300		µg/L	1	9/16/2022 2:58:12 PM
2-Hexanone	ND	0.100		µg/L	1	9/16/2022 2:58:12 PM
Chlorobenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	9/16/2022 2:58:12 PM
Ethylbenzene	ND	0.0400		µg/L	1	9/16/2022 2:58:12 PM
m,p-Xylene	ND	0.100		µg/L	1	9/16/2022 2:58:12 PM
o-Xylene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM

Original



Analytical Report

Work Order: 2209189
Date Reported: 9/21/2022

Client: TRC

Collection Date: 9/14/2022 11:45:00 AM

Project: WA Industries

Lab ID: 2209189-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 37832

Analyst: MS

Styrene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Isopropylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Bromoform	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,1,2,2-Tetrachloroethane	ND	0.0400		µg/L	1	9/16/2022 2:58:12 PM
n-Propylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Bromobenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,3,5-Trimethylbenzene	ND	0.0250		µg/L	1	9/16/2022 2:58:12 PM
2-Chlorotoluene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
4-Chlorotoluene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
tert-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	9/16/2022 2:58:12 PM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	9/16/2022 2:58:12 PM
sec-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
4-Isopropyltoluene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
n-Butylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	9/16/2022 2:58:12 PM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Hexachlorobutadiene	ND	0.0500		µg/L	1	9/16/2022 2:58:12 PM
Naphthalene	ND	0.125		µg/L	1	9/16/2022 2:58:12 PM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	9/16/2022 2:58:12 PM
Surr: Dibromofluoromethane	105	80 - 121		%Rec	1	9/16/2022 2:58:12 PM
Surr: Toluene-d8	100	80 - 120		%Rec	1	9/16/2022 2:58:12 PM
Surr: 1-Bromo-4-fluorobenzene	101	80 - 120		%Rec	1	9/16/2022 2:58:12 PM

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-37832	SampType: LCS	Units: µg/L				Prep Date: 9/16/2022			RunNo: 78423		
Client ID: LCSW	Batch ID: 37832					Analysis Date: 9/16/2022			SeqNo: 1612727		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	3.40	0.125	2.000	0	170	80	120				S
Chloromethane	2.96	0.0750	2.000	0	148	80	120				S
Vinyl chloride	2.59	0.0350	2.000	0	129	80	120				S
Bromomethane	2.07	0.120	2.000	0	103	80	120				
Trichlorofluoromethane (CFC-11)	2.22	0.0500	2.000	0	111	80	120				
Chloroethane	2.28	0.100	2.000	0	114	80	120				
1,1-Dichloroethene	2.21	0.0500	2.000	0	110	80	120				
Acetone	5.28	0.600	5.000	0	106	80	120				
Methylene chloride	2.27	0.0750	2.000	0	113	80	120				
trans-1,2-Dichloroethene	2.13	0.0500	2.000	0	107	80	120				
Methyl tert-butyl ether (MTBE)	2.14	0.0500	2.000	0	107	80	120				
1,1-Dichloroethane	2.12	0.0500	2.000	0	106	80	120				
cis-1,2-Dichloroethene	2.05	0.0500	2.000	0	102	80	120				
(MEK) 2-Butanone	5.04	0.150	5.000	0	101	80	120				
Chloroform	2.03	0.0500	2.000	0	102	80	120				
1,1,1-Trichloroethane (TCA)	2.09	0.0400	2.000	0	105	80	120				
1,1-Dichloropropene	2.05	0.0500	2.000	0	103	80	120				
Carbon tetrachloride	2.12	0.0750	2.000	0	106	80	120				
1,2-Dichloroethane (EDC)	2.02	0.0400	2.000	0	101	80	120				
Benzene	2.07	0.0440	2.000	0	103	80	120				
Trichloroethene (TCE)	2.08	0.0500	2.000	0	104	80	120				
1,2-Dichloropropane	2.13	0.0500	2.000	0	106	80	120				
Bromodichloromethane	2.09	0.0500	2.000	0	104	80	120				
Dibromomethane	2.09	0.0500	2.000	0	104	80	120				
cis-1,3-Dichloropropene	2.14	0.0500	2.000	0	107	80	120				
Toluene	2.10	0.0750	2.000	0	105	80	120				
trans-1,3-Dichloropropylene	2.21	0.0500	2.000	0	110	80	120				
Methyl Isobutyl Ketone (MIBK)	5.57	0.125	5.000	0	111	80	120				
1,1,2-Trichloroethane	2.02	0.0350	2.000	0	101	80	120				
1,3-Dichloropropane	2.04	0.0500	2.000	0	102	80	120				
Tetrachloroethene (PCE)	1.92	0.0400	2.000	0	96.2	80	120				
Dibromochloromethane	2.04	0.100	2.000	0	102	80	120				

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-37832	SampType: LCS	Units: µg/L				Prep Date: 9/16/2022			RunNo: 78423		
Client ID: LCSW	Batch ID: 37832					Analysis Date: 9/16/2022			SeqNo: 1612727		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	2.06	0.0300	2.000	0	103	80	120				
2-Hexanone	5.61	0.100	5.000	0	112	80	120				
Chlorobenzene	1.93	0.0500	2.000	0	96.4	80	120				
1,1,1,2-Tetrachloroethane	1.92	0.0300	2.000	0	96.0	80	120				
Ethylbenzene	1.90	0.0400	2.000	0	95.1	80	120				
m,p-Xylene	4.02	0.100	4.000	0	101	80	120				
o-Xylene	1.87	0.0500	2.000	0	93.6	80	120				
Styrene	1.93	0.0500	2.000	0	96.7	80	120				
Isopropylbenzene	1.94	0.0500	2.000	0	97.1	80	120				
Bromoform	1.96	0.0500	2.000	0	97.9	80	120				
1,1,2,2-Tetrachloroethane	1.97	0.0400	2.000	0	98.7	80	120				
n-Propylbenzene	2.00	0.0500	2.000	0	99.9	80	120				
Bromobenzene	1.89	0.0500	2.000	0	94.7	80	120				
1,3,5-Trimethylbenzene	1.94	0.0250	2.000	0	96.8	80	120				
2-Chlorotoluene	2.00	0.0500	2.000	0	100	80	120				
4-Chlorotoluene	1.96	0.0500	2.000	0	98.0	80	120				
tert-Butylbenzene	1.90	0.0500	2.000	0	95.1	80	120				
1,2,3-Trichloropropane	2.02	0.0400	2.000	0	101	80	120				
1,2,4-Trichlorobenzene	1.92	0.0750	2.000	0	96.1	80	120				
sec-Butylbenzene	1.91	0.0500	2.000	0	95.6	80	120				
4-Isopropyltoluene	1.87	0.0500	2.000	0	93.6	80	120				
1,3-Dichlorobenzene	1.99	0.0500	2.000	0	99.6	80	120				
1,4-Dichlorobenzene	1.95	0.0500	2.000	0	97.6	80	120				
n-Butylbenzene	2.05	0.0500	2.000	0	102	80	120				
1,2-Dichlorobenzene	2.00	0.0500	2.000	0	100	80	120				
1,2-Dibromo-3-chloropropane	2.10	0.100	2.000	0	105	80	120				
1,2,4-Trimethylbenzene	1.97	0.0500	2.000	0	98.4	80	120				
Hexachlorobutadiene	1.99	0.0500	2.000	0	99.6	80	120				
Naphthalene	1.96	0.125	2.000	0	98.1	80	120				
1,2,3-Trichlorobenzene	1.89	0.0700	2.000	0	94.3	80	120				
Surr: Dibromofluoromethane	2.62		2.500		105	80	120				
Surr: Toluene-d8	2.64		2.500		106	80	120				

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-37832		SampType: LCS			Units: µg/L		Prep Date: 9/16/2022		RunNo: 78423		
Client ID: LCSW		Batch ID: 37832			Analysis Date: 9/16/2022				SeqNo: 1612727		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	2.55		2.500		102	80	120				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: MB-37832	SampType: MBLK	Units: µg/L			Prep Date: 9/16/2022			RunNo: 78423			
Client ID: MBLKW	Batch ID: 37832	Analysis Date: 9/16/2022						SeqNo: 1612723			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.125									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0350									
Bromomethane	ND	0.120									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	ND	0.600									
Methylene chloride	ND	0.0750									
trans-1,2-Dichloroethene	ND	0.0500									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0400									
1,1-Dichloropropene	ND	0.0500									
Carbon tetrachloride	ND	0.0750									
1,2-Dichloroethane (EDC)	ND	0.0400									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.0500									
Bromodichloromethane	ND	0.0500									
Dibromomethane	ND	0.0500									

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-37832	SampType: MBLK	Units: µg/L			Prep Date: 9/16/2022			RunNo: 78423			
Client ID: MBLKW	Batch ID: 37832				Analysis Date: 9/16/2022			SeqNo: 1612723			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	0.0500									
Toluene	ND	0.0750									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.125									
1,1,2-Trichloroethane	ND	0.0350									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0400									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0300									
2-Hexanone	ND	0.100									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0500									
1,1,1,2,2-Tetrachloroethane	ND	0.0400									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.0250									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-37832		SampType: MBLK			Units: µg/L		Prep Date: 9/16/2022			RunNo: 78423		
Client ID: MBLKW		Batch ID: 37832			Analysis Date: 9/16/2022					SeqNo: 1612723		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

1,2-Dichlorobenzene	ND	0.0500									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.0500									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.125									
1,2,3-Trichlorobenzene	ND	0.0700									
Surr: Dibromofluoromethane	2.64		2.500		106	80	121				
Surr: Toluene-d8	2.54		2.500		102	80	120				
Surr: 1-Bromo-4-fluorobenzene	2.57		2.500		103	80	120				

Sample ID: 2209189-001AREP		SampType: REP			Units: µg/L		Prep Date: 9/16/2022			RunNo: 78423		
Client ID: S2-EFF-0914		Batch ID: 37832			Analysis Date: 9/16/2022					SeqNo: 1612720		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Dichlorodifluoromethane	ND	0.125						0		30	
Chloromethane	ND	0.0750						0		30	
Vinyl chloride	ND	0.0350						0		30	
Bromomethane	ND	0.120						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0500						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.0500						0		30	
Acetone	ND	0.600						0		30	
Methylene chloride	ND	0.0750						0		30	
trans-1,2-Dichloroethene	ND	0.0500						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0500						0		30	
1,1-Dichloroethane	ND	0.0500						0		30	
cis-1,2-Dichloroethene	0.104	0.0500						0.1013	3.15	30	
(MEK) 2-Butanone	ND	0.150						0		30	
Chloroform	ND	0.0500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0400						0		30	
1,1-Dichloropropene	ND	0.0500						0		30	

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2209189-001AREP		SampType: REP		Units: µg/L		Prep Date: 9/16/2022			RunNo: 78423		
Client ID: S2-EFF-0914		Batch ID: 37832					Analysis Date: 9/16/2022			SeqNo: 1612720	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	0.0750						0		30	
1,2-Dichloroethane (EDC)	ND	0.0400						0		30	
Benzene	ND	0.0440						0		30	
Trichloroethene (TCE)	1.71	0.0500						1.648	3.74	30	
1,2-Dichloropropane	ND	0.0500						0		30	
Bromodichloromethane	ND	0.0500						0		30	
Dibromomethane	ND	0.0500						0		30	
cis-1,3-Dichloropropene	ND	0.0500						0		30	
Toluene	ND	0.0750						0		30	
trans-1,3-Dichloropropylene	ND	0.0500						0		30	
Methyl Isobutyl Ketone (MIBK)	ND	0.125						0		30	
1,1,2-Trichloroethane	ND	0.0350						0		30	
1,3-Dichloropropane	ND	0.0500						0		30	
Tetrachloroethene (PCE)	0.190	0.0400						0.1816	4.48	30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0300						0		30	
2-Hexanone	ND	0.100						0		30	
Chlorobenzene	ND	0.0500						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0300						0		30	
Ethylbenzene	ND	0.0400						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.0500						0		30	
Styrene	ND	0.0500						0		30	
Isopropylbenzene	ND	0.0500						0		30	
Bromoform	ND	0.0500						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0400						0		30	
n-Propylbenzene	ND	0.0500						0		30	
Bromobenzene	ND	0.0500						0		30	
1,3,5-Trimethylbenzene	ND	0.0250						0		30	
2-Chlorotoluene	ND	0.0500						0		30	
4-Chlorotoluene	ND	0.0500						0		30	
tert-Butylbenzene	ND	0.0500						0		30	

Work Order: 2209189
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2209189-001AREP		SampType: REP		Units: µg/L		Prep Date: 9/16/2022			RunNo: 78423		
Client ID: S2-EFF-0914		Batch ID: 37832					Analysis Date: 9/16/2022			SeqNo: 1612720	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	0.0400						0		30	
1,2,4-Trichlorobenzene	ND	0.0750						0		30	
sec-Butylbenzene	ND	0.0500						0		30	
4-Isopropyltoluene	ND	0.0500						0		30	
1,3-Dichlorobenzene	ND	0.0500						0		30	
1,4-Dichlorobenzene	ND	0.0500						0		30	
n-Butylbenzene	ND	0.0500						0		30	
1,2-Dichlorobenzene	ND	0.0500						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.0500						0		30	
Hexachlorobutadiene	ND	0.0500						0		30	
Naphthalene	ND	0.125						0		30	
1,2,3-Trichlorobenzene	ND	0.0700						0		30	
Surr: Dibromofluoromethane	2.63		2.500		105	80	121		0		
Surr: Toluene-d8	2.53		2.500		101	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	2.52		2.500		101	80	120		0		

Client Name: TRCI
 Logged by: Clare Griggs

Work Order Number: 2209189
 Date Received: 9/14/2022 12:29:00 PM

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

Person Notified: Date:
 By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
 Regarding:
 Client Instructions:

19. Additional remarks:

Item Information

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



Fremont
Analytical

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

Chain of Custody Record & Laboratory Services Agreement

Date: 09/14/22 Page: 1 of: 1

Laboratory Project No (internal): 2209189

Project Name: WA Industries

Special Remarks:

Project No: 015354 PO: 184566

Collected by: L. Briant and J. Jacobsen

Location: Seattle, WA

Report To (PM): Maricarm Esparra

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

PM Email: MEsparra@TRLcompanies.com

Client: TRC

Address: 1180 NW Maple St, 310

City, State, Zip: Issaquah

Telephone: (425) 345-0010

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HID)	Diesel/Heavy Oil Range Organics (DX)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 52-EFF-0914	09/14/22	11:30	A	1	X												
2 AIR-EFF	✓	11:45	A	1	X												
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

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

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

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

Turn-around Time:

☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

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

Relinquished (Signature) x *Joel Jacobsen*
Print Name Joel Jacobsen
Date/Time 09/14/22 @ 12:29

Relinquished (Signature) x
Print Name
Date/Time

Received (Signature) x *[Signature]*

Received (Signature)
Print Name
Date/Time

Print Name

[Signature]
Print Name
Date/Time

Date/Time

9/14/22 1229
Date/Time



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries Po# 186484
Work Order Number: 2210323

October 27, 2022

Attention Mariem Esparra:

Fremont Analytical, Inc. received 2 sample(s) on 10/20/2022 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method TO-15

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com



Date: 10/27/2022

CLIENT: TRC
Project: WA Industries Po# 186484
Work Order: 2210323

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2210323-001	S2-EFF (1020)	10/20/2022 10:20 AM	10/20/2022 11:45 AM
2210323-002	Air-EFF	10/20/2022 10:35 AM	10/20/2022 11:45 AM

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

CLIENT: TRC
Project: WA Industries Po# 186484

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ppbv and ug/m3.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Standard temperature and pressure assumes 24.45 = (25C and 1 atm).

*Acrolein: Reporting Limit noted is the laboratory Limit of Detection (LOD). Any detections below 0.0229 ug/m3 (0.01 ppbv) are considered an estimate.

*1,2-Dibromoethane (EDB): Reporting Limit noted is the Method Detection Limit (MDL). Any detections below 0.00768 ug/m3 (0.001 ppbv) are considered an estimate.

Qualifiers:

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

Acronyms:

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



Client: TRC

WorkOrder: 2210323

Project: WA Industries Po# 186484

Client Sample ID: S2-EFF (1020)

Date Sampled: 10/20/2022

Lab ID: 2210323-001A

Date Received: 10/20/2022

Sample Type:

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst
<u>Volatile Organic Compounds by EPA Method TO-15</u>							
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)			
1,1,1-Trichloroethane	<0.200	<1.09	0.200	1.09		EPA-TO-15	10/22/2022 TC
1,1,2,2-Tetrachloroethane	<0.400	<2.75	0.400	2.75		EPA-TO-15	10/22/2022 TC
CFC-113	<2.00	<15.3	2.00	15.3		EPA-TO-15	10/22/2022 TC
1,1,2-Trichloroethane (TCA)	<0.0400	<0.218	0.0400	0.218		EPA-TO-15	10/22/2022 TC
1,1-Dichloroethane	<0.0400	<0.162	0.0400	0.162		EPA-TO-15	10/22/2022 TC
1,1-Dichloroethene (DCE)	0.0416	0.165	0.0400	0.159		EPA-TO-15	10/22/2022 TC
1,2,4-Trichlorobenzene	<4.00	<29.7	4.00	29.7		EPA-TO-15	10/22/2022 TC
1,2,4-Trimethylbenzene	<20.0	<98.3	20.0	98.3		EPA-TO-15	10/22/2022 TC
1,2-Dibromoethane (EDB)*	0.00120	0.00922	0.00119	0.00915		EPA-TO-15	10/22/2022 TC
1,2-Dichlorobenzene	<0.400	<2.40	0.400	2.40		EPA-TO-15	10/22/2022 TC
1,2-Dichloroethane	<0.0400	<0.162	0.0400	0.162		EPA-TO-15	10/22/2022 TC
1,2-Dichloropropane	<0.200	<0.924	0.200	0.924		EPA-TO-15	10/22/2022 TC
1,3,5-Trimethylbenzene	<16.0	<78.7	16.0	78.7		EPA-TO-15	10/22/2022 TC
1,3-Butadiene	0.262	0.579	0.0400	0.0885		EPA-TO-15	10/22/2022 TC
1,3-Dichlorobenzene	<0.400	<2.41	0.400	2.41		EPA-TO-15	10/22/2022 TC
1,4-Dichlorobenzene	<0.400	<2.41	0.400	2.41		EPA-TO-15	10/22/2022 TC
1,4-Dioxane	<1.60	<5.77	1.60	5.77		EPA-TO-15	10/22/2022 TC
(MEK) 2-Butanone	2.14	6.32	1.60	4.72		EPA-TO-15	10/22/2022 TC
2-Hexanone	<40.0	<164	40.0	164		EPA-TO-15	10/22/2022 TC
Isopropyl Alcohol	16.8	41.3	4.00	9.83		EPA-TO-15	10/22/2022 TC
4-Methyl-2-pentanone (MIBK)	<40.0	<164	40.0	164		EPA-TO-15	10/22/2022 TC
Acetone	13.4	31.9	8.00	19.0		EPA-TO-15	10/22/2022 TC
Acrolein*	0.664	1.52	0.00400	0.00917		EPA-TO-15	10/22/2022 TC
Benzene	1.97	6.29	0.0400	0.128		EPA-TO-15	10/22/2022 TC
Benzyl chloride	<4.00	<20.7	4.00	20.7		EPA-TO-15	10/22/2022 TC
Dichlorobromomethane	<0.400	<2.68	0.400	2.68		EPA-TO-15	10/22/2022 TC
Bromoform	<0.400	<4.14	0.400	4.14		EPA-TO-15	10/22/2022 TC
Bromomethane	<0.400	<1.55	0.400	1.55		EPA-TO-15	10/22/2022 TC
Carbon disulfide	<1.60	<4.98	1.60	4.98		EPA-TO-15	10/22/2022 TC
Carbon tetrachloride	0.0665	0.418	0.0400	0.252		EPA-TO-15	10/22/2022 TC

Original



Client: TRC
WorkOrder: 2210323
Project: WA Industries Po# 186484

Client Sample ID: S2-EFF (1020)

