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September 23, 2021

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

Re: Annual Groundwater Monitoring Report for 2020–2021
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

Dear Mr. Drake:

TRC Environmental Corporation (TRC)¹, is pleased to present this Annual Groundwater Monitoring Report (Annual Report) for the 2020 to 2021 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. Heather Vick 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

¹ Prior work on this project was performed by Environmental Partners, Inc. (EPI). EPI was acquired by TRC on December 27, 2019. For the purposes of this report EPI and TRC may be used interchangeably.

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 the 2016 to 2017, the 2017 to 2018, the 2018 to 2019, and the 2019–2020 monitoring cycles.

This Annual Report presents a discussion of the quarterly groundwater monitoring events performed at the Site in May 2020, August 2020, November/December 2020, February 2021, and May 2021.

For the purposes of the RI, the pre-remedial lateral and vertical extents of the Site, as defined under MTCA are characterized as the maximum 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 to the 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 and groundwater samples are collected from selected monitoring wells for analysis of chemicals of concern (COCs). The sampling frequency at each well during the 2020 to 2021 sampling cycle was as follows:

- Thirteen shallow aquifer monitoring wells (MW-3, MW-7s, MW-8s, MW-11, MW-14, MW-15s, MW-18, MW-19, MW-21s, MW-24s, MW-26s, SBW-2, and SBW-3) and two intermediate aquifer monitoring wells (MW-7ir and MW-15i) were sampled on a quarterly basis;
- Five additional shallow aquifer monitoring wells (MW-1s, MW-20s, MW-29s, SBW-1, and SBW-4) were sampled on a semi-annual basis in August and February; and
- The remaining 13 shallow aquifer monitoring wells (MW-2, MW-4, MW-05s, MW-07, MW-9, MW-10s, MW-12, MW-16, MW-22s, MW-23s, MW-25s, MW-27s, and MW-28s) and 13

intermediate aquifer monitoring wells (MW-1i, MW-4i, MW-5B, MW-05i, MW-8i, MW-10i, MW-20i, MW-21i, MW-22i, MW-23i, MW-24ir, MW-25i, and MW-26i) were sampled on an annual basis each year in May.

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 more natural 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 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 aquifer wells generally ranged from approximately 3.94 feet to 13.38 feet below the top of the well casing, corresponding to piezometric elevations ranging from approximately 5.84 feet to 16.68 feet above mean sea level (MSL). The piezometric data indicate that shallow aquifer groundwater generally migrates in a northwesterly direction, at an approximate gradient of 0.014 feet/foot. Interpolated piezometric contours for the shallow aquifer for May 2021 are presented on Figure 3. Figure 4 depicts interpolated piezometric contours for the shallow aquifer for the May 2020, August 2020, November/December 2020, February 2021, and May 2021 sampling events.

The depth to water in the intermediate aquifer monitoring wells ranged from approximately 3.41 feet to 13.61 feet below the top of the well casing, corresponding to piezometric elevations ranging from approximately 7.34 feet to 18.18 feet above MSL. The piezometric data indicate that the intermediate aquifer groundwater generally migrates in a west-northwesterly direction with a gradient of approximately 0.02 feet/foot. Interpolated piezometric contours for the intermediate aquifer for May 2021 are presented on Figure 5. Figure 6 depicts interpolated piezometric contours for the intermediate aquifer for the May 2020, August 2020, November/December 2020, February 2021, and May 2021 sampling events.

There are 14 pairs of co-located shallow and intermediate aquifer well pairs. Water level data for these co-located wells pairs indicate that there is a net upward hydraulic gradient between the shallow and intermediate aquifer over the entire Site. The average net upward gradient ranged between 0.26 feet and 4.35 feet of head during the annual monitoring cycle. The vertical gradients are indicated on Figure 7. Upward gradients are indicated by negative values. Uncharacteristic downward gradients were observed during the May 2020, August 2020, November 2020, and May 2021 monitoring events. Downward gradients were observed between the following well pairs:

- MW-05/MW-05i (November 2020)
- MW-20S/MW20i (May 2020, August 2020, and May 2021)
- MW-22S/MW-22i (May 2020, August 2020, and November 2020)

Downward gradients appear to coincide with unusually high groundwater levels in the shallow aquifer, which are likely due to significant precipitation events and localized drainage and infiltration in a highly urbanized setting.