Date Sampled: 10/20/2022

Lab ID: 2210323-001A

Date Received: 10/20/2022

Sample Type:

Analyte	Concentration	Reporting Limit	Qual	Method	Date/Analyst
<u>Volatile Organic Compounds by EPA Method TO-15</u>					
	(ppbv)	(ug/m ³)	(ppbv)	(ug/m ³)	
Chlorobenzene	<0.400	<1.84	0.400	1.84	EPA-TO-15 10/22/2022 TC
Dibromochloromethane	<0.0400	<0.341	0.0400	0.341	EPA-TO-15 10/22/2022 TC
Chloroethane	<1.60	<4.22	1.60	4.22	EPA-TO-15 10/22/2022 TC
Chloroform	0.146	0.715	0.0400	0.195	EPA-TO-15 10/22/2022 TC
Chloromethane	0.497	1.03	0.200	0.413	EPA-TO-15 10/22/2022 TC
cis-1,2-Dichloroethene	9.04	35.9	0.400	1.59	EPA-TO-15 10/22/2022 TC
cis-1,3-dichloropropene	<0.200	<0.908	0.200	0.908	EPA-TO-15 10/22/2022 TC
Cyclohexane	<0.400	<1.38	0.400	1.38	EPA-TO-15 10/22/2022 TC
Dichlorodifluoromethane (CFC-12)	0.521	2.58	0.200	0.989	EPA-TO-15 10/22/2022 TC
Dichlorotetrafluoroethane (CFC-114)	<0.200	<1.40	0.200	1.40	EPA-TO-15 10/22/2022 TC
Ethyl acetate	<1.60	<5.77	1.60	5.77	EPA-TO-15 10/22/2022 TC
Ethylbenzene	<16.0	<69.5	16.0	69.5	EPA-TO-15 10/22/2022 TC
Heptane	<16.0	<64.3	16.0	64.3	EPA-TO-15 10/22/2022 TC
Hexachlorobutadiene	<4.00	<42.7	4.00	42.7	EPA-TO-15 10/22/2022 TC
m,p-Xylene	<16.0	<69.5	16.0	69.5	EPA-TO-15 10/22/2022 TC
Methyl methacrylate	<1.60	<6.55	1.60	6.55	EPA-TO-15 10/22/2022 TC
Methylene chloride	<1.60	<5.56	1.60	5.56	EPA-TO-15 10/22/2022 TC
Naphthalene	<0.400	<2.10	0.400	2.10	EPA-TO-15 10/22/2022 TC
n-Hexane	<2.00	<7.05	2.00	7.05	EPA-TO-15 10/22/2022 TC
o-Xylene	<4.00	<17.4	4.00	17.4	EPA-TO-15 10/22/2022 TC
4-Ethyltoluene	2.23	11.0	2.00	9.83	EPA-TO-15 10/22/2022 TC
Propylene	3.68	6.33	1.60	2.75	EPA-TO-15 10/22/2022 TC
Styrene	<16.0	<68.1	16.0	68.1	EPA-TO-15 10/22/2022 TC
Methyl tert-butyl ether (MTBE)	<0.200	<0.721	0.200	0.721	EPA-TO-15 10/22/2022 TC
Tetrachloroethene (PCE)	11.4	77.4	0.0400	0.271	EPA-TO-15 10/22/2022 TC
Tetrahydrofuran	<1.60	<4.72	1.60	4.72	EPA-TO-15 10/22/2022 TC
Toluene	2.09	7.88	0.400	1.51	EPA-TO-15 10/22/2022 TC
trans-1,2-Dichloroethene	0.445	1.76	0.200	0.793	EPA-TO-15 10/22/2022 TC
trans-1,3-dichloropropene	<0.200	<0.908	0.200	0.908	EPA-TO-15 10/22/2022 TC
Trichloroethene (TCE)	111	596	0.400	2.15	EPA-TO-15 10/22/2022 TC



Client: TRC

WorkOrder: 2210323

Project: WA Industries Po# 186484

Client Sample ID: S2-EFF (1020)

Date Sampled: 10/20/2022

Lab ID: 2210323-001A

Date Received: 10/20/2022

Sample Type:

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst
<u>Volatile Organic Compounds by EPA Method TO-15</u>							
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)			
Trichlorofluoromethane (CFC-11)	0.258	1.45	0.200	1.12		EPA-TO-15	10/22/2022 TC
Vinyl acetate	<1.60	<5.63	1.60	5.63		EPA-TO-15	10/22/2022 TC
Vinyl chloride	0.0516	0.132	0.0400	0.102		EPA-TO-15	10/22/2022 TC
Surr: 4-Bromofluorobenzene	91.1 %Rec	--	70-130	--		EPA-TO-15	10/22/2022 TC



Client: TRC

WorkOrder: 2210323

Project: WA Industries Po# 186484

Client Sample ID: Air-EFF

Date Sampled: 10/20/2022

Lab ID: 2210323-002A

Date Received: 10/20/2022

Sample Type:

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst
<u>Volatile Organic Compounds by EPA Method TO-15</u>							
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)			
1,1,1-Trichloroethane	0.344	1.88	0.200	1.09		EPA-TO-15	10/22/2022 TC
1,1,2,2-Tetrachloroethane	<0.0400	<0.275	0.0400	0.275		EPA-TO-15	10/22/2022 TC
CFC-113	<0.200	<1.53	0.200	1.53		EPA-TO-15	10/22/2022 TC
1,1,2-Trichloroethane (TCA)	<0.0400	<0.218	0.0400	0.218		EPA-TO-15	10/22/2022 TC
1,1-Dichloroethane	<0.0400	<0.162	0.0400	0.162		EPA-TO-15	10/22/2022 TC
1,1-Dichloroethene (DCE)	0.0589	0.233	0.0400	0.159		EPA-TO-15	10/22/2022 TC
1,2,4-Trichlorobenzene	<0.400	<2.97	0.400	2.97		EPA-TO-15	10/22/2022 TC
1,2,4-Trimethylbenzene	<2.00	<9.83	2.00	9.83		EPA-TO-15	10/22/2022 TC
1,2-Dibromoethane (EDB)*	0.00176	0.0135	0.00119	0.00915		EPA-TO-15	10/22/2022 TC
1,2-Dichlorobenzene	<0.0400	<0.240	0.0400	0.240		EPA-TO-15	10/22/2022 TC
1,2-Dichloroethane	<0.0400	<0.162	0.0400	0.162		EPA-TO-15	10/22/2022 TC
1,2-Dichloropropane	0.244	1.13	0.200	0.924		EPA-TO-15	10/22/2022 TC
1,3,5-Trimethylbenzene	<1.60	<7.87	1.60	7.87		EPA-TO-15	10/22/2022 TC
1,3-Butadiene	0.301	0.667	0.0400	0.0885		EPA-TO-15	10/22/2022 TC
1,3-Dichlorobenzene	<0.0400	<0.241	0.0400	0.241		EPA-TO-15	10/22/2022 TC
1,4-Dichlorobenzene	<0.0400	<0.241	0.0400	0.241		EPA-TO-15	10/22/2022 TC
1,4-Dioxane	<1.60	<5.77	1.60	5.77		EPA-TO-15	10/22/2022 TC
(MEK) 2-Butanone	<1.60	<4.72	1.60	4.72		EPA-TO-15	10/22/2022 TC
2-Hexanone	<4.00	<16.4	4.00	16.4		EPA-TO-15	10/22/2022 TC
Isopropyl Alcohol	17.3	42.6	4.00	9.83		EPA-TO-15	10/22/2022 TC
4-Methyl-2-pentanone (MIBK)	<4.00	<16.4	4.00	16.4		EPA-TO-15	10/22/2022 TC
Acetone	8.07	19.2	8.00	19.0		EPA-TO-15	10/22/2022 TC
Acrolein*	0.527	1.21	0.00400	0.00917		EPA-TO-15	10/22/2022 TC
Benzene	0.831	2.66	0.0400	0.128		EPA-TO-15	10/22/2022 TC
Benzyl chloride	<0.400	<2.07	0.400	2.07		EPA-TO-15	10/22/2022 TC
Dichlorobromomethane	<0.400	<2.68	0.400	2.68		EPA-TO-15	10/22/2022 TC
Bromoform	<0.0400	<0.414	0.0400	0.414		EPA-TO-15	10/22/2022 TC
Bromomethane	<0.400	<1.55	0.400	1.55		EPA-TO-15	10/22/2022 TC
Carbon disulfide	<1.60	<4.98	1.60	4.98		EPA-TO-15	10/22/2022 TC
Carbon tetrachloride	0.0669	0.421	0.0400	0.252		EPA-TO-15	10/22/2022 TC



Client: TRC
WorkOrder: 2210323
Project: WA Industries Po# 186484

Client Sample ID: Air-EFF
Lab ID: 2210323-002A
Sample Type:

Date Sampled: 10/20/2022
Date Received: 10/20/2022

Analyte	Concentration	Reporting Limit	Qual	Method	Date/Analyst
<u>Volatile Organic Compounds by EPA Method TO-15</u>					
	(ppbv)	(ug/m ³)	(ppbv)	(ug/m ³)	
Chlorobenzene	<0.0400	<0.184	0.0400	0.184	EPA-TO-15 10/22/2022 TC
Dibromochloromethane	<0.0400	<0.341	0.0400	0.341	EPA-TO-15 10/22/2022 TC
Chloroethane	<1.60	<4.22	1.60	4.22	EPA-TO-15 10/22/2022 TC
Chloroform	0.146	0.714	0.0400	0.195	EPA-TO-15 10/22/2022 TC
Chloromethane	0.459	0.948	0.200	0.413	EPA-TO-15 10/22/2022 TC
cis-1,2-Dichloroethene	2.04	8.07	0.400	1.59	EPA-TO-15 10/22/2022 TC
cis-1,3-dichloropropene	<0.200	<0.908	0.200	0.908	EPA-TO-15 10/22/2022 TC
Cyclohexane	<0.400	<1.38	0.400	1.38	EPA-TO-15 10/22/2022 TC
Dichlorodifluoromethane (CFC-12)	0.528	2.61	0.200	0.989	EPA-TO-15 10/22/2022 TC
Dichlorotetrafluoroethane (CFC-114)	<0.200	<1.40	0.200	1.40	EPA-TO-15 10/22/2022 TC
Ethyl acetate	<1.60	<5.77	1.60	5.77	EPA-TO-15 10/22/2022 TC
Ethylbenzene	<1.60	<6.95	1.60	6.95	EPA-TO-15 10/22/2022 TC
Heptane	<1.60	<6.43	1.60	6.43	EPA-TO-15 10/22/2022 TC
Hexachlorobutadiene	<0.400	<4.27	0.400	4.27	EPA-TO-15 10/22/2022 TC
m,p-Xylene	<1.60	<6.95	1.60	6.95	EPA-TO-15 10/22/2022 TC
Methyl methacrylate	<1.60	<6.55	1.60	6.55	EPA-TO-15 10/22/2022 TC
Methylene chloride	<1.60	<5.56	1.60	5.56	EPA-TO-15 10/22/2022 TC
Naphthalene	0.0604	0.317	0.0400	0.210	EPA-TO-15 10/22/2022 TC
n-Hexane	<2.00	<7.05	2.00	7.05	EPA-TO-15 10/22/2022 TC
o-Xylene	<0.400	<1.74	0.400	1.74	EPA-TO-15 10/22/2022 TC
4-Ethyltoluene	0.240	1.18	0.200	0.983	EPA-TO-15 10/22/2022 TC
Propylene	3.35	5.76	1.60	2.75	EPA-TO-15 10/22/2022 TC
Styrene	<1.60	<6.81	1.60	6.81	EPA-TO-15 10/22/2022 TC
Methyl tert-butyl ether (MTBE)	<0.200	<0.721	0.200	0.721	EPA-TO-15 10/22/2022 TC
Tetrachloroethene (PCE)	4.22	28.6	0.0400	0.271	EPA-TO-15 10/22/2022 TC
Tetrahydrofuran	<1.60	<4.72	1.60	4.72	EPA-TO-15 10/22/2022 TC
Toluene	3.06	11.5	0.400	1.51	EPA-TO-15 10/22/2022 TC
trans-1,2-Dichloroethene	<0.200	<0.793	0.200	0.793	EPA-TO-15 10/22/2022 TC
trans-1,3-dichloropropene	<0.200	<0.908	0.200	0.908	EPA-TO-15 10/22/2022 TC
Trichloroethene (TCE)	336	1,810	0.400	2.15	EPA-TO-15 10/22/2022 TC



Client: TRC

WorkOrder: 2210323

Project: WA Industries Po# 186484

Client Sample ID: Air-EFF

Date Sampled: 10/20/2022

Lab ID: 2210323-002A

Date Received: 10/20/2022

Sample Type:

Analyte	Concentration		Reporting Limit		Qual	Method	Date/Analyst	
<u>Volatile Organic Compounds by EPA Method TO-15</u>								
	(ppbv)	(ug/m³)	(ppbv)	(ug/m³)				
Trichlorofluoromethane (CFC-11)	0.248	1.39	0.200	1.12		EPA-TO-15	10/22/2022	TC
Vinyl acetate	<1.60	<5.63	1.60	5.63		EPA-TO-15	10/22/2022	TC
Vinyl chloride	<0.0400	<0.102	0.0400	0.102		EPA-TO-15	10/22/2022	TC
Surr: 4-Bromofluorobenzene	107 %Rec	--	70-130	--		EPA-TO-15	10/22/2022	TC

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: LCS-R79273	SampType: LCS	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: LCSW	Batch ID: R79273	Analysis Date: 10/21/2022						SeqNo: 1632297			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	1.57	0.400	2.000	0	78.5	70	130				
Dichlorodifluoromethane (CFC-12)	2.19	0.0500	2.000	0	109	70	130				
Chloromethane	1.97	0.0500	2.000	0	98.4	70	130				
Dichlorotetrafluoroethane (CFC-114)	1.87	0.0500	2.000	0	93.7	70	130				
Vinyl chloride	2.02	0.0100	2.000	0	101	70	130				
1,3-Butadiene	2.01	0.0100	2.000	0	100	70	130				
Bromomethane	1.96	0.100	2.000	0	97.9	70	130				
Trichlorofluoromethane (CFC-11)	2.02	0.0500	2.000	0	101	70	130				
Chloroethane	1.86	0.400	2.000	0	93.1	70	130				
Acrolein*	1.58	0.00100	2.000	0	79.1	70	130				
1,1-Dichloroethene (DCE)	1.75	0.0100	2.000	0	87.3	70	130				
Acetone	2.06	2.00	2.000	0	103	70	130				
Isopropyl Alcohol	1.79	1.00	2.000	0	89.5	70	130				
Methylene chloride	2.02	0.400	2.000	0	101	70	130				
Carbon disulfide	1.95	0.400	2.000	0	97.5	70	130				
trans-1,2-Dichloroethene	2.10	0.0500	2.000	0	105	70	130				
Methyl tert-butyl ether (MTBE)	1.73	0.0500	2.000	0	86.5	70	130				
n-Hexane	1.73	0.500	2.000	0	86.4	70	130				
1,1-Dichloroethane	2.15	0.0100	2.000	0	107	70	130				
Vinyl acetate	1.74	0.400	2.000	0	87.2	70	130				
cis-1,2-Dichloroethene	2.04	0.100	2.000	0	102	70	130				
(MEK) 2-Butanone	1.65	0.400	2.000	0	82.6	70	130				
Ethyl acetate	1.66	0.400	2.000	0	83.0	70	130				
Chloroform	2.11	0.0100	2.000	0	105	70	130				
Tetrahydrofuran	1.63	0.400	2.000	0	81.3	70	130				
1,1,1-Trichloroethane	1.86	0.0500	2.000	0	93.0	70	130				
Carbon tetrachloride	2.03	0.0100	2.000	0	102	70	130				
1,2-Dichloroethane	2.15	0.0100	2.000	0	108	70	130				
Benzene	1.99	0.0100	2.000	0	99.7	70	130				
Cyclohexane	1.88	0.100	2.000	0	94.2	70	130				
Trichloroethene (TCE)	1.87	0.0100	2.000	0	93.6	70	130				
1,2-Dichloropropane	1.85	0.0500	2.000	0	92.7	70	130				

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: LCS-R79273	SampType: LCS	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: LCSW	Batch ID: R79273	Analysis Date: 10/21/2022						SeqNo: 1632297			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl methacrylate	1.42	0.400	2.000	0	70.9	70	130				
Dichlorobromomethane	1.90	0.100	2.000	0	95.2	70	130				
1,4-Dioxane	1.64	0.400	2.000	0	82.2	70	130				
cis-1,3-dichloropropene	1.51	0.0500	2.000	0	75.6	70	130				
Toluene	1.80	0.100	2.000	0	90.2	70	130				
trans-1,3-dichloropropene	1.49	0.0500	2.000	0	74.7	70	130				
1,1,2-Trichloroethane (TCA)	2.01	0.0100	2.000	0	100	70	130				
Tetrachloroethene (PCE)	1.79	0.0100	2.000	0	89.7	70	130				
Dibromochloromethane	1.82	0.0100	2.000	0	90.8	70	130				
1,2-Dibromoethane (EDB)*	1.88	0.000298	2.000	0	93.8	70	130				
Chlorobenzene	2.09	0.0100	2.000	0	104	70	130				
Ethylbenzene	1.67	0.400	2.000	0	83.6	70	130				
m,p-Xylene	4.01	0.400	4.000	0	100	70	130				
o-Xylene	1.80	0.100	2.000	0	90.0	70	130				
Styrene	1.74	0.400	2.000	0	87.1	70	130				
Bromoform	2.06	0.0100	2.000	0	103	70	130				
1,1,1,2-Tetrachloroethane	2.22	0.0100	2.000	0	111	70	130				
1,3,5-Trimethylbenzene	2.08	0.400	2.000	0	104	70	130				
1,2,4-Trimethylbenzene	1.81	0.500	2.000	0	90.3	70	130				
Benzyl chloride	1.57	0.100	2.000	0	78.6	70	130				
4-Ethyltoluene	2.28	0.0500	2.000	0	114	70	130				
1,3-Dichlorobenzene	2.25	0.0100	2.000	0	112	70	130				
1,4-Dichlorobenzene	2.23	0.0100	2.000	0	111	70	130				
1,2-Dichlorobenzene	2.31	0.0100	2.000	0	115	70	130				
1,2,4-Trichlorobenzene	1.80	0.100	2.000	0	89.9	70	130				
Hexachlorobutadiene	2.09	0.100	2.000	0	104	70	130				
Naphthalene	1.60	0.0100	2.000	0	80.0	70	130				
2-Hexanone	1.49	1.00	2.000	0	74.6	70	130				
4-Methyl-2-pentanone (MIBK)	1.69	1.00	2.000	0	84.4	70	130				
CFC-113	2.17	0.0500	2.000	0	108	70	130				
Heptane	1.85	0.400	2.000	0	92.5	70	130				
Surr: 4-Bromofluorobenzene	4.48		4.000		112	70	130				