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 aquitard 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. In accordance with the work plan, passive diffusion bags (PDBs) were formally evaluated for use in collecting samples for VOC analysis. During the evaluation PDBs were deployed in select monitoring wells at the Site in advance of the March 2017 groundwater sampling event, and samples were collected from the PDBs (in addition to the samples collected via low-flow sampling methods). Following the March 2017 groundwater sampling, PDBs were redeployed in select monitoring wells for sampling in May 2017 and in August 2017. Following the May and August 2017 sampling events, TRC evaluated the PDB analytical results and determined that the use of PDB sampling at the Site *in lieu* of low-flow sampling was appropriate for future groundwater monitoring events. The evaluation of PDBs is presented in additional detail in the *Annual Groundwater Monitoring Report for 2017-2018*, dated June 5, 2018, which was provided to Ecology under the VCP.

Groundwater samples have been collected using PDBs during the November 2017 through May 2021 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 either purged until field measurements of pH, temperature, and conductivity stabilized to within 10 percent of the prior measurement or until three wetted casing volumes had been removed, whichever occurred first. Purging was performed using a peristaltic pump and dedicated tubing. 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 8260C. 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 the purposes of this report, TCE and CrVI in groundwater are the primary COCs for monitoring, and these chemicals serve as indicator hazardous substances for the dissolved-phase plume.

Isoconcentration contours for the May 2021 TCE data are presented on Figure 8. Figure 9 depicts TCE isoconcentration contours for the May 2020, August 2020, November/December 2020, and February 2021 sampling events. Figure 10 presents a graphical summary of TCE distribution since October 2016 and illustrates the progression of groundwater quality improvement over the past 5 years.

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

May 2020

This was a quarterly sampling event. TCE was identified in 6 of the 12 groundwater samples collected from the shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 2.8 µg/L in the sample collected from well MW-11 to 29 µg/L in the sample collected from monitoring well MW-3. Four of the reported TCE concentrations in shallow groundwater exceeded the CUL for TCE of 8.4 µg/L.

TCE was not identified in any of the groundwater sample collected from the two intermediate monitoring wells sampled during this event at concentrations greater than the sample quantitation limit of 2 µg/L.

CrVI was identified in one of the four groundwater samples collected from the shallow monitoring wells sampled during this event. CrVI was reported at a concentration of 66 µg/L in the sample collected from monitoring well SBW-3, which is less than the CUL of 9,400 µg/L. No samples from the intermediate depth aquifer were submitted for analysis of CrVI during this event.

August 2020

This was a semi-annual sampling event. TCE was identified in groundwater samples collected from 6 of the 18 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 2.5 µg/L in the sample collected from well SBW-1 to 17 µg/L in the sample collected from monitoring well SBW-3. Four of the reported TCE concentrations in shallow groundwater exceeded the CUL for TCE of 8.4 µg/L.

TCE was not identified in any of the groundwater sample collected from the two intermediate monitoring wells sampled during this event at concentrations greater than the sample quantitation limit of 2 µg/L.

CrVI was identified in two of the six groundwater samples collected from shallow monitoring wells sampled during this event. CrVI was reported at concentrations of 34 µg/L and 72 µg/L in the groundwater samples collected from monitoring wells MW-11 and SBW-3, respectively. Both reported concentrations are less than the CUL of 9,400 µg/L. No samples from the intermediate depth aquifer were submitted for analysis of CrVI during this event.

November 2020

This was a quarterly sampling event. TCE was identified in groundwater samples collected from 6 of the 12 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 4.0 µg/L in the sample collected from well MW-11 to 91 µg/L in the sample collected from monitoring well MW-3. Two of the reported TCE concentrations in shallow groundwater exceeded the CUL of 8.4 µg/L.

TCE was not identified in the groundwater samples collected from the two intermediate monitoring wells (MW-7ir and MW-15i) sampled during this event at concentrations greater than the sample quantitation limit of 2 µg/L.

CrVI was not identified in the groundwater samples collected from shallow monitoring wells sampled during this event. No samples from the intermediate depth aquifer were submitted for analysis CrVI during this event.

February 2021

This was a quarterly sampling event. TCE was identified in groundwater samples collected from three of the 12 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 39 µg/L in the sample collected from well SBW-3 to 79 µg/L in the sample collected from monitoring well MW-3. All three reported TCE concentrations in shallow groundwater exceeded the CUL of 8.4 µg/L.

TCE was not identified in the groundwater samples collected from the two intermediate monitoring wells (MW-7ir and MW-15i) sampled during this event at concentrations greater than the sample quantitation limit of 2 µg/L.

CrVI was identified in two of the four groundwater samples collected from shallow monitoring wells sampled during this event. CrVI was reported at concentrations of 90 µg/L and 150 µg/L in the groundwater samples collected from monitoring wells MW-3 and SBW-3, respectively. Both reported concentrations are less than the CUL of 9,400 µg/L. No samples from the intermediate depth aquifer were submitted for analysis of CrVI during this event.

May 2021

This was the Site-wide annual sampling event for all wells. TCE was identified in groundwater samples collected from 5 of the 24 shallow monitoring wells sampled during this event. Reported concentrations of TCE ranged from 2.1 µg/L in the sample collected from MW-24s to 38 µg/L in the sample collected from monitoring well SBW-3. Three of the reported TCE concentrations in shallow groundwater exceeded the CUL of 8.4 µg/L.

TCE was not identified in any of the groundwater sample collected from the four intermediate monitoring wells sampled during this event at concentrations greater than the sample quantitation limit of 2 µg/L.

CrVI was identified in groundwater samples collected from 2 of the 10 shallow monitoring wells sampled during this event. Reported concentrations of CrVI were 82 µg/L in the groundwater sample collected from monitoring well MW-14 and 95 µg/L in the sample collected from monitoring well SBW-3. Neither of the reported concentrations of CrVI exceeded the CUL of 9,400 µg/L. CrVI was not detected in the intermediate depth aquifer.

ENHANCED REDUCTIVE DECHLORINATION APPLICATION

In December 2016, August 2017, and May 2019, EPI implemented *in situ* groundwater treatment using ERD at the Site. The primary objective of the ERD treatment is to reduce dissolved-phase concentrations of VOCs within the apparent source area for groundwater impacts, thereby limiting the potential for downgradient and cross-gradient VOC migration. The December 2016 treatment focused on the apparent source area within the central portion of the property. The August 2017 ERD treatment focused on impacts downgradient of the source area and off property. Both of these areas were treated during the May 2019 event.

The March 2017 groundwater monitoring event represents the first such event after the initial ERD treatment. The November 2017 groundwater monitoring event was the first event following the second ERD application. The May 2019 groundwater monitoring event was the first event following the third round of treatment. The effectiveness of the ERD applications will continue to be monitored through routine quarterly groundwater monitoring and evaluation of trends in the resulting data.

GROUNDWATER AND COC TRENDS

Groundwater monitoring data for May 2020 through May 2021 were evaluated for temporal fluctuations and trends in groundwater elevations and contaminant concentrations in the shallow and intermediate 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 0.0135 to 0.0142 feet/foot. Piezometric contour maps for the shallow aquifer in the annual monitoring cycle are presented on Figure 3 (May 2021) and Figure 4 (May 2020 through February 2021). 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 also consistently westerly to northwesterly with a gradient of approximately 0.02 feet/foot. Piezometric contour maps for the intermediate aquifer in the annual monitoring cycle are presented on Figure 5 (May 2021) and Figure 6 (May 2020 through February 2021).