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: LCS-R79273		SampType: LCS			Units: ppbv		Prep Date: 10/21/2022			RunNo: 79273		
Client ID: LCSW		Batch ID: R79273			Analysis Date: 10/21/2022					SeqNo: 1632297		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Sample ID: LCS-D-R79273	SampType: LCS-D	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: LCSW02	Batch ID: R79273	Analysis Date: 10/21/2022						SeqNo: 1632298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	1.74	0.400	2.000	0	86.8	70	130	1.570	10.0	25	
Dichlorodifluoromethane (CFC-12)	2.07	0.0500	2.000	0	104	70	130	2.189	5.34	25	
Chloromethane	1.92	0.0500	2.000	0	95.9	70	130	1.969	2.57	25	
Dichlorotetrafluoroethane (CFC-114)	1.81	0.0500	2.000	0	90.7	70	130	1.873	3.24	25	
Vinyl chloride	2.04	0.0100	2.000	0	102	70	130	2.025	0.623	25	
1,3-Butadiene	2.07	0.0100	2.000	0	103	70	130	2.006	2.94	25	
Bromomethane	1.92	0.100	2.000	0	96.1	70	130	1.958	1.82	25	
Trichlorofluoromethane (CFC-11)	1.96	0.0500	2.000	0	98.2	70	130	2.020	2.77	25	
Chloroethane	1.99	0.400	2.000	0	99.4	70	130	1.862	6.54	25	
Acrolein*	1.88	0.00100	2.000	0	93.8	70	130	1.582	17.1	25	
1,1-Dichloroethene (DCE)	1.93	0.0100	2.000	0	96.5	70	130	1.747	9.93	25	
Acetone	2.43	2.00	2.000	0	121	70	130	2.063	16.1	25	
Isopropyl Alcohol	2.12	1.00	2.000	0	106	70	130	1.789	17.0	25	
Methylene chloride	1.88	0.400	2.000	0	94.0	70	130	2.019	7.13	25	
Carbon disulfide	2.04	0.400	2.000	0	102	70	130	1.951	4.43	25	
trans-1,2-Dichloroethene	2.02	0.0500	2.000	0	101	70	130	2.103	3.84	25	
Methyl tert-butyl ether (MTBE)	1.75	0.0500	2.000	0	87.5	70	130	1.730	1.14	25	
n-Hexane	1.67	0.500	2.000	0	83.7	70	130	1.728	3.24	25	
1,1-Dichloroethane	2.10	0.0100	2.000	0	105	70	130	2.148	2.11	25	
Vinyl acetate	1.79	0.400	2.000	0	89.4	70	130	1.744	2.50	25	
cis-1,2-Dichloroethene	2.09	0.100	2.000	0	104	70	130	2.035	2.57	25	
(MEK) 2-Butanone	1.67	0.400	2.000	0	83.6	70	130	1.652	1.20	25	
Ethyl acetate	1.69	0.400	2.000	0	84.6	70	130	1.660	1.95	25	
Chloroform	2.12	0.0100	2.000	0	106	70	130	2.107	0.759	25	
Tetrahydrofuran	1.69	0.400	2.000	0	84.4	70	130	1.627	3.74	25	
1,1,1-Trichloroethane	1.84	0.0500	2.000	0	92.2	70	130	1.861	0.943	25	

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: LCSD-R79273	SampType: LCSD	Units: ppbv				Prep Date: 10/21/2022			RunNo: 79273		
Client ID: LCSW02	Batch ID: R79273	Analysis Date: 10/21/2022							SeqNo: 1632298		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	1.94	0.0100	2.000	0	96.8	70	130	2.031	4.74	25	
1,2-Dichloroethane	2.11	0.0100	2.000	0	106	70	130	2.154	2.07	25	
Benzene	2.08	0.0100	2.000	0	104	70	130	1.994	4.11	25	
Cyclohexane	1.89	0.100	2.000	0	94.5	70	130	1.884	0.280	25	
Trichloroethene (TCE)	1.83	0.0100	2.000	0	91.7	70	130	1.872	2.05	25	
1,2-Dichloropropane	1.80	0.0500	2.000	0	90.0	70	130	1.854	2.99	25	
Methyl methacrylate	1.43	0.400	2.000	0	71.6	70	130	1.418	0.975	25	
Dichlorobromomethane	1.81	0.100	2.000	0	90.3	70	130	1.904	5.22	25	
1,4-Dioxane	1.62	0.400	2.000	0	81.0	70	130	1.643	1.36	25	
cis-1,3-dichloropropene	1.50	0.0500	2.000	0	75.1	70	130	1.513	0.752	25	
Toluene	1.77	0.100	2.000	0	88.6	70	130	1.803	1.73	25	
trans-1,3-dichloropropene	1.52	0.0500	2.000	0	75.8	70	130	1.495	1.42	25	
1,1,2-Trichloroethane (TCA)	1.81	0.0100	2.000	0	90.6	70	130	2.009	10.3	25	
Tetrachloroethene (PCE)	1.69	0.0100	2.000	0	84.4	70	130	1.794	6.12	25	
Dibromochloromethane	1.71	0.0100	2.000	0	85.5	70	130	1.816	6.05	25	
1,2-Dibromoethane (EDB)*	1.74	0.000298	2.000	0	86.8	70	130	1.876	7.73	25	
Chlorobenzene	2.05	0.0100	2.000	0	103	70	130	2.089	1.83	25	
Ethylbenzene	1.67	0.400	2.000	0	83.6	70	130	1.671	0.0969	25	
m,p-Xylene	4.08	0.400	4.000	0	102	70	130	4.008	1.72	25	
o-Xylene	1.86	0.100	2.000	0	92.9	70	130	1.800	3.18	25	
Styrene	1.78	0.400	2.000	0	89.1	70	130	1.743	2.23	25	
Bromoform	1.92	0.0100	2.000	0	95.8	70	130	2.064	7.42	25	
1,1,2,2-Tetrachloroethane	2.08	0.0100	2.000	0	104	70	130	2.221	6.68	25	
1,3,5-Trimethylbenzene	2.06	0.400	2.000	0	103	70	130	2.077	0.864	25	
1,2,4-Trimethylbenzene	1.81	0.500	2.000	0	90.6	70	130	1.807	0.260	25	
Benzyl chloride	1.54	0.100	2.000	0	76.9	70	130	1.572	2.19	25	
4-Ethyltoluene	2.23	0.0500	2.000	0	111	70	130	2.282	2.33	25	
1,3-Dichlorobenzene	2.16	0.0100	2.000	0	108	70	130	2.247	3.89	25	
1,4-Dichlorobenzene	2.19	0.0100	2.000	0	110	70	130	2.229	1.76	25	
1,2-Dichlorobenzene	2.20	0.0100	2.000	0	110	70	130	2.308	5.02	25	
1,2,4-Trichlorobenzene	1.93	0.100	2.000	0	96.3	70	130	1.798	6.87	25	
Hexachlorobutadiene	2.00	0.100	2.000	0	100	70	130	2.087	4.15	25	

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: LCSD-R79273	SampType: LCSD	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: LCSW02	Batch ID: R79273	Analysis Date: 10/21/2022						SeqNo: 1632298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1.86	0.0100	2.000	0	93.1	70	130	1.600	15.2	25	
2-Hexanone	1.48	1.00	2.000	0	73.9	70	130	1.491	0.905	25	
4-Methyl-2-pentanone (MIBK)	1.71	1.00	2.000	0	85.6	70	130	1.689	1.37	25	
CFC-113	2.18	0.0500	2.000	0	109	70	130	2.169	0.464	25	
Heptane	1.84	0.400	2.000	0	92.0	70	130	1.850	0.550	25	
Surr: 4-Bromofluorobenzene	4.30		4.000		107	70	130		0		

Sample ID: MB-R79273		SampType: MBLK		Units: ppbv		Prep Date: 10/21/2022			RunNo: 79273		
Client ID: MBLKW		Batch ID: R79273					Analysis Date: 10/21/2022			SeqNo: 1632299	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.400									
Dichlorodifluoromethane (CFC-12)	ND	0.0500									
Chloromethane	ND	0.0500									
Dichlorotetrafluoroethane (CFC-114)	ND	0.0500									
Vinyl chloride	ND	0.0100									
1,3-Butadiene	0.0112	0.0100									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.400									
Acrolein*	ND	0.00100									
1,1-Dichloroethene (DCE)	ND	0.0100									
Acetone	ND	2.00									
Isopropyl Alcohol	ND	1.00									
Methylene chloride	ND	0.400									
Carbon disulfide	ND	0.400									
trans-1,2-Dichloroethene	ND	0.0500									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
n-Hexane	ND	0.500									
1,1-Dichloroethane	ND	0.0100									
Vinyl acetate	ND	0.400									

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: MB-R79273	SampType: MBLK	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: MBLKW	Batch ID: R79273	Analysis Date: 10/21/2022						SeqNo: 1632299			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.100									
(MEK) 2-Butanone	ND	0.400									
Ethyl acetate	ND	0.400									
Chloroform	ND	0.0100									
Tetrahydrofuran	ND	0.400									
1,1,1-Trichloroethane	ND	0.0500									
Carbon tetrachloride	ND	0.0100									
1,2-Dichloroethane	ND	0.0100									
Benzene	ND	0.0100									
Cyclohexane	ND	0.100									
Trichloroethene (TCE)	ND	0.0100									
1,2-Dichloropropane	ND	0.0500									
Methyl methacrylate	ND	0.400									
Dichlorobromomethane	ND	0.100									
1,4-Dioxane	ND	0.400									
cis-1,3-dichloropropene	ND	0.0500									
Toluene	ND	0.100									
trans-1,3-dichloropropene	ND	0.0500									
1,1,2-Trichloroethane (TCA)	ND	0.0100									
Tetrachloroethene (PCE)	ND	0.0100									
Dibromochloromethane	ND	0.0100									
1,2-Dibromoethane (EDB)*	0.00101	0.000298									
Chlorobenzene	ND	0.0100									
Ethylbenzene	ND	0.400									
m,p-Xylene	ND	0.400									
o-Xylene	ND	0.100									
Styrene	ND	0.400									
Bromoform	ND	0.0100									
1,1,2,2-Tetrachloroethane	ND	0.0100									
1,3,5-Trimethylbenzene	ND	0.400									
1,2,4-Trimethylbenzene	ND	0.500									
Benzyl chloride	ND	0.100									

Work Order: 2210323
CLIENT: TRC
Project: WA Industries Po# 186484

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: MB-R79273	SampType: MBLK	Units: ppbv			Prep Date: 10/21/2022			RunNo: 79273			
Client ID: MBLKW	Batch ID: R79273				Analysis Date: 10/21/2022			SeqNo: 1632299			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Ethyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0100									
1,4-Dichlorobenzene	ND	0.0100									
1,2-Dichlorobenzene	ND	0.0100									
1,2,4-Trichlorobenzene	ND	0.100									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0100									
2-Hexanone	ND	1.00									
4-Methyl-2-pentanone (MIBK)	ND	1.00									
CFC-113	ND	0.0500									
Heptane	ND	0.400									
Surr: 4-Bromofluorobenzene	2.94		4.000		73.4	70	130				

Client Name: **TRCI**

 Work Order Number: **2210323**

 Logged by: **Elisabeth Samoray**

 Date Received: **10/20/2022 11:45:00 AM**

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

Person Notified:	<u>Mariem Esparra</u>	Date:	<u>10/24/2022</u>
By Whom:	<u>Brianna Barnes</u>	Via:	☒ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	<u>Lab was unable to meet the hold time for 8260. Will TO15 data work?</u>		
Client Instructions:	<u>Report TO15 data.</u>		

19. Additional remarks:

Item Information

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



Fremont
Analytical

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

Chain of Custody Record & Laboratory Services Agreement

Date: 10-20-22

Page: 1 of 1

Laboratory Project No (internal): 2210323

Project Name: WA Industries

Project No: 015354

Collected by: A. York

Location: Seattle, WA

Report To (PM): Marten Esparra

PM Email: MEsparra@TRC.com

Special Remarks:

PO#
186484

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

Client: TRC

Address: 1180 NW Maple St, Ste 310

City, State, Zip: Issaquah, WA 98043

Telephone: 425-395-0010

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HID)	Diesel/Heavy Oil Range Organics (DOX)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 8210 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 S2-EFF (1020)	10-20-22	1020	A	1	X												
2 AIR-EFF	10-20-22	1035	A	1	X												
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

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

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

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

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

Turn-around Time:

☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

Relinquished (Signature)

Print Name

Date/Time

x

Austin York

10-20-22 / 1145

Received (Signature)

Print Name

Date/Time

x

Lily Baumgart

10/20/22 11:45

Relinquished (Signature)

Print Name

Date/Time

x

Received (Signature)

Print Name

Date/Time

x



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries

Work Order Number: 2211277

November 18, 2022

Attention Mariem Esparra:

Fremont Analytical, Inc. received 2 sample(s) on 11/11/2022 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com



Date: 11/18/2022

CLIENT: TRC
Project: WA Industries
Work Order: 2211277

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2211277-001	S2-EFF-(1111)	11/11/2022 9:33 AM	11/11/2022 10:48 AM
2211277-002	AIR-EFF	11/11/2022 10:05 AM	11/11/2022 10:48 AM

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



Case Narrative

WO#: 2211277

Date: 11/18/2022

CLIENT: TRC
Project: WA Industries

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ug/L.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2211277

Date Reported: 11/18/2022

Client: TRC

Collection Date: 11/11/2022 9:33:00 AM

Project: WA Industries

Lab ID: 2211277-001

Matrix: Air

Client Sample ID: S2-EFF-(1111)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38554

Analyst: LAC

Dichlorodifluoromethane	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Chloromethane	ND	0.0750		µg/L	1	11/14/2022 5:10:03 PM
Vinyl chloride	ND	0.0200		µg/L	1	11/14/2022 5:10:03 PM
Bromomethane	ND	0.300		µg/L	1	11/14/2022 5:10:03 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
Chloroethane	ND	0.100		µg/L	1	11/14/2022 5:10:03 PM
1,1-Dichloroethene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Acetone	ND	0.500		µg/L	1	11/14/2022 5:10:03 PM
Methylene chloride	ND	0.0750		µg/L	1	11/14/2022 5:10:03 PM
trans-1,2-Dichloroethene	ND	0.0350		µg/L	1	11/14/2022 5:10:03 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350		µg/L	1	11/14/2022 5:10:03 PM
1,1-Dichloroethane	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
(MEK) 2-Butanone	ND	0.150		µg/L	1	11/14/2022 5:10:03 PM
Chloroform	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
1,1-Dichloropropene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Carbon tetrachloride	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
1,2-Dichloroethane (EDC)	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Benzene	ND	0.0440		µg/L	1	11/14/2022 5:10:03 PM
Trichloroethene (TCE)	0.741	0.0400		µg/L	1	11/14/2022 5:10:03 PM
1,2-Dichloropropane	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
Bromodichloromethane	ND	0.0250		µg/L	1	11/14/2022 5:10:03 PM
Dibromomethane	ND	0.0250		µg/L	1	11/14/2022 5:10:03 PM
cis-1,3-Dichloropropene	ND	0.0350		µg/L	1	11/14/2022 5:10:03 PM
Toluene	ND	0.100		µg/L	1	11/14/2022 5:10:03 PM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100		µg/L	1	11/14/2022 5:10:03 PM
1,1,2-Trichloroethane	ND	0.0250		µg/L	1	11/14/2022 5:10:03 PM
1,3-Dichloropropane	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
Tetrachloroethene (PCE)	0.0740	0.0350		µg/L	1	11/14/2022 5:10:03 PM
Dibromochloromethane	ND	0.0300		µg/L	1	11/14/2022 5:10:03 PM
1,2-Dibromoethane (EDB)	ND	0.0200		µg/L	1	11/14/2022 5:10:03 PM
2-Hexanone	ND	0.125		µg/L	1	11/14/2022 5:10:03 PM
Chlorobenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,1,1,2-Tetrachloroethane	ND	0.0300	Q	µg/L	1	11/14/2022 5:10:03 PM
Ethylbenzene	ND	0.0400		µg/L	1	11/14/2022 5:10:03 PM
m,p-Xylene	ND	0.100		µg/L	1	11/14/2022 5:10:03 PM
o-Xylene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM

Original



Analytical Report

Work Order: 2211277

Date Reported: 11/18/2022

Client: TRC

Collection Date: 11/11/2022 9:33:00 AM

Project: WA Industries

Lab ID: 2211277-001

Matrix: Air

Client Sample ID: S2-EFF-(1111)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38554

Analyst: LAC

Styrene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Isopropylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Bromoform	ND	0.0300	Q	µg/L	1	11/14/2022 5:10:03 PM
1,1,2,2-Tetrachloroethane	ND	0.0200		µg/L	1	11/14/2022 5:10:03 PM
n-Propylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Bromobenzene	ND	0.0500	Q	µg/L	1	11/14/2022 5:10:03 PM
1,3,5-Trimethylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
2-Chlorotoluene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
4-Chlorotoluene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
tert-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	11/14/2022 5:10:03 PM
1,2,4-Trichlorobenzene	ND	0.0750	Q	µg/L	1	11/14/2022 5:10:03 PM
sec-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
4-Isopropyltoluene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
n-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	11/14/2022 5:10:03 PM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Hexachlorobutadiene	ND	0.0500		µg/L	1	11/14/2022 5:10:03 PM
Naphthalene	ND	0.125		µg/L	1	11/14/2022 5:10:03 PM
1,2,3-Trichlorobenzene	ND	0.0700	Q	µg/L	1	11/14/2022 5:10:03 PM
Surr: Dibromofluoromethane	119	80 - 121		%Rec	1	11/14/2022 5:10:03 PM
Surr: Toluene-d8	123	80 - 120	S	%Rec	1	11/14/2022 5:10:03 PM
Surr: 1-Bromo-4-fluorobenzene	93.4	80 - 120		%Rec	1	11/14/2022 5:10:03 PM

NOTES:

S - Outlying surrogate recovery(ies) observed.

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



Analytical Report

Work Order: 2211277

Date Reported: 11/18/2022

Client: TRC

Collection Date: 11/11/2022 10:05:00 AM

Project: WA Industries

Lab ID: 2211277-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38554

Analyst: LAC

Dichlorodifluoromethane	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Chloromethane	ND	0.0750		µg/L	1	11/14/2022 4:09:38 PM
Vinyl chloride	ND	0.0200		µg/L	1	11/14/2022 4:09:38 PM
Bromomethane	ND	0.300		µg/L	1	11/14/2022 4:09:38 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
Chloroethane	ND	0.100		µg/L	1	11/14/2022 4:09:38 PM
1,1-Dichloroethene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Acetone	ND	0.500		µg/L	1	11/14/2022 4:09:38 PM
Methylene chloride	ND	0.0750		µg/L	1	11/14/2022 4:09:38 PM
trans-1,2-Dichloroethene	ND	0.0350		µg/L	1	11/14/2022 4:09:38 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350		µg/L	1	11/14/2022 4:09:38 PM
1,1-Dichloroethane	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
(MEK) 2-Butanone	ND	0.150		µg/L	1	11/14/2022 4:09:38 PM
Chloroform	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
1,1-Dichloropropene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Carbon tetrachloride	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
1,2-Dichloroethane (EDC)	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Benzene	ND	0.0440		µg/L	1	11/14/2022 4:09:38 PM
Trichloroethene (TCE)	2.19	0.0400		µg/L	1	11/14/2022 4:09:38 PM
1,2-Dichloropropane	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
Bromodichloromethane	ND	0.0250		µg/L	1	11/14/2022 4:09:38 PM
Dibromomethane	ND	0.0250		µg/L	1	11/14/2022 4:09:38 PM
cis-1,3-Dichloropropene	ND	0.0350		µg/L	1	11/14/2022 4:09:38 PM
Toluene	ND	0.100		µg/L	1	11/14/2022 4:09:38 PM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100		µg/L	1	11/14/2022 4:09:38 PM
1,1,2-Trichloroethane	ND	0.0250		µg/L	1	11/14/2022 4:09:38 PM
1,3-Dichloropropane	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
Tetrachloroethene (PCE)	ND	0.0350		µg/L	1	11/14/2022 4:09:38 PM
Dibromochloromethane	ND	0.0300		µg/L	1	11/14/2022 4:09:38 PM
1,2-Dibromoethane (EDB)	ND	0.0200		µg/L	1	11/14/2022 4:09:38 PM
2-Hexanone	ND	0.125		µg/L	1	11/14/2022 4:09:38 PM
Chlorobenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,1,1,2-Tetrachloroethane	ND	0.0300	Q	µg/L	1	11/14/2022 4:09:38 PM
Ethylbenzene	ND	0.0400		µg/L	1	11/14/2022 4:09:38 PM
m,p-Xylene	ND	0.100		µg/L	1	11/14/2022 4:09:38 PM
o-Xylene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM

Original



Analytical Report

Work Order: 2211277

Date Reported: 11/18/2022

Client: TRC

Collection Date: 11/11/2022 10:05:00 AM

Project: WA Industries

Lab ID: 2211277-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38554

Analyst: LAC

Styrene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Isopropylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Bromoform	ND	0.0300	Q	µg/L	1	11/14/2022 4:09:38 PM
1,1,2,2-Tetrachloroethane	ND	0.0200		µg/L	1	11/14/2022 4:09:38 PM
n-Propylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Bromobenzene	ND	0.0500	Q	µg/L	1	11/14/2022 4:09:38 PM
1,3,5-Trimethylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
2-Chlorotoluene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
4-Chlorotoluene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
tert-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	11/14/2022 4:09:38 PM
1,2,4-Trichlorobenzene	ND	0.0750	Q	µg/L	1	11/14/2022 4:09:38 PM
sec-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
4-Isopropyltoluene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
n-Butylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	11/14/2022 4:09:38 PM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Hexachlorobutadiene	ND	0.0500		µg/L	1	11/14/2022 4:09:38 PM
Naphthalene	ND	0.125		µg/L	1	11/14/2022 4:09:38 PM
1,2,3-Trichlorobenzene	ND	0.0700	Q	µg/L	1	11/14/2022 4:09:38 PM
Surr: Dibromofluoromethane	118	80 - 121		%Rec	1	11/14/2022 4:09:38 PM
Surr: Toluene-d8	125	80 - 120	S	%Rec	1	11/14/2022 4:09:38 PM
Surr: 1-Bromo-4-fluorobenzene	93.1	80 - 120		%Rec	1	11/14/2022 4:09:38 PM

NOTES:

S - Outlying surrogate recovery(ies) observed.