Water level data in 13 shallow and intermediate aquifer 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 three locations during the May 2020, August 2020, November 2020, and May 2021 monitoring event, the downward gradients vary temporally and spatially, and appear to coincide with unusually high groundwater levels in the shallow aquifer; likely due to significant precipitation events.

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 that both the intensity of the dissolved-phase plume (as measured by maximum concentrations) and the lateral extent of the plume

(as measured in total area) have decreased over time and 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 lateral extent of the plume, as defined by the 8.4 µg/L concentration isocontour, slightly decreased during the 2020 to 2021 monitoring cycle. The decrease in lateral area of the plume is attributable to monitoring well MW-8s, in which the TCE concentration decreased to less than the CUL in November 2020 and has remained less than the CUL through May 2021. The estimated lateral area of the TCE plume decreased from about 15,000 square feet in May 2020 to about 8,200 square feet in May 2021.

The maximum TCE concentrations in the core of the plume decreased following the May 2019 ERD treatment but rebounded slightly beginning in the fall of 2019 and again in the fall of 2020. It is TRC's opinion that this condition is temporary and TCE concentrations in shallow groundwater will continue a decreasing trend as the ERD process continues.

The TCE in the shallow aquifer extend northwest and west from the downgradient edge of the on-site building (i.e., 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 monitoring wells MW-3, SBW-2, and SBW-3 (i.e., Source Area wells). Samples from wells within and immediately downgradient of the former source area (i.e., MW-14, MW-15, MW-16, MW-19) consistently do not contain detectable TCE concentrations (Figure 8). This finding indicates that residual impacts are localized to the area of MW-3 and hydraulically downgradient.

As noted above, ERD treatment was performed in December 2016, August 2017, and May 2019. A comparison of March 2016 (pre-treatment) and May 2021 data for the Source Area wells provides a continuing indication of the efficacy of the ERD treatment. The trends in groundwater quality improvement are clearly indicated on Figure 10.

For monitoring well MW-1 the TCE concentration from March 2016 to May 2021 decreased from 910 µg/L to less than 2.0 µg/L (greater than 99 percent). For monitoring well SBW-2 the TCE concentration decreased from 1,000 µg/L to 31 µg/L (approximately 97 percent). For monitoring well MW-3 the decrease was from 440 µg/L to 19 µg/L (approximately 96 percent) and for SBW-3 the decrease was from 100 µg/L to 38 µg/L (approximately 62 percent). This represents an average decrease of 89 percent from March 2016 to May 2021. It is anticipated that these decreases in TCE concentration will continue as the ERD process continues.

Figure 10 presents the distribution of the shallow TCE plume prior to remediation system startup in December 2016 through May 2021. 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 8.4 µg/L CUL. The pre-remediation area of the Site was approximately 57,005 square feet and the May 2021 area of the Site is approximately 6,300 square feet. This is an approximate 89 percent reduction in the area 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 May 2021 area of 2,160 square feet. This represents an approximate decrease of 95 percent. The Site area slightly increased in 2021 compared to the May 2020 area by 2 percent.

Hexavalent Chromium Trends Analysis

The available data indicate that concentrations of dissolved CrVI in the shallow aquifer have also decreased significantly in response to the ERD treatment. For monitoring well MW-3 the CrVI concentration from March 2016 to May 2021 decreased from 3,000 µg/L to less than 10 µg/L (greater than 99 percent). For monitoring well MW-11 the decrease was from 57 µg/L to less than 10 µg/L (greater than 82 percent). For monitoring well MW-18 the decrease was from 5,300 µg/L to less than 10 µg/L (greater than 99 percent), and for SBW-3 the decrease was from 170 µg/L to 95 µg/L (approximately 44 percent). This represents an average decrease in CrVI concentrations of about 81 percent from March 2016 to May 2021. Cumulative data for CrVI and total Cr are summarized in Table 3.

SVE SYSTEM OPERATION

As referenced earlier, two SVE systems are operating at the Site for remediation of the shallow soil. SVE System 1 was installed between June 20 and August 2, 2016 and with full-time startup on May 1, 2017. System 1 is focused 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 for continuous operation. System 2 is focused on soil conditions downgradient of the apparent source area and within the western portion of the building.

Extracted vapors for System 1 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.

System operation and maintenance (O&M) events were performed at the Site approximately every 6 weeks during the 2020 to 2021 monitoring period. 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 also 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 8260.

Based on the monitoring data and vapor analytical results, it is estimated that SVE System 1 has removed approximately 318 pounds of VOCs from the time of initial system startup on May 1, 2017 through May 24, 2021. SVE System 2 is estimated to have removed an additional 52 pounds of VOCs between December 4, 2017 and May 24, 2021. The total combined mass removal for both systems is of 370 pounds of TCE equivalents.

For the period between February 2020 and May 2021 the SVE systems removed about 0.06 pounds per day of total VOCs. This relatively low rate suggests that the SVE systems are nearing the end of their effectiveness. In 2021 TRC will implement a series of “rebound” tests to assess the potential negative effects of shutting down the systems and tests to evaluate whether “pulsed” operation of the system may result in higher mass removal rates. The results of such testing will be presented in the 2022 annual report as well as any decisions to shut down the SVE systems.

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

System monitoring data confirmed that the system discharges were in compliance with the PSCAA exemption limits.

CONCLUSIONS

The following conclusions are supported by the findings of the 2020 to 2021 annual monitoring cycle:

- The hydraulic gradients in the shallow and intermediate aquifers remained consistently westerly to northwesterly during the monitoring year. 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 appears to impede 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. A total of 15 wells have been completed within the intermediate aquifer with no exceedances of a CUL.
- 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 implemented at the Site have reduced the areal extent of the TCE

plume by approximately 89 percent since December 2016, based on the lateral extend of concentrations exceeding the CUL of 8.4 µg/L. When compared to the REL of 37 µg/L, the areal extent of the plume has been decreased by 95 percent.

- 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 interim actions implemented at the Site have also been highly effective at addressing CrVI impacts to groundwater. The interim actions have reduced the CrVI concentrations by about 81 percent between March 2016 and May 2021.
- 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 370 pounds of VOCs from May 2017 through May 2021 at an average rate of approximately 0.28 pounds per day.

REVISED MONITORING SCHEDULE

As a component of the annual groundwater monitoring activities, TRC evaluated the current monitoring well sampling frequency and the groundwater monitoring data collected over the previous 2 years to determine of modifications to the current sampling schedule are appropriate. TRC considered the following criteria for adjusting the sampling frequency of the Site wells:

- Wells sampled quarterly that exhibit all COC concentrations less than the CULs for four consecutive events may be designated for subsequent semi-annual sampling.
- Wells sampled semi-annually that exhibit all COC concentrations less than the CULs for two consecutive events may be designated for subsequent annual sampling.
- Wells that do not exhibit detectable concentrations of all COCs for a period of 2 years may be considered for removal from the sampling program and potential decommissioning.

Based on these criteria, TRC proposes the following changes to the sampling frequency beginning with the November 2021 sampling event:

- Monitoring wells MW-1, MW-7ir, MW-11, MW-15s, MW-15i, and MW-19 will decrease from a quarterly basis to a semi-annual sampling frequency. No analytes have been reported at concentrations greater than the Site-specific CUL in these wells since at least the August 2018 sampling event (10 consecutive events).
- Monitoring wells MW-14, MW-18, and MW-20 will decrease from a semi-annual basis to an annual sampling frequency. No analytes have been reported at concentrations greater than

the Site-specific CUL in these wells since at least the March 2017 sampling event (nine consecutive events).