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

Work Order: 2211277
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38554	SampType: LCS	Units: µg/L				Prep Date: 11/14/2022			RunNo: 79947		
Client ID: LCSW	Batch ID: 38554	Analysis Date: 11/14/2022						SeqNo: 1649692			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.40	0.0500	2.000	0	120	80	120				
Chloromethane	2.89	0.0750	2.000	0	144	80	120				S
Vinyl chloride	2.77	0.0200	2.000	0	138	80	120				S
Bromomethane	1.98	0.300	2.000	0	98.8	80	120				
Trichlorofluoromethane (CFC-11)	2.18	0.0300	2.000	0	109	80	120				
Chloroethane	2.88	0.100	2.000	0	144	80	120				S
1,1-Dichloroethene	2.55	0.0500	2.000	0	127	80	120				S
Acetone	6.81	0.500	5.000	0	136	80	120				BS
Methylene chloride	2.54	0.0750	2.000	0	127	80	120				S
trans-1,2-Dichloroethene	2.48	0.0350	2.000	0	124	80	120				S
Methyl tert-butyl ether (MTBE)	2.16	0.0350	2.000	0	108	80	120				
1,1-Dichloroethane	2.78	0.0500	2.000	0	139	80	120				S
cis-1,2-Dichloroethene	2.34	0.0500	2.000	0	117	80	120				
(MEK) 2-Butanone	5.50	0.150	5.000	0	110	80	120				
Chloroform	2.27	0.0500	2.000	0	113	80	120				
1,1,1-Trichloroethane (TCA)	2.06	0.0300	2.000	0	103	80	120				
1,1-Dichloropropene	2.57	0.0500	2.000	0	128	80	120				S
Carbon tetrachloride	1.95	0.0300	2.000	0	97.6	80	120				
1,2-Dichloroethane (EDC)	2.02	0.0500	2.000	0	101	80	120				
Benzene	2.60	0.0440	2.000	0	130	80	120				S
Trichloroethene (TCE)	2.30	0.0400	2.000	0	115	80	120				
1,2-Dichloropropane	2.96	0.0300	2.000	0	148	80	120				S
Bromodichloromethane	2.11	0.0250	2.000	0	106	80	120				
Dibromomethane	2.11	0.0250	2.000	0	105	80	120				
cis-1,3-Dichloropropene	2.48	0.0350	2.000	0	124	80	120				S
Toluene	2.44	0.100	2.000	0	122	80	120				S
trans-1,3-Dichloropropylene	2.27	0.0500	2.000	0	114	80	120				
Methyl Isobutyl Ketone (MIBK)	4.54	0.100	5.000	0	90.8	80	120				
1,1,2-Trichloroethane	2.17	0.0250	2.000	0	108	80	120				
1,3-Dichloropropane	2.40	0.0300	2.000	0	120	80	120				
Tetrachloroethene (PCE)	1.98	0.0350	2.000	0	99.1	80	120				
Dibromochloromethane	1.85	0.0300	2.000	0	92.3	80	120				

Work Order: 2211277
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38554	SampType: LCS		Units: µg/L		Prep Date: 11/14/2022			RunNo: 79947			
Client ID: LCSW	Batch ID: 38554		Analysis Date: 11/14/2022						SeqNo: 1649692		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	2.06	0.0200	2.000	0	103	80	120				
2-Hexanone	5.91	0.125	5.000	0	118	80	120				
Chlorobenzene	1.88	0.0500	2.000	0	94.2	80	120				
1,1,1,2-Tetrachloroethane	1.60	0.0300	2.000	0	79.9	80	120				S
Ethylbenzene	1.99	0.0400	2.000	0	99.6	80	120				
m,p-Xylene	3.86	0.100	4.000	0	96.5	80	120				
o-Xylene	1.89	0.0500	2.000	0	94.5	80	120				
Styrene	1.82	0.0500	2.000	0	90.8	80	120				
Isopropylbenzene	1.81	0.0500	2.000	0	90.6	80	120				
Bromoform	1.22	0.0300	2.000	0	61.2	80	120				S
1,1,2,2-Tetrachloroethane	1.73	0.0200	2.000	0	86.6	80	120				
n-Propylbenzene	1.90	0.0500	2.000	0	95.0	80	120				
Bromobenzene	1.44	0.0500	2.000	0	72.2	80	120				S
1,3,5-Trimethylbenzene	1.78	0.0500	2.000	0	88.8	80	120				
2-Chlorotoluene	1.84	0.0500	2.000	0	92.2	80	120				
4-Chlorotoluene	1.75	0.0500	2.000	0	87.7	80	120				
tert-Butylbenzene	1.73	0.0500	2.000	0	86.5	80	120				
1,2,3-Trichloropropane	1.67	0.0400	2.000	0	83.6	80	120				
1,2,4-Trichlorobenzene	1.56	0.0750	2.000	0	77.8	80	120				S
sec-Butylbenzene	1.82	0.0500	2.000	0	91.2	80	120				
4-Isopropyltoluene	1.72	0.0500	2.000	0	85.9	80	120				
1,3-Dichlorobenzene	1.79	0.0500	2.000	0	89.5	80	120				
1,4-Dichlorobenzene	1.77	0.0500	2.000	0	88.6	80	120				
n-Butylbenzene	2.26	0.0500	2.000	0	113	80	120				
1,2-Dichlorobenzene	1.76	0.0500	2.000	0	88.2	80	120				
1,2-Dibromo-3-chloropropane	1.53	0.100	2.000	0	76.5	80	120				S
1,2,4-Trimethylbenzene	1.76	0.0500	2.000	0	88.2	80	120				
Hexachlorobutadiene	1.61	0.0500	2.000	0	80.7	80	120				
Naphthalene	1.61	0.125	2.000	0	80.3	80	120				
1,2,3-Trichlorobenzene	1.50	0.0700	2.000	0	74.8	80	120				S
Surr: Dibromofluoromethane	2.95		2.500		118	80	120				
Surr: Toluene-d8	3.21		2.500		128	80	120				S

Work Order: 2211277
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38554		SampType: LCS		Units: µg/L		Prep Date: 11/14/2022			RunNo: 79947			
Client ID: LCSW		Batch ID: 38554					Analysis Date: 11/14/2022			SeqNo: 1649692		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Surr: 1-Bromo-4-fluorobenzene	2.42		2.500		97.0	80	120					

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.
 S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.
 S - Outlying surrogate recovery(ies) observed.

Sample ID: MB-38554	SampType: MBLK	Units: µg/L			Prep Date: 11/14/2022			RunNo: 79947			
Client ID: MBLKW	Batch ID: 38554	Analysis Date: 11/14/2022						SeqNo: 1649690			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.300									
Trichlorofluoromethane (CFC-11)	ND	0.0300									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	0.915	0.500									Q
Methylene chloride	ND	0.0750									
trans-1,2-Dichloroethene	ND	0.0350									
Methyl tert-butyl ether (MTBE)	ND	0.0350									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0300									
1,1-Dichloropropene	ND	0.0500									
Carbon tetrachloride	ND	0.0300									
1,2-Dichloroethane (EDC)	ND	0.0500									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0400									
1,2-Dichloropropane	ND	0.0300									

Work Order: 2211277
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-38554	SampType: MBLK	Units: µg/L			Prep Date: 11/14/2022			RunNo: 79947			
Client ID: MBLKW	Batch ID: 38554	Analysis Date: 11/14/2022						SeqNo: 1649690			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	0.0250									
Dibromomethane	ND	0.0250									
cis-1,3-Dichloropropene	ND	0.0350									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.100									
1,1,2-Trichloroethane	ND	0.0250									
1,3-Dichloropropane	ND	0.0300									
Tetrachloroethene (PCE)	ND	0.0350									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.0200									
2-Hexanone	ND	0.125									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									Q
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0300									Q
1,1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									Q
1,3,5-Trimethylbenzene	ND	0.0500									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									Q
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									

Work Order: 2211277
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-38554	SampType: MBLK	Units: µg/L			Prep Date: 11/14/2022			RunNo: 79947			
Client ID: MBLKW	Batch ID: 38554				Analysis Date: 11/14/2022			SeqNo: 1649690			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									
1,2-Dichlorobenzene	ND	0.0500									
1,2-Dibromo-3-chloropropane	ND	0.100									Q
1,2,4-Trimethylbenzene	ND	0.0500									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.125									
1,2,3-Trichlorobenzene	ND	0.0700									Q
Surr: Dibromofluoromethane	2.95		2.500		118	80	121				
Surr: Toluene-d8	3.08		2.500		123	80	120				S
Surr: 1-Bromo-4-fluorobenzene	2.30		2.500		91.9	80	120				

NOTES:

S - Outlying surrogate recovery(ies) observed.

Q - Associated calibration verification is above acceptance criteria. Result may be high-biased.

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

Sample ID: 2211277-002ADUP		SampType: DUP		Units: µg/L		Prep Date: 11/14/2022			RunNo: 79947		
Client ID: AIR-EFF		Batch ID: 38554					Analysis Date: 11/14/2022			SeqNo: 1649689	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500						0		30	
Chloromethane	ND	0.0750						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.300						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0300						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.0500						0		30	
Acetone	ND	0.500						0		30	
Methylene chloride	ND	0.0750						0		30	
trans-1,2-Dichloroethene	ND	0.0350						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0350						0		30	
1,1-Dichloroethane	ND	0.0500						0		30	

Work Order: 2211277
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2211277-002ADUP		SampType: DUP		Units: µg/L		Prep Date: 11/14/2022			RunNo: 79947			
Client ID: AIR-EFF		Batch ID: 38554					Analysis Date: 11/14/2022			SeqNo: 1649689		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
cis-1,2-Dichloroethene	ND	0.0500						0		30		
(MEK) 2-Butanone	ND	0.150						0		30		
Chloroform	ND	0.0500						0		30		
1,1,1-Trichloroethane (TCA)	ND	0.0300						0		30		
1,1-Dichloropropene	ND	0.0500						0		30		
Carbon tetrachloride	ND	0.0300						0		30		
1,2-Dichloroethane (EDC)	ND	0.0500						0		30		
Benzene	ND	0.0440						0		30		
Trichloroethene (TCE)	2.45	0.0400						2.193	11.2	30		
1,2-Dichloropropane	ND	0.0300						0		30		
Bromodichloromethane	ND	0.0250						0		30		
Dibromomethane	ND	0.0250						0		30		
cis-1,3-Dichloropropene	ND	0.0350						0		30		
Toluene	ND	0.100						0		30		
trans-1,3-Dichloropropylene	ND	0.0500						0		30		
Methyl Isobutyl Ketone (MIBK)	ND	0.100						0		30		
1,1,2-Trichloroethane	ND	0.0250						0		30		
1,3-Dichloropropane	ND	0.0300						0		30		
Tetrachloroethene (PCE)	ND	0.0350						0		30		
Dibromochloromethane	ND	0.0300						0		30		
1,2-Dibromoethane (EDB)	ND	0.0200						0		30		
2-Hexanone	ND	0.125						0		30		
Chlorobenzene	ND	0.0500						0		30		
1,1,1,2-Tetrachloroethane	ND	0.0300						0		30	Q	
Ethylbenzene	ND	0.0400						0		30		
m,p-Xylene	ND	0.100						0		30		
o-Xylene	ND	0.0500						0		30		
Styrene	ND	0.0500						0		30		
Isopropylbenzene	ND	0.0500						0		30		
Bromoform	ND	0.0300						0		30	Q	
1,1,2,2-Tetrachloroethane	ND	0.0200						0		30		
n-Propylbenzene	ND	0.0500						0		30		

Work Order: 2211277
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2211277-002ADUP		SampType: DUP		Units: µg/L		Prep Date: 11/14/2022		RunNo: 79947			
Client ID: AIR-EFF		Batch ID: 38554				Analysis Date: 11/14/2022		SeqNo: 1649689			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	0.0500						0		30	Q
1,3,5-Trimethylbenzene	ND	0.0500						0		30	
2-Chlorotoluene	ND	0.0500						0		30	
4-Chlorotoluene	ND	0.0500						0		30	
tert-Butylbenzene	ND	0.0500						0		30	
1,2,3-Trichloropropane	ND	0.0400						0		30	
1,2,4-Trichlorobenzene	ND	0.0750						0		30	Q
sec-Butylbenzene	ND	0.0500						0		30	
4-Isopropyltoluene	ND	0.0500						0		30	
1,3-Dichlorobenzene	ND	0.0500						0		30	
1,4-Dichlorobenzene	ND	0.0500						0		30	
n-Butylbenzene	ND	0.0500						0		30	
1,2-Dichlorobenzene	ND	0.0500						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	Q
1,2,4-Trimethylbenzene	ND	0.0500						0		30	
Hexachlorobutadiene	ND	0.0500						0		30	
Naphthalene	ND	0.125						0		30	
1,2,3-Trichlorobenzene	ND	0.0700						0		30	Q
Surr: Dibromofluoromethane	2.93		2.500		117	80	121		0		
Surr: Toluene-d8	3.07		2.500		123	80	120		0		S
Surr: 1-Bromo-4-fluorobenzene	2.32		2.500		92.7	80	120		0		

NOTES:

S - Outlying surrogate recovery(ies) observed.

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

Client Name: **TRCI**

 Work Order Number: **2211277**

 Logged by: **Elisabeth Samoray**

 Date Received: **11/11/2022 10:48:00 AM**

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

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



Fremont
Analytical

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

Chain of Custody Record & Laboratory Services Agreement

Date: 11-11-22 Page: 1 of 1

Laboratory Project No (internal): 2211277

Project Name: WA Industries

Special Remarks:

Project No: 015354

PO# 186484

Collected by: A. York / T. MaMaTaylor

Location: Seattle, WA

Report To (PM): Marlen Esparra

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

PM Email: MEsparra@TRCcompanies.com

					PW Email: info@spwta.com & info@kcc.companies.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

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

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

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

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

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

Relinquished (Signature) x	Print Name Austin York	Date/Time 11-11-22 / 1045	Received (Signature) x	Print Name Lily Baumgart	Date/Time 11/11/22 1048
Relinquished (Signature) x	Print Name	Date/Time	Received (Signature) x	Print Name	Date/Time



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries

Work Order Number: 2212478

December 29, 2022

Attention Mariem Esparra:

Fremont Analytical, Inc. received 2 sample(s) on 12/21/2022 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com

CLIENT: TRC
Project: WA Industries
Work Order: 2212478

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2212478-001	S2-EFF (1221)	12/21/2022 11:25 AM	12/21/2022 1:19 PM
2212478-002	AIR-EFF	12/21/2022 11:50 AM	12/21/2022 1:19 PM

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

CLIENT: TRC
Project: WA Industries

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ug/L.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2212478

Date Reported: 12/29/2022

Client: TRC

Collection Date: 12/21/2022 11:25:00 AM

Project: WA Industries

Lab ID: 2212478-001

Matrix: Air

Client Sample ID: S2-EFF (1221)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38958

Analyst: CC

Dichlorodifluoromethane	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Chloromethane	ND	0.0750	H	µg/L	1	12/28/2022 3:32:09 PM
Vinyl chloride	ND	0.0200	H	µg/L	1	12/28/2022 3:32:09 PM
Bromomethane	ND	0.300	QH	µg/L	1	12/28/2022 3:32:09 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
Chloroethane	ND	0.100	H	µg/L	1	12/28/2022 3:32:09 PM
1,1-Dichloroethene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Acetone	ND	0.500	H	µg/L	1	12/28/2022 3:32:09 PM
Methylene chloride	ND	0.0750	H	µg/L	1	12/28/2022 3:32:09 PM
trans-1,2-Dichloroethene	ND	0.0350	H	µg/L	1	12/28/2022 3:32:09 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350	H	µg/L	1	12/28/2022 3:32:09 PM
1,1-Dichloroethane	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
cis-1,2-Dichloroethene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
(MEK) 2-Butanone	ND	0.150	H	µg/L	1	12/28/2022 3:32:09 PM
Chloroform	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
1,1-Dichloropropene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Carbon tetrachloride	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
1,2-Dichloroethane (EDC)	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Benzene	ND	0.0440	H	µg/L	1	12/28/2022 3:32:09 PM
Trichloroethene (TCE)	0.209	0.0400	H	µg/L	1	12/28/2022 3:32:09 PM
1,2-Dichloropropane	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
Bromodichloromethane	ND	0.0250	H	µg/L	1	12/28/2022 3:32:09 PM
Dibromomethane	ND	0.0250	H	µg/L	1	12/28/2022 3:32:09 PM
cis-1,3-Dichloropropene	ND	0.0350	H	µg/L	1	12/28/2022 3:32:09 PM
Toluene	ND	0.100	H	µg/L	1	12/28/2022 3:32:09 PM
trans-1,3-Dichloropropylene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100	H	µg/L	1	12/28/2022 3:32:09 PM
1,1,2-Trichloroethane	ND	0.0250	H	µg/L	1	12/28/2022 3:32:09 PM
1,3-Dichloropropane	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
Tetrachloroethene (PCE)	ND	0.0350	H	µg/L	1	12/28/2022 3:32:09 PM
Dibromochloromethane	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
1,2-Dibromoethane (EDB)	ND	0.0200	H	µg/L	1	12/28/2022 3:32:09 PM
2-Hexanone	ND	0.125	H	µg/L	1	12/28/2022 3:32:09 PM
Chlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,1,1,2-Tetrachloroethane	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
Ethylbenzene	ND	0.0400	H	µg/L	1	12/28/2022 3:32:09 PM
m,p-Xylene	ND	0.100	H	µg/L	1	12/28/2022 3:32:09 PM
o-Xylene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM

Original



Analytical Report

Work Order: 2212478

Date Reported: 12/29/2022

Client: TRC

Collection Date: 12/21/2022 11:25:00 AM

Project: WA Industries

Lab ID: 2212478-001

Matrix: Air

Client Sample ID: S2-EFF (1221)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38958