- Monitoring wells MW-1i, MW-2, MW-4i, MW-5B, MW-05, MW-07, MW-8i, MW-9, MW-10i, MW-12, MW-16, MW-20i, MW-21s, MW-21i, MW-22s, MW-22i, MW-23s, MW-23i, MW-24ir, MW-25s, MW-25i, MW-26s, and MW-29s will be removed from the sampling program. No halogenated volatile organic compounds (hVOCs) have been reported at concentrations greater than the laboratory sample quantitation limit in groundwater samples collected from these wells in at least 2 years (two consecutive events).

The revised schedule includes a total of eight monitoring wells scheduled for quarterly sampling, nine additional wells scheduled for semi-annual sampling, and 24 wells scheduled for annual sampling. The proposed 2-year sampling schedule is summarized in Table 8, below.

Please notify us at your earliest possible convenience if the modifications documented above are not acceptable to Ecology. TRC intends to implement these modifications with the next sampling event, currently scheduled for November 2021.

Table 8
Proposed Groundwater Sampling Schedule

Monitoring Well	Groundwater Zone	Sampling Schedule ^a	2021	2022			
			Q4	Q1	Q2	Q3	Q4
MW-1 (1s)	Shallow	Semi-Annually	V	--	V	--	V
MW-1i	Intermediate	Removed	--	--	--	--	--
MW-2	Shallow	Removed	--	--	--	--	--
MW-3	Shallow	Quarterly	V, C	V, C	V, C	V, C	V, C
MW-4	Shallow	Annually	--	--	V	--	--
MW-4i	Intermediate	Removed	--	--	--	--	--
MW-5B	Intermediate	Removed	--	--	--	--	--
MW-05 (05s)	Shallow	Annually	--	--	V, C	--	--
MW-05i	Intermediate	Removed	--	--	--	--	--
MW-7s	Shallow	Quarterly	V	V	V	V	V
MW-7ir	Intermediate	Semi-Annually	V	--	V	--	V
MW-07	Shallow	Removed	--	--	--	--	--
MW-8 (8i)	Intermediate	Removed	--	--	--	--	--
MW-8s	Shallow	Quarterly	V	V	V, C	V	V
MW-9	Shallow	Removed	--	--	--	--	--
MW-10 (10s)	Shallow	Annually	--	--	V	--	--
MW-10i	Intermediate	Removed	--	--	--	--	--
MW-11	Shallow	Semi-Annually	V	--	V	--	V

Table 8
Proposed Groundwater Sampling Schedule

Monitoring Well	Groundwater Zone	Sampling Schedule ^a	2021	2022			
			Q4	Q1	Q2	Q3	Q4
MW-12	Shallow	Removed	--	--	--	--	--
MW-14	Shallow	Annually	--	--	V, C	--	--
MW-15 (15s)	Shallow	Semi-Annually	V	--	V	--	V
MW-15i	Intermediate	Semi-Annually	V	--	V	--	V
MW-16	Shallow	Removed	--	--	--	--	--
MW-18	Shallow	Annually	--	--	V, C	--	--
MW-19	Shallow	Semi-Annually	V	--	V, C	--	V
MW-20s	Shallow	Annually	--	--	V, C	--	--
MW-20i	Intermediate	Removed	--	--	--	--	--
MW-21s	Shallow	Removed	--	--	--	--	--
MW-21i	Intermediate	Removed	--	--	--	--	--
MW-22s	Shallow	Removed	--	--	--	--	--
MW-22i	Intermediate	Removed	--	--	--	--	--
MW-23s	Shallow	Removed	--	--	--	--	--
MW-23i	Intermediate	Removed	--	--	--	--	--
MW-24s	Shallow	Quarterly	V	V	V	V	V
MW-24ir	Intermediate	Removed	--	--	--	--	--
MW-25s	Shallow	Removed	--	--	--	--	--
MW-25i	Intermediate	Removed	--	--	--	--	--
MW-26s	Shallow	Quarterly	V	V	V	V	V
MW-26i	Intermediate	Removed	--	--	--	--	--
MW-27s	Shallow	Annually	--	--	V	--	--
MW-28s	Shallow	Annually	--	--	V	--	--
MW-29s	Shallow	Removed	--	--	--	--	--
SBW-1	Shallow	Annually	--	--	V	--	--
SBW-2	Shallow	Quarterly	V, C	V, C	V, C	V, C	V, C
SBW-3	Shallow	Quarterly	V, C	V, C	V, C	V, C	V, C
SBW-4	Shallow	Removed	--	--	--	--	--

Notes:

- a Sampling frequency may increase or decrease for individual wells based on observed conditions; scheduled wells will be sampled for analysis of hVOCs. Removed means the well was removed from the sampling program due to low frequency of detection.
- V Indicates analysis for VOCs by EPA Method 8260.
- C Indicates analysis for total chromium and CrVI by EPA Method 200.8.

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 is currently preparing a Budget Augmentation to complete the remediation of soil and groundwater at the Site. 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,



SEAN P. TRIMBLE

Sean Trimble

Prepared by:
Sean P. Trimble, P.G., L.G.
Project Manager/Senior Geologist



THOMAS C. MORIN

Thomas C. Morin

Reviewed and approved by:
Thomas C. Morin, L.G.
Principal Geologist

cc: Mr. Larry Setchell, Setchell NW Legal Services, P.S. (Counsel to WIERT)

ENCLOSURES

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Tables

Table 1
Groundwater Elevation Data
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Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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
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
MW-2	Shallow	10/28/2013	7.34	12.49	22.18	14.84
		8/26/2014	7.41	NM		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

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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	8/18/2018	7.39	NM	22.18	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
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
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
		2/27/2017	7.23	11.65		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

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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
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
		12/5/2016	4.84	NM		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			
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

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MW-05 (MW-05s)	Shallow	11/28/2017	12.30	14.98	27.32	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
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
		2/27/2017	10.40	NM		16.98
		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
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

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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
MW-7ir	Intermediate	11/30/2015	6.28	NM	21.48	15.20
		3/14/2016	5.49	NM		15.99
		8/1/2016	6.65	NM		14.83
		12/5/2016	6.11	NM		15.37
		2/27/2017	6.76	NM		14.72
		5/15/2017	6.02	NM		15.46
		8/1/2017	6.74	NM		14.74
		11/28/2017	6.29	NM		15.19
		2/27/2018	6.11	NM		15.37
		6/12/2018	6.42	NM		15.06
		8/18/2018	6.69	NM		14.79
		11/19/2018	6.54	NM		14.94
		2/25/2019	5.92	NM		15.56
		5/7/2019	6.29	NM		15.19
		7/29/2019	6.65	NM		14.83
		11/25/2019	6.65	NM		14.83
		2/25/2020	8.11	NM		13.37
		5/28/2020	6.35	NM		15.13
		8/10/2020	6.78	NM		14.70
		11/30/2020	6.40	NM		15.08
		2/23/2021	5.86	34.73		15.62
		5/18/2021	6.31	34.73		15.17
		MW-7 (MW-7d)	Deep	9/22/2014		3.87
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			
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

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-8s	Shallow	5/15/2017	8.71	NM	19.58	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
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
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

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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-9	Shallow	8/10/2020	10.50	NM	19.03	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
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
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
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

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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	11/28/2017	6.89	NM	13.33	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	
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	
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	

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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-14	Shallow	11/30/2020	6.32	NM	21.58	15.26
		2/23/2021	5.98	8.16		15.60
		5/18/2021	6.53	8.16		15.05
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
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
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

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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-16	Shallow	2/27/2018	6.29	NM	21.44	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
MW-17	--	WELL INACCESSIBLE				
MW-18	Shallow	10/28/2013	Not measured, well inaccessible			
		8/26/2014	7.03	NM	21.67	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
		8/10/2020	6.92	NM		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
MW-19	Shallow	10/28/2013	Not measured, well inaccessible			
		8/26/2014	6.88	NM	21.57	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