Analyst: CC

Styrene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Isopropylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Bromoform	ND	0.0300	H	µg/L	1	12/28/2022 3:32:09 PM
1,1,2,2-Tetrachloroethane	ND	0.0200	H	µg/L	1	12/28/2022 3:32:09 PM
n-Propylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Bromobenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,3,5-Trimethylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
2-Chlorotoluene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
4-Chlorotoluene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
tert-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,2,3-Trichloropropane	ND	0.0400	H	µg/L	1	12/28/2022 3:32:09 PM
1,2,4-Trichlorobenzene	ND	0.0750	H	µg/L	1	12/28/2022 3:32:09 PM
sec-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
4-Isopropyltoluene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,3-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,4-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
n-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,2-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
1,2-Dibromo-3-chloropropane	ND	0.100	H	µg/L	1	12/28/2022 3:32:09 PM
1,2,4-Trimethylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Hexachlorobutadiene	ND	0.0500	H	µg/L	1	12/28/2022 3:32:09 PM
Naphthalene	ND	0.125	H	µg/L	1	12/28/2022 3:32:09 PM
1,2,3-Trichlorobenzene	ND	0.0700	H	µg/L	1	12/28/2022 3:32:09 PM
Surr: Dibromofluoromethane	111	80 - 121	H	%Rec	1	12/28/2022 3:32:09 PM
Surr: Toluene-d8	99.6	80 - 120	H	%Rec	1	12/28/2022 3:32:09 PM
Surr: 1-Bromo-4-fluorobenzene	98.6	80 - 120	H	%Rec	1	12/28/2022 3:32:09 PM

NOTES:

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



Analytical Report

Work Order: 2212478

Date Reported: 12/29/2022

Client: TRC

Collection Date: 12/21/2022 11:50:00 AM

Project: WA Industries

Lab ID: 2212478-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38958

Analyst: CC

Dichlorodifluoromethane	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Chloromethane	ND	0.0750	H	µg/L	1	12/28/2022 4:02:19 PM
Vinyl chloride	ND	0.0200	H	µg/L	1	12/28/2022 4:02:19 PM
Bromomethane	ND	0.300	QH	µg/L	1	12/28/2022 4:02:19 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
Chloroethane	ND	0.100	H	µg/L	1	12/28/2022 4:02:19 PM
1,1-Dichloroethene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Acetone	ND	0.500	H	µg/L	1	12/28/2022 4:02:19 PM
Methylene chloride	ND	0.0750	H	µg/L	1	12/28/2022 4:02:19 PM
trans-1,2-Dichloroethene	ND	0.0350	H	µg/L	1	12/28/2022 4:02:19 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350	H	µg/L	1	12/28/2022 4:02:19 PM
1,1-Dichloroethane	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
cis-1,2-Dichloroethene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
(MEK) 2-Butanone	ND	0.150	H	µg/L	1	12/28/2022 4:02:19 PM
Chloroform	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
1,1-Dichloropropene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Carbon tetrachloride	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
1,2-Dichloroethane (EDC)	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Benzene	ND	0.0440	H	µg/L	1	12/28/2022 4:02:19 PM
Trichloroethene (TCE)	6.01	0.400	DH	µg/L	10	12/28/2022 5:31:35 PM
1,2-Dichloropropane	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
Bromodichloromethane	ND	0.0250	H	µg/L	1	12/28/2022 4:02:19 PM
Dibromomethane	ND	0.0250	H	µg/L	1	12/28/2022 4:02:19 PM
cis-1,3-Dichloropropene	ND	0.0350	H	µg/L	1	12/28/2022 4:02:19 PM
Toluene	ND	0.100	H	µg/L	1	12/28/2022 4:02:19 PM
trans-1,3-Dichloropropylene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100	H	µg/L	1	12/28/2022 4:02:19 PM
1,1,2-Trichloroethane	ND	0.0250	H	µg/L	1	12/28/2022 4:02:19 PM
1,3-Dichloropropane	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
Tetrachloroethene (PCE)	0.0751	0.0350	H	µg/L	1	12/28/2022 4:02:19 PM
Dibromochloromethane	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
1,2-Dibromoethane (EDB)	ND	0.0200	H	µg/L	1	12/28/2022 4:02:19 PM
2-Hexanone	ND	0.125	H	µg/L	1	12/28/2022 4:02:19 PM
Chlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,1,1,2-Tetrachloroethane	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
Ethylbenzene	ND	0.0400	H	µg/L	1	12/28/2022 4:02:19 PM
m,p-Xylene	ND	0.100	H	µg/L	1	12/28/2022 4:02:19 PM
o-Xylene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM

Original



Analytical Report

Work Order: 2212478

Date Reported: 12/29/2022

Client: TRC

Collection Date: 12/21/2022 11:50:00 AM

Project: WA Industries

Lab ID: 2212478-002

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 38958

Analyst: CC

Styrene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Isopropylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Bromoform	ND	0.0300	H	µg/L	1	12/28/2022 4:02:19 PM
1,1,2,2-Tetrachloroethane	ND	0.0200	H	µg/L	1	12/28/2022 4:02:19 PM
n-Propylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Bromobenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,3,5-Trimethylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
2-Chlorotoluene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
4-Chlorotoluene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
tert-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,2,3-Trichloropropane	ND	0.0400	H	µg/L	1	12/28/2022 4:02:19 PM
1,2,4-Trichlorobenzene	ND	0.0750	H	µg/L	1	12/28/2022 4:02:19 PM
sec-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
4-Isopropyltoluene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,3-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,4-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
n-Butylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,2-Dichlorobenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
1,2-Dibromo-3-chloropropane	ND	0.100	H	µg/L	1	12/28/2022 4:02:19 PM
1,2,4-Trimethylbenzene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Hexachlorobutadiene	ND	0.0500	H	µg/L	1	12/28/2022 4:02:19 PM
Naphthalene	ND	0.125	H	µg/L	1	12/28/2022 4:02:19 PM
1,2,3-Trichlorobenzene	ND	0.0700	H	µg/L	1	12/28/2022 4:02:19 PM
Surr: Dibromofluoromethane	111	80 - 121	H	%Rec	1	12/28/2022 4:02:19 PM
Surr: Toluene-d8	99.0	80 - 120	H	%Rec	1	12/28/2022 4:02:19 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	80 - 120	H	%Rec	1	12/28/2022 4:02:19 PM

NOTES:

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

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38958	SampType: LCS	Units: µg/L				Prep Date: 12/28/2022			RunNo: 80794		
Client ID: LCSW	Batch ID: 38958	Analysis Date: 12/28/2022							SeqNo: 1671349		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.98	0.0500	2.000	0	98.9	80	120				S
Chloromethane	2.01	0.0750	2.000	0	100	80	120				
Vinyl chloride	1.81	0.0200	2.000	0	90.6	80	120				
Bromomethane	1.60	0.300	2.000	0	79.8	80	120				
Trichlorofluoromethane (CFC-11)	2.02	0.0300	2.000	0	101	80	120				
Chloroethane	1.70	0.100	2.000	0	85.0	80	120				
1,1-Dichloroethene	1.96	0.0500	2.000	0	98.1	80	120				
Acetone	4.75	0.500	5.000	0	95.0	80	120				
Methylene chloride	1.89	0.0750	2.000	0	94.7	80	120				
trans-1,2-Dichloroethene	1.98	0.0350	2.000	0	98.8	80	120				
Methyl tert-butyl ether (MTBE)	2.05	0.0350	2.000	0	102	80	120				
1,1-Dichloroethane	2.02	0.0500	2.000	0	101	80	120				
cis-1,2-Dichloroethene	2.04	0.0500	2.000	0	102	80	120				
(MEK) 2-Butanone	4.85	0.150	5.000	0	97.1	80	120				
Chloroform	1.96	0.0500	2.000	0	98.0	80	120				
1,1,1-Trichloroethane (TCA)	1.99	0.0300	2.000	0	99.4	80	120				
1,1-Dichloropropene	1.86	0.0500	2.000	0	93.0	80	120				
Carbon tetrachloride	2.00	0.0300	2.000	0	99.8	80	120				
1,2-Dichloroethane (EDC)	1.85	0.0500	2.000	0	92.4	80	120				
Benzene	1.95	0.0440	2.000	0	97.3	80	120				
Trichloroethene (TCE)	1.95	0.0400	2.000	0	97.5	80	120				
1,2-Dichloropropane	1.97	0.0300	2.000	0	98.7	80	120				
Bromodichloromethane	2.11	0.0250	2.000	0	105	80	120				
Dibromomethane	2.12	0.0250	2.000	0	106	80	120				
cis-1,3-Dichloropropene	2.24	0.0350	2.000	0	112	80	120				
Toluene	1.87	0.100	2.000	0	93.4	80	120				
trans-1,3-Dichloropropylene	2.27	0.0500	2.000	0	113	80	120				
Methyl Isobutyl Ketone (MIBK)	4.93	0.100	5.000	0	98.6	80	120				
1,1,2-Trichloroethane	2.05	0.0250	2.000	0	102	80	120				
1,3-Dichloropropane	2.05	0.0300	2.000	0	103	80	120				
Tetrachloroethene (PCE)	1.98	0.0350	2.000	0	98.8	80	120				
Dibromochloromethane	2.21	0.0300	2.000	0	111	80	120				

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38958	SampType: LCS	Units: µg/L				Prep Date: 12/28/2022			RunNo: 80794		
Client ID: LCSW	Batch ID: 38958	Analysis Date: 12/28/2022							SeqNo: 1671349		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	2.18	0.0200	2.000	0	109	80	120				
2-Hexanone	5.37	0.125	5.000	0	107	80	120				
Chlorobenzene	1.90	0.0500	2.000	0	95.1	80	120				
1,1,1,2-Tetrachloroethane	2.10	0.0300	2.000	0	105	80	120				
Ethylbenzene	1.95	0.0400	2.000	0	97.4	80	120				
m,p-Xylene	3.93	0.100	4.000	0	98.2	80	120				
o-Xylene	2.01	0.0500	2.000	0	101	80	120				
Styrene	2.08	0.0500	2.000	0	104	80	120				
Isopropylbenzene	2.03	0.0500	2.000	0	102	80	120				
Bromoform	2.25	0.0300	2.000	0	113	80	120				
1,1,2,2-Tetrachloroethane	2.32	0.0200	2.000	0	116	80	120				
n-Propylbenzene	2.04	0.0500	2.000	0	102	80	120				
Bromobenzene	1.97	0.0500	2.000	0	98.4	80	120				
1,3,5-Trimethylbenzene	2.08	0.0500	2.000	0	104	80	120				
2-Chlorotoluene	1.98	0.0500	2.000	0	99.2	80	120				
4-Chlorotoluene	2.01	0.0500	2.000	0	100	80	120				
tert-Butylbenzene	2.02	0.0500	2.000	0	101	80	120				
1,2,3-Trichloropropane	2.03	0.0400	2.000	0	101	80	120				
1,2,4-Trichlorobenzene	1.95	0.0750	2.000	0	97.6	80	120				
sec-Butylbenzene	2.05	0.0500	2.000	0	103	80	120				
4-Isopropyltoluene	2.07	0.0500	2.000	0	104	80	120				
1,3-Dichlorobenzene	1.84	0.0500	2.000	0	91.8	80	120				
1,4-Dichlorobenzene	1.77	0.0500	2.000	0	88.7	80	120				
n-Butylbenzene	1.95	0.0500	2.000	0	97.7	80	120				
1,2-Dichlorobenzene	1.82	0.0500	2.000	0	90.9	80	120				
1,2-Dibromo-3-chloropropane	2.06	0.100	2.000	0	103	80	120				
1,2,4-Trimethylbenzene	2.08	0.0500	2.000	0	104	80	120				
Hexachlorobutadiene	1.83	0.0500	2.000	0	91.5	80	120				
Naphthalene	2.05	0.125	2.000	0	102	80	120				
1,2,3-Trichlorobenzene	1.89	0.0700	2.000	0	94.6	80	120				
Surr: Dibromofluoromethane	2.66		2.500		106	80	120				
Surr: Toluene-d8	2.51		2.500		101	80	120				

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-38958		SampType: LCS		Units: µg/L		Prep Date: 12/28/2022			RunNo: 80794			
Client ID: LCSW		Batch ID: 38958					Analysis Date: 12/28/2022			SeqNo: 1671349		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Surr: 1-Bromo-4-fluorobenzene	2.52		2.500		101	80	120					

NOTES:

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

Sample ID: MB-38958	SampType: MBLK	Units: µg/L				Prep Date: 12/28/2022			RunNo: 80794		
Client ID: MBLKW	Batch ID: 38958	Analysis Date: 12/28/2022							SeqNo: 1671348		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.300									Q
Trichlorofluoromethane (CFC-11)	ND	0.0300									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	ND	0.500									
Methylene chloride	0.0778	0.0750									
trans-1,2-Dichloroethene	ND	0.0350									
Methyl tert-butyl ether (MTBE)	ND	0.0350									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0300									
1,1-Dichloropropene	ND	0.0500									
Carbon tetrachloride	ND	0.0300									
1,2-Dichloroethane (EDC)	ND	0.0500									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0400									
1,2-Dichloropropane	ND	0.0300									
Bromodichloromethane	ND	0.0250									
Dibromomethane	ND	0.0250									

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-38958	SampType: MBLK	Units: µg/L			Prep Date: 12/28/2022			RunNo: 80794			
Client ID: MBLKW	Batch ID: 38958	Analysis Date: 12/28/2022						SeqNo: 1671348			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	0.0350									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.100									
1,1,2-Trichloroethane	ND	0.0250									
1,3-Dichloropropane	ND	0.0300									
Tetrachloroethene (PCE)	ND	0.0350									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.0200									
2-Hexanone	ND	0.125									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.0500									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-38958	SampType: MBLK	Units: µg/L			Prep Date: 12/28/2022			RunNo: 80794			
Client ID: MBLKW	Batch ID: 38958				Analysis Date: 12/28/2022			SeqNo: 1671348			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	0.0500									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.0500									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.125									
1,2,3-Trichlorobenzene	ND	0.0700									
Surr: Dibromofluoromethane	2.77		2.500		111	80	121				
Surr: Toluene-d8	2.47		2.500		98.7	80	120				
Surr: 1-Bromo-4-fluorobenzene	2.44		2.500		97.7	80	120				

NOTES:

Methylene chloride was detected in the method blank. Associated samples are non-detect
 Q - Associated calibration verification is below acceptance criteria. Result may be low-biased.

Sample ID: 2212529-002ADUP	SampType: DUP	Units: µg/L			Prep Date: 12/28/2022			RunNo: 80794			
Client ID: BATCH	Batch ID: 38958				Analysis Date: 12/28/2022			SeqNo: 1671346			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500						0		30	
Chloromethane	ND	0.0750						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.300						0		30	Q
Trichlorofluoromethane (CFC-11)	ND	0.0300						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.0500						0		30	
Acetone	ND	0.500						0		30	
Methylene chloride	ND	0.0750						0		30	
trans-1,2-Dichloroethene	ND	0.0350						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0350						0		30	
1,1-Dichloroethane	ND	0.0500						0		30	
cis-1,2-Dichloroethene	ND	0.0500						0		30	
(MEK) 2-Butanone	ND	0.150						0		30	
Chloroform	ND	0.0500						0		30	

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2212529-002ADUP		SampType: DUP		Units: µg/L		Prep Date: 12/28/2022			RunNo: 80794			
Client ID: BATCH		Batch ID: 38958					Analysis Date: 12/28/2022			SeqNo: 1671346		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1-Trichloroethane (TCA)	ND	0.0300						0		30		
1,1-Dichloropropene	ND	0.0500						0		30		
Carbon tetrachloride	ND	0.0300						0		30		
1,2-Dichloroethane (EDC)	ND	0.0500						0		30		
Benzene	ND	0.0440						0		30		
Trichloroethene (TCE)	ND	0.0400						0		30		
1,2-Dichloropropane	ND	0.0300						0		30		
Bromodichloromethane	ND	0.0250						0		30		
Dibromomethane	ND	0.0250						0		30		
cis-1,3-Dichloropropene	ND	0.0350						0		30		
Toluene	ND	0.100						0		30		
trans-1,3-Dichloropropylene	ND	0.0500						0		30		
Methyl Isobutyl Ketone (MIBK)	ND	0.100						0		30		
1,1,2-Trichloroethane	ND	0.0250						0		30		
1,3-Dichloropropane	ND	0.0300						0		30		
Tetrachloroethene (PCE)	ND	0.0350						0		30		
Dibromochloromethane	ND	0.0300						0		30		
1,2-Dibromoethane (EDB)	ND	0.0200						0		30		
2-Hexanone	ND	0.125						0		30		
Chlorobenzene	ND	0.0500						0		30		
1,1,1,2-Tetrachloroethane	ND	0.0300						0		30		
Ethylbenzene	ND	0.0400						0		30		
m,p-Xylene	ND	0.100						0		30		
o-Xylene	ND	0.0500						0		30		
Styrene	ND	0.0500						0		30		
Isopropylbenzene	ND	0.0500						0		30		
Bromoform	ND	0.0300						0		30		
1,1,2,2-Tetrachloroethane	ND	0.0200						0		30		
n-Propylbenzene	ND	0.0500						0		30		
Bromobenzene	ND	0.0500						0		30		
1,3,5-Trimethylbenzene	ND	0.0500						0		30		
2-Chlorotoluene	ND	0.0500						0		30		

Work Order: 2212478
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2212529-002ADUP		SampType: DUP		Units: µg/L		Prep Date: 12/28/2022			RunNo: 80794		
Client ID: BATCH		Batch ID: 38958		Analysis Date: 12/28/2022						SeqNo: 1671346	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0500						0		30	
tert-Butylbenzene	ND	0.0500						0		30	
1,2,3-Trichloropropane	ND	0.0400						0		30	
1,2,4-Trichlorobenzene	ND	0.0750						0		30	
sec-Butylbenzene	ND	0.0500						0		30	
4-Isopropyltoluene	ND	0.0500						0		30	
1,3-Dichlorobenzene	ND	0.0500						0		30	
1,4-Dichlorobenzene	ND	0.0500						0		30	
n-Butylbenzene	ND	0.0500						0		30	
1,2-Dichlorobenzene	ND	0.0500						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.0500						0		30	
Hexachlorobutadiene	ND	0.0500						0		30	
Naphthalene	ND	0.125						0		30	
1,2,3-Trichlorobenzene	ND	0.0700						0		30	
Surr: Dibromofluoromethane	2.81		2.500		112	80	121		0		
Surr: Toluene-d8	2.47		2.500		98.9	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	2.43		2.500		97.3	80	120		0		

NOTES:

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

Client Name: TRCI
 Logged by: Clare Griggs

Work Order Number: 2212478
 Date Received: 12/21/2022 1:19:00 PM

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

Person Notified: Date:
 By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
 Regarding:
 Client Instructions:

19. Additional remarks:

Item Information

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



Fremont
Analytical

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

Chain of Custody Record & Laboratory Services Agreement

Date: 12-21-22

Page: 1 of 1

Laboratory Project No (internal): 2212478

Project Name: WA Industries

Project No: 015354

Collected by: A. York / L. Briant

Location: Seattle, WA

Report To (PM): Mariken Esparru

PM Email: MEsparru@TRC.companies.com

Special Remarks:

PO# 186484

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

Client: TRC

Address: 1180 NW Maple St, Ste 310

City, State, Zip: Issaquah, WA 98027

Telephone: 425-395-0010

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCD)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 S2-EFF (1221)	12-21-22	1125	A	1	X											
2 AIR-EFF	12-21-22	1150	A	1	X											
3																
4																
5																
6																
7																
8																
9																
10																

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

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

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

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

Turn-around Time:

☒ Standard ☐ Next Day

☐ 3 Day ☐ Same Day

☐ 2 Day (specify)

Relinquished (Signature)

Print Name

Date/Time

x *Austin York*

Austin York

12-21-22 / 1230

Received (Signature)

Print Name

Date/Time

x *Katherine Porter*

Katherine Porter

12/21 13:19

Relinquished (Signature)

Print Name

Date/Time

x

Received (Signature)

Print Name

Date/Time

x



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries
Work Order Number: 2306438

July 03, 2023

Attention Mariem Esparra:

Fremont Analytical, Inc. received 1 sample(s) on 6/26/2023 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Cynthia Moon

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

Original

www.fremontanalytical.com

CLIENT: TRC

Project: WA Industries

Work Order: 2306438

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2306438-001	AIR-EFF	06/26/2023 11:30 AM	06/26/2023 12:21 PM

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

CLIENT: TRC
Project: WA Industries

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ug/L.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2306438
Date Reported: 7/3/2023

Client: TRC
Project: WA Industries
Lab ID: 2306438-001
Client Sample ID: AIR-EFF

Collection Date: 6/26/2023 11:30:00 AM

Matrix: Air

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Volatile Organic Compounds by EPA Method 8260D</u>				Batch ID: 40793		Analyst: KJ
Dichlorodifluoromethane	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Chloromethane	ND	0.0750		µg/L	1	6/29/2023 11:49:13 AM
Vinyl chloride	ND	0.0200		µg/L	1	6/29/2023 11:49:13 AM
Bromomethane	ND	0.300		µg/L	1	6/29/2023 11:49:13 AM
Trichlorofluoromethane (CFC-11)	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
Chloroethane	ND	0.100		µg/L	1	6/29/2023 11:49:13 AM
1,1-Dichloroethene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Acetone	ND	0.500		µg/L	1	6/29/2023 11:49:13 AM
Methylene chloride	ND	0.0750		µg/L	1	6/29/2023 11:49:13 AM
trans-1,2-Dichloroethene	ND	0.0350		µg/L	1	6/29/2023 11:49:13 AM
Methyl tert-butyl ether (MTBE)	ND	0.0350		µg/L	1	6/29/2023 11:49:13 AM
1,1-Dichloroethane	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
(MEK) 2-Butanone	ND	0.150		µg/L	1	6/29/2023 11:49:13 AM
Chloroform	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,1,1-Trichloroethane (TCA)	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
1,1-Dichloropropene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Carbon tetrachloride	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
1,2-Dichloroethane (EDC)	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Benzene	ND	0.0440		µg/L	1	6/29/2023 11:49:13 AM
Trichloroethene (TCE)	3.77	0.400	D	µg/L	10	6/29/2023 4:42:08 PM
1,2-Dichloropropane	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
Bromodichloromethane	ND	0.0250		µg/L	1	6/29/2023 11:49:13 AM
Dibromomethane	ND	0.0250		µg/L	1	6/29/2023 11:49:13 AM
cis-1,3-Dichloropropene	ND	0.0350		µg/L	1	6/29/2023 11:49:13 AM
Toluene	ND	0.100		µg/L	1	6/29/2023 11:49:13 AM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Methyl Isobutyl Ketone (MIBK)	ND	0.100		µg/L	1	6/29/2023 11:49:13 AM
1,1,2-Trichloroethane	ND	0.0250		µg/L	1	6/29/2023 11:49:13 AM
1,3-Dichloropropane	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
Tetrachloroethene (PCE)	0.0735	0.0350		µg/L	1	6/29/2023 11:49:13 AM
Dibromochloromethane	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
1,2-Dibromoethane (EDB)	ND	0.0200		µg/L	1	6/29/2023 11:49:13 AM
2-Hexanone	ND	0.125		µg/L	1	6/29/2023 11:49:13 AM
Chlorobenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
Ethylbenzene	ND	0.0400		µg/L	1	6/29/2023 11:49:13 AM
m,p-Xylene	ND	0.100		µg/L	1	6/29/2023 11:49:13 AM
o-Xylene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM



Analytical Report

Work Order: 2306438
Date Reported: 7/3/2023

Client: TRC
Project: WA Industries
Lab ID: 2306438-001
Client Sample ID: AIR-EFF

Collection Date: 6/26/2023 11:30:00 AM

Matrix: Air

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Volatile Organic Compounds by EPA Method 8260D</u>				Batch ID: 40793		Analyst: KJ
Styrene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Isopropylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Bromoform	ND	0.0300		µg/L	1	6/29/2023 11:49:13 AM
1,1,2,2-Tetrachloroethane	ND	0.0200		µg/L	1	6/29/2023 11:49:13 AM
n-Propylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Bromobenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,3,5-Trimethylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
2-Chlorotoluene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
4-Chlorotoluene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
tert-Butylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	6/29/2023 11:49:13 AM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	6/29/2023 11:49:13 AM
sec-Butylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
4-Isopropyltoluene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
n-Butylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	6/29/2023 11:49:13 AM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Hexachlorobutadiene	ND	0.0500		µg/L	1	6/29/2023 11:49:13 AM
Naphthalene	ND	0.125		µg/L	1	6/29/2023 11:49:13 AM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	6/29/2023 11:49:13 AM
Surr: Dibromofluoromethane	108	80 - 121		%Rec	1	6/29/2023 11:49:13 AM
Surr: Toluene-d8	106	80 - 120		%Rec	1	6/29/2023 11:49:13 AM
Surr: 1-Bromo-4-fluorobenzene	92.3	80 - 120		%Rec	1	6/29/2023 11:49:13 AM

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-40793	SampType: LCS	Units: µg/L				Prep Date: 6/29/2023			RunNo: 85042		
Client ID: LCSW	Batch ID: 40793	Analysis Date: 6/29/2023						SeqNo: 1775266			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.12	0.0500	2.000	0	106	80	120				
Chloromethane	2.35	0.0750	2.000	0	118	80	120				
Vinyl chloride	2.36	0.0200	2.000	0	118	80	120				
Bromomethane	2.65	0.300	2.000	0	132	80	120				S
Trichlorofluoromethane (CFC-11)	2.18	0.0300	2.000	0	109	80	120				
Chloroethane	2.46	0.100	2.000	0	123	80	120				S
1,1-Dichloroethene	2.39	0.0500	2.000	0	119	80	120				
Acetone	6.22	0.500	5.000	0	124	80	120				S
Methylene chloride	2.26	0.0750	2.000	0	113	80	120				
trans-1,2-Dichloroethene	2.40	0.0350	2.000	0	120	80	120				
Methyl tert-butyl ether (MTBE)	1.93	0.0350	2.000	0	96.3	80	120				
1,1-Dichloroethane	2.33	0.0500	2.000	0	117	80	120				
cis-1,2-Dichloroethene	2.36	0.0500	2.000	0	118	80	120				
(MEK) 2-Butanone	5.08	0.150	5.000	0	102	80	120				
Chloroform	2.37	0.0500	2.000	0	118	80	120				
1,1,1-Trichloroethane (TCA)	2.38	0.0300	2.000	0	119	80	120				
1,1-Dichloropropene	2.40	0.0500	2.000	0	120	80	120				
Carbon tetrachloride	2.42	0.0300	2.000	0	121	80	120				S
1,2-Dichloroethane (EDC)	2.38	0.0500	2.000	0	119	80	120				
Benzene	2.37	0.0440	2.000	0	118	80	120				
Trichloroethene (TCE)	2.41	0.0400	2.000	0	120	80	120				
1,2-Dichloropropane	2.29	0.0300	2.000	0	115	80	120				
Bromodichloromethane	2.36	0.0250	2.000	0	118	80	120				
Dibromomethane	2.36	0.0250	2.000	0	118	80	120				
cis-1,3-Dichloropropene	2.40	0.0350	2.000	0	120	80	120				
Toluene	2.35	0.100	2.000	0	118	80	120				
trans-1,3-Dichloropropylene	2.23	0.0500	2.000	0	111	80	120				
Methyl Isobutyl Ketone (MIBK)	4.79	0.100	5.000	0	95.8	80	120				
1,1,2-Trichloroethane	2.34	0.0250	2.000	0	117	80	120				
1,3-Dichloropropane	2.40	0.0300	2.000	0	120	80	120				
Tetrachloroethene (PCE)	2.32	0.0350	2.000	0	116	80	120				
Dibromochloromethane	2.26	0.0300	2.000	0	113	80	120				

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-40793	SampType: LCS	Units: µg/L				Prep Date: 6/29/2023			RunNo: 85042		
Client ID: LCSW	Batch ID: 40793	Analysis Date: 6/29/2023							SeqNo: 1775266		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	2.44	0.0200	2.000	0	122	80	120				S
2-Hexanone	5.24	0.125	5.000	0	105	80	120				
Chlorobenzene	2.19	0.0500	2.000	0	110	80	120				
1,1,1,2-Tetrachloroethane	2.25	0.0300	2.000	0	113	80	120				
Ethylbenzene	2.27	0.0400	2.000	0	114	80	120				
m,p-Xylene	4.53	0.100	4.000	0	113	80	120				
o-Xylene	2.19	0.0500	2.000	0	109	80	120				
Styrene	2.18	0.0500	2.000	0	109	80	120				
Isopropylbenzene	2.22	0.0500	2.000	0	111	80	120				
Bromoform	2.12	0.0300	2.000	0	106	80	120				
1,1,2,2-Tetrachloroethane	2.31	0.0200	2.000	0	116	80	120				
n-Propylbenzene	2.33	0.0500	2.000	0	116	80	120				
Bromobenzene	2.18	0.0500	2.000	0	109	80	120				
1,3,5-Trimethylbenzene	2.27	0.0500	2.000	0	113	80	120				
2-Chlorotoluene	2.25	0.0500	2.000	0	113	80	120				
4-Chlorotoluene	2.25	0.0500	2.000	0	113	80	120				
tert-Butylbenzene	2.20	0.0500	2.000	0	110	80	120				
1,2,3-Trichloropropane	2.11	0.0400	2.000	0	105	80	120				
1,2,4-Trichlorobenzene	1.92	0.0750	2.000	0	96.0	80	120				
sec-Butylbenzene	2.29	0.0500	2.000	0	114	80	120				
4-Isopropyltoluene	2.31	0.0500	2.000	0	116	80	120				
1,3-Dichlorobenzene	2.12	0.0500	2.000	0	106	80	120				
1,4-Dichlorobenzene	2.13	0.0500	2.000	0	106	80	120				
n-Butylbenzene	2.18	0.0500	2.000	0	109	80	120				
1,2-Dichlorobenzene	2.10	0.0500	2.000	0	105	80	120				
1,2-Dibromo-3-chloropropane	1.89	0.100	2.000	0	94.3	80	120				
1,2,4-Trimethylbenzene	2.27	0.0500	2.000	0	113	80	120				
Hexachlorobutadiene	2.11	0.0500	2.000	0	106	80	120				
Naphthalene	1.71	0.125	2.000	0	85.4	80	120				
1,2,3-Trichlorobenzene	1.89	0.0700	2.000	0	94.7	80	120				
Surr: Dibromofluoromethane	2.70		2.500		108	80	120				
Surr: Toluene-d8	2.64		2.500		105	80	120				

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-40793		SampType: LCS			Units: µg/L		Prep Date: 6/29/2023		RunNo: 85042		
Client ID: LCSW		Batch ID: 40793			Analysis Date: 6/29/2023				SeqNo: 1775266		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	2.54		2.500		102	80	120				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: MB-40793	SampType: MBLK	Units: µg/L			Prep Date: 6/29/2023				RunNo: 85042		
Client ID: MBLKW	Batch ID: 40793	Analysis Date: 6/29/2023							SeqNo: 1775256		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.300									
Trichlorofluoromethane (CFC-11)	ND	0.0300									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	ND	0.500									
Methylene chloride	ND	0.0750									
trans-1,2-Dichloroethene	ND	0.0350									
Methyl tert-butyl ether (MTBE)	ND	0.0350									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0300									
1,1-Dichloropropene	ND	0.0500									
Carbon tetrachloride	ND	0.0300									
1,2-Dichloroethane (EDC)	ND	0.0500									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0400									
1,2-Dichloropropane	ND	0.0300									
Bromodichloromethane	ND	0.0250									
Dibromomethane	ND	0.0250									

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-40793	SampType: MBLK	Units: µg/L			Prep Date: 6/29/2023			RunNo: 85042			
Client ID: MBLKW	Batch ID: 40793				Analysis Date: 6/29/2023			SeqNo: 1775256			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	0.0350									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.100									
1,1,2-Trichloroethane	ND	0.0250									
1,3-Dichloropropane	ND	0.0300									
Tetrachloroethene (PCE)	ND	0.0350									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.0200									
2-Hexanone	ND	0.125									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.0500									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-40793		SampType: MBLK			Units: µg/L		Prep Date: 6/29/2023			RunNo: 85042		
Client ID: MBLKW		Batch ID: 40793			Analysis Date: 6/29/2023					SeqNo: 1775256		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

1,2-Dichlorobenzene	ND	0.0500									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.0500									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.125									
1,2,3-Trichlorobenzene	ND	0.0700									
Surr: Dibromofluoromethane	2.66		2.500		106	80	121				
Surr: Toluene-d8	2.63		2.500		105	80	120				
Surr: 1-Bromo-4-fluorobenzene	2.34		2.500		93.4	80	120				

Sample ID: 2306438-001ADUP		SampType: DUP			Units: µg/L		Prep Date: 6/29/2023			RunNo: 85042		
Client ID: AIR-EFF		Batch ID: 40793			Analysis Date: 6/29/2023					SeqNo: 1775278		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Dichlorodifluoromethane	ND	0.0500						0		30	
Chloromethane	ND	0.0750						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.300						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0300						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.0500						0		30	
Acetone	ND	0.500						0		30	
Methylene chloride	ND	0.0750						0		30	
trans-1,2-Dichloroethene	ND	0.0350						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0350						0		30	
1,1-Dichloroethane	ND	0.0500						0		30	
cis-1,2-Dichloroethene	ND	0.0500						0		30	
(MEK) 2-Butanone	ND	0.150						0		30	
Chloroform	ND	0.0500						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0300						0		30	
1,1-Dichloropropene	ND	0.0500						0		30	

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2306438-001ADUP		SampType: DUP		Units: µg/L		Prep Date: 6/29/2023			RunNo: 85042			
Client ID: AIR-EFF		Batch ID: 40793					Analysis Date: 6/29/2023			SeqNo: 1775278		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Carbon tetrachloride	ND	0.0300						0		30		
1,2-Dichloroethane (EDC)	ND	0.0500						0		30		
Benzene	ND	0.0440						0		30		
Trichloroethene (TCE)	4.12	0.0400						4.375	6.10	30	E	
1,2-Dichloropropane	ND	0.0300						0		30		
Bromodichloromethane	ND	0.0250						0		30		
Dibromomethane	ND	0.0250						0		30		
cis-1,3-Dichloropropene	ND	0.0350						0		30		
Toluene	ND	0.100						0		30		
trans-1,3-Dichloropropylene	ND	0.0500						0		30		
Methyl Isobutyl Ketone (MIBK)	ND	0.100						0		30		
1,1,2-Trichloroethane	ND	0.0250						0		30		
1,3-Dichloropropane	ND	0.0300						0		30		
Tetrachloroethene (PCE)	0.0679	0.0350						0.07350	7.89	30		
Dibromochloromethane	ND	0.0300						0		30		
1,2-Dibromoethane (EDB)	ND	0.0200						0		30		
2-Hexanone	ND	0.125						0		30		
Chlorobenzene	ND	0.0500						0		30		
1,1,1,2-Tetrachloroethane	ND	0.0300						0		30		
Ethylbenzene	ND	0.0400						0		30		
m,p-Xylene	ND	0.100						0		30		
o-Xylene	ND	0.0500						0		30		
Styrene	ND	0.0500						0		30		
Isopropylbenzene	ND	0.0500						0		30		
Bromoform	ND	0.0300						0		30		
1,1,2,2-Tetrachloroethane	ND	0.0200						0		30		
n-Propylbenzene	ND	0.0500						0		30		
Bromobenzene	ND	0.0500						0		30		
1,3,5-Trimethylbenzene	ND	0.0500						0		30		
2-Chlorotoluene	ND	0.0500						0		30		
4-Chlorotoluene	ND	0.0500						0		30		
tert-Butylbenzene	ND	0.0500						0		30		

Work Order: 2306438
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2306438-001ADUP		SampType: DUP		Units: µg/L		Prep Date: 6/29/2023			RunNo: 85042		
Client ID: AIR-EFF		Batch ID: 40793		Analysis Date: 6/29/2023			SeqNo: 1775278				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	0.0400						0		30	
1,2,4-Trichlorobenzene	ND	0.0750						0		30	
sec-Butylbenzene	ND	0.0500						0		30	
4-Isopropyltoluene	ND	0.0500						0		30	
1,3-Dichlorobenzene	ND	0.0500						0		30	
1,4-Dichlorobenzene	ND	0.0500						0		30	
n-Butylbenzene	ND	0.0500						0		30	
1,2-Dichlorobenzene	ND	0.0500						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.0500						0		30	
Hexachlorobutadiene	ND	0.0500						0		30	
Naphthalene	ND	0.125						0		30	
1,2,3-Trichlorobenzene	ND	0.0700						0		30	
Surr: Dibromofluoromethane	2.64		2.500		106	80	121		0		
Surr: Toluene-d8	2.61		2.500		105	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	2.31		2.500		92.3	80	120		0		

Sample Log-In Check List

Client Name: TRCI

Work Order Number: 2306438

Logged by: Morgan Wilson

Date Received: 6/26/2023 12:21:00 PM

Chain of Custody

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

Log In

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

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

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



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

Chain of Custody Record & Laboratory Services Agreement

Date: 2023-06-26 Page: 1 of: 1 Laboratory Project No (internal): 2306438

Project Name: WA Industries

Special Remarks:
PO: 2018601

Project No: 015354

Collected by: L. Briant

Location: Seattle, WA

Report To (PM): Marrion Esparra

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

PM Email: mesparra@tacompanies.com; cc: lmoon@tacompanies.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.																	Comments
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 8210 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	EDB (8011)					
1. <u>AIR-EFF</u>	<u>2023-06-26</u>	<u>1130</u>	<u>A</u>	<u>1</u>	<u>X</u>																
2.																					
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					

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

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

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

Turn-around Time:

☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

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

Relinquished (Signature) Madison Taylor Print Name Madison Taylor Date/Time 2023-06-26 1221

Received (Signature) [Signature] Print Name 6/26/23 Date/Time 1221

Relinquished (Signature) [Signature] Print Name [Signature] Date/Time [Signature]

Received (Signature) [Signature] Print Name [Signature] Date/Time [Signature]



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

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries

Work Order Number: 2308188

August 21, 2023

Attention Mariem Esparra:

Fremont Analytical, Inc. received 1 sample(s) on 8/14/2023 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com

CLIENT: TRC
Project: WA Industries
Work Order: 2308188

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2308188-001	AIR-EFF	08/14/2023 10:45 AM	08/14/2023 11:14 AM

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

CLIENT: TRC
Project: WA Industries

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ug/L.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2308188
Date Reported: 8/21/2023

Client: TRC

Collection Date: 8/14/2023 10:45:00 AM

Project: WA Industries

Lab ID: 2308188-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 41234

Analyst: KJ

Dichlorodifluoromethane	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Chloromethane	0.0791	0.0750		µg/L	1	8/17/2023 5:29:36 PM
Vinyl chloride	0.0225	0.0200		µg/L	1	8/17/2023 5:29:36 PM
Bromomethane	ND	0.300		µg/L	1	8/17/2023 5:29:36 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
Chloroethane	ND	0.100		µg/L	1	8/17/2023 5:29:36 PM
1,1-Dichloroethene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Acetone	0.555	0.500		µg/L	1	8/17/2023 5:29:36 PM
Methylene chloride	1.22	0.0750		µg/L	1	8/17/2023 5:29:36 PM
trans-1,2-Dichloroethene	ND	0.0350		µg/L	1	8/17/2023 5:29:36 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350		µg/L	1	8/17/2023 5:29:36 PM
1,1-Dichloroethane	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
(MEK) 2-Butanone	ND	0.150		µg/L	1	8/17/2023 5:29:36 PM
Chloroform	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
1,1-Dichloropropene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Carbon tetrachloride	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
1,2-Dichloroethane (EDC)	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Benzene	ND	0.0440		µg/L	1	8/17/2023 5:29:36 PM
Trichloroethene (TCE)	2.94	0.0400		µg/L	1	8/17/2023 5:29:36 PM
1,2-Dichloropropane	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
Bromodichloromethane	ND	0.0250		µg/L	1	8/17/2023 5:29:36 PM
Dibromomethane	ND	0.0250		µg/L	1	8/17/2023 5:29:36 PM
cis-1,3-Dichloropropene	ND	0.0350		µg/L	1	8/17/2023 5:29:36 PM
Toluene	ND	0.100		µg/L	1	8/17/2023 5:29:36 PM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100		µg/L	1	8/17/2023 5:29:36 PM
1,1,2-Trichloroethane	0.0452	0.0250		µg/L	1	8/17/2023 5:29:36 PM
1,3-Dichloropropane	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
Tetrachloroethene (PCE)	0.0523	0.0350		µg/L	1	8/17/2023 5:29:36 PM
Dibromochloromethane	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
1,2-Dibromoethane (EDB)	ND	0.0200		µg/L	1	8/17/2023 5:29:36 PM
2-Hexanone	ND	0.125		µg/L	1	8/17/2023 5:29:36 PM
Chlorobenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
Ethylbenzene	ND	0.0400		µg/L	1	8/17/2023 5:29:36 PM
m,p-Xylene	ND	0.100		µg/L	1	8/17/2023 5:29:36 PM
o-Xylene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM

Original



Analytical Report

Work Order: 2308188
Date Reported: 8/21/2023

Client: TRC

Collection Date: 8/14/2023 10:45:00 AM

Project: WA Industries

Lab ID: 2308188-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 41234

Analyst: KJ

Styrene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Isopropylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Bromoform	ND	0.0300		µg/L	1	8/17/2023 5:29:36 PM
1,1,2,2-Tetrachloroethane	ND	0.0200		µg/L	1	8/17/2023 5:29:36 PM
n-Propylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Bromobenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,3,5-Trimethylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
2-Chlorotoluene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
4-Chlorotoluene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
tert-Butylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	8/17/2023 5:29:36 PM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	8/17/2023 5:29:36 PM
sec-Butylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
4-Isopropyltoluene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
n-Butylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	8/17/2023 5:29:36 PM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Hexachlorobutadiene	ND	0.0500		µg/L	1	8/17/2023 5:29:36 PM
Naphthalene	ND	0.125		µg/L	1	8/17/2023 5:29:36 PM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	8/17/2023 5:29:36 PM
Surr: Dibromofluoromethane	98.3	80 - 121		%Rec	1	8/17/2023 5:29:36 PM
Surr: Toluene-d8	96.6	80 - 120		%Rec	1	8/17/2023 5:29:36 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	80 - 120		%Rec	1	8/17/2023 5:29:36 PM

NOTES:

Sample may be subject to carryover from a previous injection (methylene chloride; 1,1,2-TCE). Result may be high biased for these compounds.

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41234	SampType: LCS	Units: µg/L				Prep Date: 8/17/2023			RunNo: 86029		
Client ID: LCSW	Batch ID: 41234	Analysis Date: 8/17/2023						SeqNo: 1794981			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.80	0.0500	2.000	0	89.8	80	120				
Chloromethane	1.89	0.0750	2.000	0	94.4	80	120				
Vinyl chloride	1.91	0.0200	2.000	0	95.7	80	120				
Bromomethane	2.10	0.300	2.000	0	105	80	120				
Trichlorofluoromethane (CFC-11)	2.03	0.0300	2.000	0	101	80	120				
Chloroethane	2.05	0.100	2.000	0	102	80	120				
1,1-Dichloroethene	1.89	0.0500	2.000	0	94.5	80	120				
Acetone	4.53	0.500	5.000	0	90.6	80	120				
Methylene chloride	2.02	0.0750	2.000	0	101	80	120				
trans-1,2-Dichloroethene	1.97	0.0350	2.000	0	98.6	80	120				
Methyl tert-butyl ether (MTBE)	1.90	0.0350	2.000	0	95.0	80	120				
1,1-Dichloroethane	2.02	0.0500	2.000	0	101	80	120				
cis-1,2-Dichloroethene	2.06	0.0500	2.000	0	103	80	120				
(MEK) 2-Butanone	4.36	0.150	5.000	0	87.3	80	120				
Chloroform	2.05	0.0500	2.000	0	103	80	120				
1,1,1-Trichloroethane (TCA)	1.95	0.0300	2.000	0	97.4	80	120				
1,1-Dichloropropene	1.93	0.0500	2.000	0	96.7	80	120				
Carbon tetrachloride	2.03	0.0300	2.000	0	102	80	120				
1,2-Dichloroethane (EDC)	2.00	0.0500	2.000	0	100	80	120				
Benzene	1.99	0.0440	2.000	0	99.6	80	120				
Trichloroethene (TCE)	2.04	0.0400	2.000	0	102	80	120				
1,2-Dichloropropane	2.07	0.0300	2.000	0	104	80	120				
Bromodichloromethane	2.03	0.0250	2.000	0	102	80	120				
Dibromomethane	1.99	0.0250	2.000	0	99.3	80	120				
cis-1,3-Dichloropropene	2.02	0.0350	2.000	0	101	80	120				
Toluene	2.00	0.100	2.000	0	99.8	80	120				
trans-1,3-Dichloropropylene	1.99	0.0500	2.000	0	99.5	80	120				
Methyl Isobutyl Ketone (MIBK)	4.53	0.100	5.000	0	90.5	80	120				
1,1,2-Trichloroethane	1.98	0.0250	2.000	0	98.9	80	120				
1,3-Dichloropropane	2.06	0.0300	2.000	0	103	80	120				
Tetrachloroethene (PCE)	2.16	0.0350	2.000	0	108	80	120				
Dibromochloromethane	1.99	0.0300	2.000	0	99.4	80	120				

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41234	SampType: LCS	Units: µg/L				Prep Date: 8/17/2023			RunNo: 86029		
Client ID: LCSW	Batch ID: 41234	Analysis Date: 8/17/2023						SeqNo: 1794981			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	1.98	0.0200	2.000	0	99.2	80	120				
2-Hexanone	4.71	0.125	5.000	0	94.3	80	120				
Chlorobenzene	1.96	0.0500	2.000	0	98.1	80	120				
1,1,1,2-Tetrachloroethane	1.99	0.0300	2.000	0	99.6	80	120				
Ethylbenzene	2.18	0.0400	2.000	0	109	80	120				
m,p-Xylene	4.06	0.100	4.000	0	101	80	120				
o-Xylene	1.99	0.0500	2.000	0	99.5	80	120				
Styrene	2.04	0.0500	2.000	0	102	80	120				
Isopropylbenzene	2.03	0.0500	2.000	0	102	80	120				
Bromoform	1.97	0.0300	2.000	0	98.3	80	120				
1,1,2,2-Tetrachloroethane	1.82	0.0200	2.000	0	91.2	80	120				
n-Propylbenzene	2.04	0.0500	2.000	0	102	80	120				
Bromobenzene	1.92	0.0500	2.000	0	96.0	80	120				
1,3,5-Trimethylbenzene	2.06	0.0500	2.000	0	103	80	120				
2-Chlorotoluene	2.01	0.0500	2.000	0	101	80	120				
4-Chlorotoluene	2.03	0.0500	2.000	0	101	80	120				
tert-Butylbenzene	2.05	0.0500	2.000	0	102	80	120				
1,2,3-Trichloropropane	1.81	0.0400	2.000	0	90.7	80	120				
1,2,4-Trichlorobenzene	1.90	0.0750	2.000	0	94.8	80	120				
sec-Butylbenzene	2.05	0.0500	2.000	0	102	80	120				
4-Isopropyltoluene	2.04	0.0500	2.000	0	102	80	120				
1,3-Dichlorobenzene	1.95	0.0500	2.000	0	97.4	80	120				
1,4-Dichlorobenzene	1.93	0.0500	2.000	0	96.6	80	120				
n-Butylbenzene	2.02	0.0500	2.000	0	101	80	120				
1,2-Dichlorobenzene	1.97	0.0500	2.000	0	98.5	80	120				
1,2-Dibromo-3-chloropropane	1.81	0.100	2.000	0	90.5	80	120				
1,2,4-Trimethylbenzene	2.07	0.0500	2.000	0	104	80	120				
Hexachlorobutadiene	2.00	0.0500	2.000	0	99.9	80	120				
Naphthalene	1.84	0.125	2.000	0	91.8	80	120				
1,2,3-Trichlorobenzene	1.88	0.0700	2.000	0	94.2	80	120				
Surr: Dibromofluoromethane	2.60		2.500		104	80	120				
Surr: Toluene-d8	2.63		2.500		105	80	120				

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41234		SampType: LCS		Units: µg/L		Prep Date: 8/17/2023			RunNo: 86029			
Client ID: LCSW		Batch ID: 41234					Analysis Date: 8/17/2023			SeqNo: 1794981		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Surr: 1-Bromo-4-fluorobenzene	2.61		2.500		104	80	120					

Sample ID: MB-41234	SampType: MBLK	Units: µg/L			Prep Date: 8/17/2023			RunNo: 86029			
Client ID: MBLKW	Batch ID: 41234				Analysis Date: 8/17/2023			SeqNo: 1794979			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.300									
Trichlorofluoromethane (CFC-11)	ND	0.0300									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	ND	0.500									
Methylene chloride	ND	0.0750									
trans-1,2-Dichloroethene	ND	0.0350									
Methyl tert-butyl ether (MTBE)	ND	0.0350									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0300									
1,1-Dichloropropene	ND	0.0500									
Carbon tetrachloride	ND	0.0300									
1,2-Dichloroethane (EDC)	ND	0.0500									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0400									
1,2-Dichloropropane	ND	0.0300									
Bromodichloromethane	ND	0.0250									
Dibromomethane	ND	0.0250									
cis-1,3-Dichloropropene	ND	0.0350									

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-41234	SampType: MBLK	Units: µg/L			Prep Date: 8/17/2023			RunNo: 86029			
Client ID: MBLKW	Batch ID: 41234				Analysis Date: 8/17/2023			SeqNo: 1794979			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.100									
1,1,2-Trichloroethane	ND	0.0250									
1,3-Dichloropropane	ND	0.0300									
Tetrachloroethene (PCE)	ND	0.0350									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.0200									
2-Hexanone	ND	0.125									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.0500									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									
1,2-Dichlorobenzene	ND	0.0500									

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-41234	SampType: MBLK	Units: µg/L				Prep Date: 8/17/2023				RunNo: 86029		
Client ID: MBLKW	Batch ID: 41234					Analysis Date: 8/17/2023				SeqNo: 1794979		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,2-Dibromo-3-chloropropane	ND	0.100										
1,2,4-Trimethylbenzene	ND	0.0500										
Hexachlorobutadiene	ND	0.0500										
Naphthalene	ND	0.125										
1,2,3-Trichlorobenzene	ND	0.0700										
Surr: Dibromofluoromethane	2.47		2.500		98.9	80	121					
Surr: Toluene-d8	2.50		2.500		99.8	80	120					
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.5	80	120					

Sample ID: LCS-D-41234	SampType: LCS-D	Units: µg/L			Prep Date: 8/17/2023			RunNo: 86029			
Client ID: LCSW02	Batch ID: 41234				Analysis Date: 8/17/2023			SeqNo: 1795300			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.21	0.0500	2.000	0	110	80	120	1.796	20.6	20	R
Chloromethane	2.42	0.0750	2.000	0	121	80	120	1.889	24.7	20	RS
Vinyl chloride	2.06	0.0200	2.000	0	103	80	120	1.914	7.13	20	
Bromomethane	1.43	0.300	2.000	0	71.7	80	120	2.098	37.6	20	RS
Trichlorofluoromethane (CFC-11)	2.17	0.0300	2.000	0	108	80	120	2.027	6.78	20	
Chloroethane	1.98	0.100	2.000	0	98.9	80	120	2.049	3.49	20	
1,1-Dichloroethene	2.13	0.0500	2.000	0	106	80	120	1.890	11.9	20	
Acetone	3.98	0.500	5.000	0	79.6	80	120	4.528	12.9	20	S
Methylene chloride	2.89	0.0750	2.000	0	144	80	120	2.015	35.6	20	RS
trans-1,2-Dichloroethene	2.09	0.0350	2.000	0	104	80	120	1.972	5.63	20	
Methyl tert-butyl ether (MTBE)	2.29	0.0350	2.000	0	114	80	120	1.900	18.4	20	
1,1-Dichloroethane	2.08	0.0500	2.000	0	104	80	120	2.019	3.06	20	
cis-1,2-Dichloroethene	2.14	0.0500	2.000	0	107	80	120	2.063	3.55	20	
(MEK) 2-Butanone	4.60	0.150	5.000	0	92.0	80	120	4.363	5.34	20	
Chloroform	2.18	0.0500	2.000	0	109	80	120	2.052	6.11	20	
1,1,1-Trichloroethane (TCA)	2.13	0.0300	2.000	0	107	80	120	1.948	9.12	20	
1,1-Dichloropropene	2.15	0.0500	2.000	0	107	80	120	1.934	10.4	20	
Carbon tetrachloride	2.21	0.0300	2.000	0	110	80	120	2.034	8.28	20	

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCSD-41234	SampType: LCSD	Units: µg/L				Prep Date: 8/17/2023			RunNo: 86029		
Client ID: LCSW02	Batch ID: 41234	Analysis Date: 8/17/2023							SeqNo: 1795300		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	2.23	0.0500	2.000	0	111	80	120	2.001	10.6	20	
Benzene	2.19	0.0440	2.000	0	110	80	120	1.992	9.55	20	
Trichloroethene (TCE)	2.16	0.0400	2.000	0	108	80	120	2.041	5.65	20	
1,2-Dichloropropane	2.10	0.0300	2.000	0	105	80	120	2.074	1.13	20	
Bromodichloromethane	2.12	0.0250	2.000	0	106	80	120	2.034	3.95	20	
Dibromomethane	2.25	0.0250	2.000	0	112	80	120	1.985	12.5	20	
cis-1,3-Dichloropropene	2.33	0.0350	2.000	0	117	80	120	2.018	14.5	20	
Toluene	2.18	0.100	2.000	0	109	80	120	1.996	8.84	20	
trans-1,3-Dichloropropylene	2.38	0.0500	2.000	0	119	80	120	1.990	17.7	20	
Methyl Isobutyl Ketone (MIBK)	6.12	0.100	5.000	0	122	80	120	4.527	29.9	20	RS
1,1,2-Trichloroethane	2.32	0.0250	2.000	0	116	80	120	1.978	16.0	20	S
1,3-Dichloropropane	2.42	0.0300	2.000	0	121	80	120	2.062	15.9	20	
Tetrachloroethene (PCE)	2.43	0.0350	2.000	0	122	80	120	2.161	11.9	20	
Dibromochloromethane	2.22	0.0300	2.000	0	111	80	120	1.988	11.2	20	
1,2-Dibromoethane (EDB)	2.31	0.0200	2.000	0	115	80	120	1.983	15.2	20	
2-Hexanone	4.88	0.125	5.000	0	97.5	80	120	4.713	3.38	20	
Chlorobenzene	2.32	0.0500	2.000	0	116	80	120	1.963	16.7	20	
1,1,1,2-Tetrachloroethane	2.34	0.0300	2.000	0	117	80	120	1.992	15.9	20	
Ethylbenzene	2.57	0.0400	2.000	0	129	80	120	2.177	16.6	20	
m,p-Xylene	4.81	0.100	4.000	0	120	80	120	4.056	17.0	20	S
o-Xylene	2.40	0.0500	2.000	0	120	80	120	1.990	18.9	20	S
Styrene	2.40	0.0500	2.000	0	120	80	120	2.043	15.9	20	S
Isopropylbenzene	2.45	0.0500	2.000	0	122	80	120	2.032	18.6	20	
Bromoform	2.42	0.0300	2.000	0	121	80	120	1.967	20.6	20	
1,1,2,2-Tetrachloroethane	2.61	0.0200	2.000	0	131	80	120	1.825	35.4	20	RS
n-Propylbenzene	2.42	0.0500	2.000	0	121	80	120	2.042	16.9	20	S
Bromobenzene	2.39	0.0500	2.000	0	120	80	120	1.921	21.9	20	R
1,3,5-Trimethylbenzene	2.44	0.0500	2.000	0	122	80	120	2.056	17.0	20	S
2-Chlorotoluene	2.38	0.0500	2.000	0	119	80	120	2.014	16.5	20	
4-Chlorotoluene	2.36	0.0500	2.000	0	118	80	120	2.026	15.2	20	
tert-Butylbenzene	2.45	0.0500	2.000	0	123	80	120	2.046	18.1	20	
1,2,3-Trichloropropane	2.58	0.0400	2.000	0	129	80	120	1.815	34.7	20	RS

Work Order: 2308188
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS D-41234		SampType: LCS D		Units: µg/L		Prep Date: 8/17/2023		RunNo: 86029			
Client ID: LCS W02		Batch ID: 41234				Analysis Date: 8/17/2023		SeqNo: 1795300			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.46	0.0750	2.000	0	123	80	120	1.896	25.8	20	RS
sec-Butylbenzene	2.45	0.0500	2.000	0	122	80	120	2.045	18.0	20	S
4-Isopropyltoluene	2.46	0.0500	2.000	0	123	80	120	2.041	18.5	20	S
1,3-Dichlorobenzene	2.38	0.0500	2.000	0	119	80	120	1.947	20.0	20	R
1,4-Dichlorobenzene	2.30	0.0500	2.000	0	115	80	120	1.932	17.5	20	
n-Butylbenzene	2.42	0.0500	2.000	0	121	80	120	2.021	17.9	20	S
1,2-Dichlorobenzene	2.39	0.0500	2.000	0	119	80	120	1.971	19.2	20	
1,2-Dibromo-3-chloropropane	2.56	0.100	2.000	0	128	80	120	1.810	34.3	20	RS
1,2,4-Trimethylbenzene	2.46	0.0500	2.000	0	123	80	120	2.074	16.8	20	S
Hexachlorobutadiene	2.55	0.0500	2.000	0	127	80	120	1.998	24.2	20	RS
Naphthalene	2.61	0.125	2.000	0	130	80	120	1.836	34.7	20	RS
1,2,3-Trichlorobenzene	2.51	0.0700	2.000	0	125	80	120	1.885	28.5	20	RS
Surr: Dibromofluoromethane	2.48		2.500		99.3	80	120		0		
Surr: Toluene-d8	2.46		2.500		98.6	80	120		0		
Surr: 1-Bromo-4-fluorobenzene	2.61		2.500		104	80	120		0		

NOTES:

S,R - Outlying spike recovery observed (high bias) and RPD out due to matrix effects of a prior injection.

Sample Log-In Check List

Client Name: TRCI

Work Order Number: 2308188

Logged by: Clare Griggs

Date Received: 8/14/2023 11:14:00 AM

Chain of Custody

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

Log In

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

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

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



Fremont
Analytical
An Alliance Technical Group Company

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

Chain of Custody Record & Laboratory Services Agreement

Date: 8/14/23 Page: 1 of 1

Laboratory Project No (internal): 2308188

Project Name: WA Industries

Special Remarks:
PO: 201861

Project No: 015354

Collected by: L. Briant

Location: Seattle, WA

Report To (PM): Mariem Esparra

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

Client: TRC

Address: 1180 NW Maple St, Suite 310

City, State, Zip: Issaquah, WA 98047

Telephone: 425.395.0010

Email(s): mesparra@trccompanies.com, CC: cmtan@trc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8160 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCD)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 8210 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	EDB (8011)	Comments
1 AIR-EFF	8/14/23	1045	A	1X													
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

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

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

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

Turn-around Time:

☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

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

Relinquished (Signature) x Print Name Madison Taylor Date/Time 8/14/23 11:13

Received (Signature) x Print Name MASON P Date/Time 8/14/23 11:14

Relinquished (Signature) x _____ Print Name _____ Date/Time _____

Received (Signature) x _____ Print Name _____ Date/Time _____



3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

TRC

Mariem Esparra
1180 NW Maple St. Ste 310
Issaquah, WA 98027

RE: WA Industries 105354
Work Order Number: 2309536

October 06, 2023

Attention Mariem Esparra:

Fremont Analytical, Inc. received 1 sample(s) on 9/29/2023 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com



Date: 10/06/2023

CLIENT: TRC
Project: WA Industries 105354
Work Order: 2309536

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2309536-001	AIR-EFF	09/28/2023 2:10 PM	09/29/2023 2:10 PM

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

Original

CLIENT: TRC
Project: WA Industries 105354

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Air samples are reported in ug/L.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

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

Acronyms:

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



Analytical Report

Work Order: 2309536

Date Reported: 10/6/2023

Client: TRC

Collection Date: 9/28/2023 2:10:00 PM

Project: WA Industries 105354

Lab ID: 2309536-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 41652

Analyst: KJ

Dichlorodifluoromethane	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Chloromethane	ND	0.0750	H	µg/L	1	10/2/2023 5:14:53 PM
Vinyl chloride	ND	0.0200	H	µg/L	1	10/2/2023 5:14:53 PM
Bromomethane	ND	0.300	H	µg/L	1	10/2/2023 5:14:53 PM
Trichlorofluoromethane (CFC-11)	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
Chloroethane	ND	0.100	H	µg/L	1	10/2/2023 5:14:53 PM
1,1-Dichloroethene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Acetone	ND	0.500	H	µg/L	1	10/2/2023 5:14:53 PM
Methylene chloride	ND	0.0750	H	µg/L	1	10/2/2023 5:14:53 PM
trans-1,2-Dichloroethene	ND	0.0350	H	µg/L	1	10/2/2023 5:14:53 PM
Methyl tert-butyl ether (MTBE)	ND	0.0350	H	µg/L	1	10/2/2023 5:14:53 PM
1,1-Dichloroethane	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
cis-1,2-Dichloroethene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
(MEK) 2-Butanone	ND	0.150	H	µg/L	1	10/2/2023 5:14:53 PM
Chloroform	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,1,1-Trichloroethane (TCA)	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
1,1-Dichloropropene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Carbon tetrachloride	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
1,2-Dichloroethane (EDC)	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Benzene	ND	0.0440	H	µg/L	1	10/2/2023 5:14:53 PM
Trichloroethene (TCE)	3.00	0.0400	H	µg/L	1	10/2/2023 5:14:53 PM
1,2-Dichloropropane	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
Bromodichloromethane	ND	0.0250	H	µg/L	1	10/2/2023 5:14:53 PM
Dibromomethane	ND	0.0250	H	µg/L	1	10/2/2023 5:14:53 PM
cis-1,3-Dichloropropene	ND	0.0350	H	µg/L	1	10/2/2023 5:14:53 PM
Toluene	ND	0.100	H	µg/L	1	10/2/2023 5:14:53 PM
trans-1,3-Dichloropropylene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Methyl Isobutyl Ketone (MIBK)	ND	0.100	H	µg/L	1	10/2/2023 5:14:53 PM
1,1,2-Trichloroethane	ND	0.0250	H	µg/L	1	10/2/2023 5:14:53 PM
1,3-Dichloropropane	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
Tetrachloroethene (PCE)	0.0456	0.0350	H	µg/L	1	10/2/2023 5:14:53 PM
Dibromochloromethane	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
1,2-Dibromoethane (EDB)	ND	0.0200	H	µg/L	1	10/2/2023 5:14:53 PM
2-Hexanone	ND	0.125	H	µg/L	1	10/2/2023 5:14:53 PM
Chlorobenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,1,1,2-Tetrachloroethane	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
Ethylbenzene	ND	0.0400	H	µg/L	1	10/2/2023 5:14:53 PM
m,p-Xylene	ND	0.100	H	µg/L	1	10/2/2023 5:14:53 PM
o-Xylene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM

Original



Analytical Report

Work Order: 2309536

Date Reported: 10/6/2023

Client: TRC

Collection Date: 9/28/2023 2:10:00 PM

Project: WA Industries 105354

Lab ID: 2309536-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA Method 8260D

Batch ID: 41652

Analyst: KJ

Styrene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Isopropylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Bromoform	ND	0.0300	H	µg/L	1	10/2/2023 5:14:53 PM
1,1,2,2-Tetrachloroethane	ND	0.0200	H	µg/L	1	10/2/2023 5:14:53 PM
n-Propylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Bromobenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,3,5-Trimethylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
2-Chlorotoluene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
4-Chlorotoluene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
tert-Butylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,2,3-Trichloropropane	ND	0.0400	H	µg/L	1	10/2/2023 5:14:53 PM
1,2,4-Trichlorobenzene	ND	0.0750	H	µg/L	1	10/2/2023 5:14:53 PM
sec-Butylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
4-Isopropyltoluene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,3-Dichlorobenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,4-Dichlorobenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
n-Butylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,2-Dichlorobenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
1,2-Dibromo-3-chloropropane	ND	0.100	H	µg/L	1	10/2/2023 5:14:53 PM
1,2,4-Trimethylbenzene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Hexachlorobutadiene	ND	0.0500	H	µg/L	1	10/2/2023 5:14:53 PM
Naphthalene	ND	0.125	H	µg/L	1	10/2/2023 5:14:53 PM
1,2,3-Trichlorobenzene	ND	0.0700	H	µg/L	1	10/2/2023 5:14:53 PM
Surr: Dibromofluoromethane	87.7	80 - 121	H	%Rec	1	10/2/2023 5:14:53 PM
Surr: Toluene-d8	87.6	80 - 120	H	%Rec	1	10/2/2023 5:14:53 PM
Surr: 1-Bromo-4-fluorobenzene	89.3	80 - 120	H	%Rec	1	10/2/2023 5:14:53 PM

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41652	SampType: LCS	Units: µg/L				Prep Date: 10/2/2023			RunNo: 86961		
Client ID: LCSW	Batch ID: 41652	Analysis Date: 10/2/2023							SeqNo: 1815246		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.53	0.0500	2.000	0	127	80	120				S
Chloromethane	2.06	0.0750	2.000	0	103	80	120				
Vinyl chloride	2.27	0.0200	2.000	0	114	80	120				
Bromomethane	2.82	0.300	2.000	0	141	80	120				S
Trichlorofluoromethane (CFC-11)	2.12	0.0300	2.000	0	106	80	120				
Chloroethane	3.21	0.100	2.000	0	161	80	120				S
1,1-Dichloroethene	2.10	0.0500	2.000	0	105	80	120				
Acetone	5.05	0.500	5.000	0	101	80	120				
Methylene chloride	1.94	0.0750	2.000	0	96.9	80	120				
trans-1,2-Dichloroethene	2.00	0.0350	2.000	0	99.8	80	120				
Methyl tert-butyl ether (MTBE)	1.91	0.0350	2.000	0	95.4	80	120				
1,1-Dichloroethane	1.98	0.0500	2.000	0	99.0	80	120				
cis-1,2-Dichloroethene	2.16	0.0500	2.000	0	108	80	120				
(MEK) 2-Butanone	6.09	0.150	5.000	0	122	80	120				S
Chloroform	1.96	0.0500	2.000	0	98.1	80	120				
1,1,1-Trichloroethane (TCA)	2.16	0.0300	2.000	0	108	80	120				
1,1-Dichloropropene	2.09	0.0500	2.000	0	105	80	120				
Carbon tetrachloride	2.14	0.0300	2.000	0	107	80	120				
1,2-Dichloroethane (EDC)	1.88	0.0500	2.000	0	93.9	80	120				
Benzene	2.05	0.0440	2.000	0	103	80	120				
Trichloroethene (TCE)	2.09	0.0400	2.000	0	104	80	120				
1,2-Dichloropropane	1.97	0.0300	2.000	0	98.5	80	120				
Bromodichloromethane	2.01	0.0250	2.000	0	100	80	120				
Dibromomethane	2.23	0.0250	2.000	0	112	80	120				
cis-1,3-Dichloropropene	2.06	0.0350	2.000	0	103	80	120				
Toluene	2.04	0.100	2.000	0	102	80	120				
trans-1,3-Dichloropropylene	1.97	0.0500	2.000	0	98.6	80	120				
Methyl Isobutyl Ketone (MIBK)	4.86	0.100	5.000	0	97.2	80	120				
1,1,2-Trichloroethane	2.13	0.0250	2.000	0	106	80	120				
1,3-Dichloropropane	2.09	0.0300	2.000	0	104	80	120				
Tetrachloroethene (PCE)	2.06	0.0350	2.000	0	103	80	120				
Dibromochloromethane	2.16	0.0300	2.000	0	108	80	120				

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41652	SampType: LCS	Units: µg/L				Prep Date: 10/2/2023			RunNo: 86961		
Client ID: LCSW	Batch ID: 41652	Analysis Date: 10/2/2023							SeqNo: 1815246		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	2.23	0.0200	2.000	0	112	80	120				
2-Hexanone	5.99	0.125	5.000	0	120	80	120				
Chlorobenzene	2.21	0.0500	2.000	0	110	80	120				
1,1,1,2-Tetrachloroethane	2.14	0.0300	2.000	0	107	80	120				
Ethylbenzene	2.07	0.0400	2.000	0	104	80	120				
m,p-Xylene	4.21	0.100	4.000	0	105	80	120				
o-Xylene	2.13	0.0500	2.000	0	106	80	120				
Styrene	2.13	0.0500	2.000	0	106	80	120				
Isopropylbenzene	2.21	0.0500	2.000	0	111	80	120				
Bromoform	2.01	0.0300	2.000	0	101	80	120				
1,1,2,2-Tetrachloroethane	2.13	0.0200	2.000	0	107	80	120				
n-Propylbenzene	2.18	0.0500	2.000	0	109	80	120				
Bromobenzene	2.20	0.0500	2.000	0	110	80	120				
1,3,5-Trimethylbenzene	2.21	0.0500	2.000	0	110	80	120				
2-Chlorotoluene	2.16	0.0500	2.000	0	108	80	120				
4-Chlorotoluene	2.18	0.0500	2.000	0	109	80	120				
tert-Butylbenzene	2.12	0.0500	2.000	0	106	80	120				
1,2,3-Trichloropropane	1.96	0.0400	2.000	0	98.2	80	120				
1,2,4-Trichlorobenzene	1.86	0.0750	2.000	0	93.0	80	120				
sec-Butylbenzene	2.20	0.0500	2.000	0	110	80	120				
4-Isopropyltoluene	2.11	0.0500	2.000	0	105	80	120				
1,3-Dichlorobenzene	2.10	0.0500	2.000	0	105	80	120				
1,4-Dichlorobenzene	2.06	0.0500	2.000	0	103	80	120				
n-Butylbenzene	2.10	0.0500	2.000	0	105	80	120				
1,2-Dichlorobenzene	2.14	0.0500	2.000	0	107	80	120				
1,2-Dibromo-3-chloropropane	1.76	0.100	2.000	0	88.0	80	120				
1,2,4-Trimethylbenzene	2.16	0.0500	2.000	0	108	80	120				
Hexachlorobutadiene	1.79	0.0500	2.000	0	89.5	80	120				
Naphthalene	1.92	0.125	2.000	0	96.0	80	120				
1,2,3-Trichlorobenzene	1.79	0.0700	2.000	0	89.3	80	120				
Surr: Dibromofluoromethane	2.08		2.500		83.3	80	120				
Surr: Toluene-d8	2.13		2.500		85.0	80	120				

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-41652		SampType: LCS		Units: µg/L		Prep Date: 10/2/2023		RunNo: 86961			
Client ID: LCSW		Batch ID: 41652				Analysis Date: 10/2/2023		SeqNo: 1815246			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	2.16		2.500		86.5	80	120				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 2309536-001ADUP	SampType: DUP	Units: µg/L			Prep Date: 10/2/2023			RunNo: 86961			
Client ID: AIR-EFF	Batch ID: 41652				Analysis Date: 10/2/2023			SeqNo: 1815241			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500						0		30	H
Chloromethane	ND	0.0750						0		30	H
Vinyl chloride	ND	0.0200						0		30	H
Bromomethane	ND	0.300						0		30	H
Trichlorofluoromethane (CFC-11)	ND	0.0300						0		30	H
Chloroethane	ND	0.100						0		30	H
1,1-Dichloroethene	ND	0.0500						0		30	H
Acetone	ND	0.500						0		30	H
Methylene chloride	ND	0.0750						0		30	H
trans-1,2-Dichloroethene	ND	0.0350						0		30	H
Methyl tert-butyl ether (MTBE)	ND	0.0350						0		30	H
1,1-Dichloroethane	ND	0.0500						0		30	H
cis-1,2-Dichloroethene	ND	0.0500						0		30	H
(MEK) 2-Butanone	ND	0.150						0		30	H
Chloroform	ND	0.0500						0		30	H
1,1,1-Trichloroethane (TCA)	ND	0.0300						0		30	H
1,1-Dichloropropene	ND	0.0500						0		30	H
Carbon tetrachloride	ND	0.0300						0		30	H
1,2-Dichloroethane (EDC)	ND	0.0500						0		30	H
Benzene	0.0640	0.0440						0	200	30	H
Trichloroethene (TCE)	3.10	0.0400						3.001	3.19	30	H
1,2-Dichloropropane	ND	0.0300						0		30	H
Bromodichloromethane	ND	0.0250						0		30	H
Dibromomethane	ND	0.0250						0		30	H

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2309536-001ADUP		SampType: DUP		Units: µg/L		Prep Date: 10/2/2023			RunNo: 86961			
Client ID: AIR-EFF		Batch ID: 41652					Analysis Date: 10/2/2023			SeqNo: 1815241		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
cis-1,3-Dichloropropene	ND	0.0350						0		30	H	
Toluene	ND	0.100						0		30	H	
trans-1,3-Dichloropropylene	ND	0.0500						0		30	H	
Methyl Isobutyl Ketone (MIBK)	ND	0.100						0		30	H	
1,1,2-Trichloroethane	ND	0.0250						0		30	H	
1,3-Dichloropropane	ND	0.0300						0		30	H	
Tetrachloroethene (PCE)	0.0501	0.0350						0.04561	9.47	30	H	
Dibromochloromethane	ND	0.0300						0		30	H	
1,2-Dibromoethane (EDB)	ND	0.0200						0		30	H	
2-Hexanone	ND	0.125						0		30	H	
Chlorobenzene	ND	0.0500						0		30	H	
1,1,1,2-Tetrachloroethane	ND	0.0300						0		30	H	
Ethylbenzene	ND	0.0400						0		30	H	
m,p-Xylene	ND	0.100						0		30	H	
o-Xylene	ND	0.0500						0		30	H	
Styrene	ND	0.0500						0		30	H	
Isopropylbenzene	ND	0.0500						0		30	H	
Bromoform	ND	0.0300						0		30	H	
1,1,2,2-Tetrachloroethane	ND	0.0200						0		30	H	
n-Propylbenzene	ND	0.0500						0		30	H	
Bromobenzene	ND	0.0500						0		30	H	
1,3,5-Trimethylbenzene	ND	0.0500						0		30	H	
2-Chlorotoluene	ND	0.0500						0		30	H	
4-Chlorotoluene	ND	0.0500						0		30	H	
tert-Butylbenzene	ND	0.0500						0		30	H	
1,2,3-Trichloropropane	ND	0.0400						0		30	H	
1,2,4-Trichlorobenzene	ND	0.0750						0		30	H	
sec-Butylbenzene	ND	0.0500						0		30	H	
4-Isopropyltoluene	ND	0.0500						0		30	H	
1,3-Dichlorobenzene	ND	0.0500						0		30	H	
1,4-Dichlorobenzene	ND	0.0500						0		30	H	
n-Butylbenzene	ND	0.0500						0		30	H	

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2309536-001ADUP		SampType: DUP		Units: µg/L		Prep Date: 10/2/2023		RunNo: 86961			
Client ID: AIR-EFF		Batch ID: 41652				Analysis Date: 10/2/2023		SeqNo: 1815241			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	0.0500						0		30	H
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	H
1,2,4-Trimethylbenzene	ND	0.0500						0		30	H
Hexachlorobutadiene	ND	0.0500						0		30	H
Naphthalene	ND	0.125						0		30	H
1,2,3-Trichlorobenzene	ND	0.0700						0		30	H
Surr: Dibromofluoromethane	2.17		2.500		86.7	80	121		0		H
Surr: Toluene-d8	2.17		2.500		86.7	80	120		0		H
Surr: 1-Bromo-4-fluorobenzene	2.21		2.500		88.6	80	120		0		H

Sample ID: MB-41652		SampType: MBLK		Units: µg/L		Prep Date: 10/2/2023		RunNo: 86961			
Client ID: MBLKW		Batch ID: 41652				Analysis Date: 10/2/2023		SeqNo: 1815243			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.0500									
Chloromethane	ND	0.0750									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.300									
Trichlorofluoromethane (CFC-11)	ND	0.0300									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.0500									
Acetone	ND	0.500									
Methylene chloride	0.146	0.0750									
trans-1,2-Dichloroethene	ND	0.0350									
Methyl tert-butyl ether (MTBE)	ND	0.0350									
1,1-Dichloroethane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0500									
(MEK) 2-Butanone	ND	0.150									
Chloroform	ND	0.0500									
1,1,1-Trichloroethane (TCA)	ND	0.0300									
1,1-Dichloropropene	ND	0.0500									

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-41652	SampType: MBLK	Units: µg/L			Prep Date: 10/2/2023			RunNo: 86961			
Client ID: MBLKW	Batch ID: 41652				Analysis Date: 10/2/2023			SeqNo: 1815243			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	0.0300									
1,2-Dichloroethane (EDC)	ND	0.0500									
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0400									
1,2-Dichloropropane	ND	0.0300									
Bromodichloromethane	ND	0.0250									
Dibromomethane	ND	0.0250									
cis-1,3-Dichloropropene	ND	0.0350									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.0500									
Methyl Isobutyl Ketone (MIBK)	ND	0.100									
1,1,2-Trichloroethane	ND	0.0250									
1,3-Dichloropropane	ND	0.0300									
Tetrachloroethene (PCE)	ND	0.0350									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.0200									
2-Hexanone	ND	0.125									
Chlorobenzene	ND	0.0500									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0400									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.0500									
Styrene	ND	0.0500									
Isopropylbenzene	ND	0.0500									
Bromoform	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0500									
Bromobenzene	ND	0.0500									
1,3,5-Trimethylbenzene	ND	0.0500									
2-Chlorotoluene	ND	0.0500									
4-Chlorotoluene	ND	0.0500									
tert-Butylbenzene	ND	0.0500									

Work Order: 2309536
CLIENT: TRC
Project: WA Industries 105354

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-41652	SampType: MBLK	Units: µg/L			Prep Date: 10/2/2023				RunNo: 86961		
Client ID: MBLKW	Batch ID: 41652	Analysis Date: 10/2/2023							SeqNo: 1815243		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	0.0400									
1,2,4-Trichlorobenzene	ND	0.0750									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0500									
1,4-Dichlorobenzene	ND	0.0500									
n-Butylbenzene	ND	0.0500									
1,2-Dichlorobenzene	ND	0.0500									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.0500									
Hexachlorobutadiene	ND	0.0500									
Naphthalene	ND	0.125									
1,2,3-Trichlorobenzene	ND	0.0700									
Surr: Dibromofluoromethane	2.19		2.500		87.5	80	121				
Surr: Toluene-d8	2.15		2.500		86.0	80	120				
Surr: 1-Bromo-4-fluorobenzene	2.23		2.500		89.3	80	120				

Sample Log-In Check List

Client Name: TRCI
 Logged by: Morgan Wilson

Work Order Number: 2309536
 Date Received: 9/29/2023 2:10:00 PM

Chain of Custody

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

Log In

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

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

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

SAMPLE CHAIN OF CUSTODY

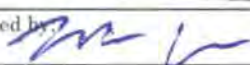
Report To Mariem Esparra
 Company TRC
 Address 1065 12th Ave NW, HE-6
 City, State, ZIP Issaquah, WA 98027
 Phone 425-395-0010 Email mesparra@trccompanies.com

SAMPLERS (signature) <u>WB & EM</u>	
PROJECT NAME <u>WA Industries</u> <u>015354</u>	PO # <u>201861</u>
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME ☒ Standard turnaround ☐ RUSH <u>2309530</u> Rush charges authorized by:
SAMPLE DISPOSAL ☐ Archive samples ☐ Other Default: Dispose after 30 days

						ANALYSES REQUESTED												Notes
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						
AIR-EFF		9-28-23	1410	Air	1					X								

Friedman & Bruya, Inc.
 Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	Leithan Brient	TRC	9/28/23	1600
Received by: 	Nathan Koffler	FAI	9/27/23	1410
Relinquished by:				
Received by:				