Table 1
Groundwater Elevation Data
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Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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-19	Shallow	2/23/2021	6.18	11.73	21.57	15.39		
		5/18/2021	6.48	11.73		15.09		
MW-20s	Shallow	10/28/2013	Not measured, well inaccessible					
		8/26/2014	13.72	NM	27.59	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					
		8/18/2018	Not measured					
		11/19/2018	Not measured					
		2/25/2019	12.84	NM	27.59	14.75		
		5/7/2019	8.44	NM		19.15		
		7/29/2019	13.56	NM		14.03		
		12/18/2019	13.35	NM		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		
		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			29.63		16.44		
5/18/2021	13.31			18.81		14.21		
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		

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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-21s	Shallow	6/12/2018	8.56	NM	21.05	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
		11/25/2019	8.49	NM		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
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
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
		8/10/2020	7.83	NM		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
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

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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-22i	Intermediate	2/27/2017	6.61	NM	21.67	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
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
		5/18/2021	Dry	13.77		IWM
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

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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	6/5/2015	8.89	13.19	21.43	12.54
		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
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		16.13
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
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	12.70	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

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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	5/7/2019	12.39	NM	20.02	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	12.70	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
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
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
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

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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-26i	Intermediate	2/27/2018	11.04	NM	19.05	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
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
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
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

Table 1
Groundwater Elevation Data
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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-29s	Shallow	12/5/2016	6.34	NM	21.90	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
SBW-1	Shallow	6/5/2015	8.81	11.66	21.29	12.48
		9/14/2015	8.92	NM		12.37
		11/30/2015	8.64	NM		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
SBW-2	Shallow	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
		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

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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)
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
		12/5/2016	10.66	NM		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
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

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.
 IWM Insufficient water to measure.

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-1 (MW-1s)	3/23/1989	86	9,500	4.1	390	<2.0	<5.0	12	<2.0	3.5
	9/21/1989	<100	6,900	<100	210	<100	<250	<100	<100	<100
	4/27/1999	36	4,100	5.0	140	--	2	4.3	--	1.6
	9/22/2014	4	230	5.4	<100	<2.0	8.5	<2.0	<2.0	<2.0
	6/9/2015	5.2	420	5.9	110	<2.0	12	<2.0	<2.0	<2.0
	9/16/2015	4.7	240	3.9	57	<2.0	25	<2.0	<2.0	<2.0
	12/4/2015	22	890	3.6	200	<2.0	4	<2.0	<2.0	<2.0
	3/16/2016	22	910	2.8	190	<2.0	0.77	<2.0	<2.0	<2.0
	8/2/2016	7.1	390	6.0	100	<2.0	28	<2.0	<2.0	<2.0
	3/2/2017	17	470	2.0	160	<2.0	21	<2.0	<2.0	2.6
	8/2/2017	<2.0	22	<2.0	50	<2.0	45	<2.0	<2.0	<2.0
	3/1/2018	<2.0	26	<2.0	67	<2.0	5.3	<2.0	<2.0	<2.0
	8/10/2018	4.4	120	<2.0	150	<2.0	12	<2.0	<2.0	<2.0
	2/26/2019	<2.0	4.8	<2.0	16	<2.0	7	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	4.0	<2.0	3.3	<2.0	<2.0	<2.0
	7/30/2019	<2.0	3.2	<2.0	34	<2.0	4.4	<2.0	<2.0	<2.0
	11/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	1.3	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	10	<2.0	12	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0
	12/1/2020	<2.0	4.4	<2.0	8.6	<2.0	3.3	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	5.0	<2.0	3.7	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0
MW-1i	11/5/2013	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/5/13 Dup-1	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/15 Dup-3	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	2.9	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/15 Dup-1	<2.0	2.6	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	2.2	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	2.9	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/2/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2018	<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
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-2	3/23/1989	0.5	170	0.5	7.6	<0.2	<0.5	0.5	<0.2	0.4
	9/21/1989	<0.2	50	<0.2	6.4	<0.2	<0.5	<0.2	<0.2	3.4
	4/27/1999	<1.0	19	<1.0	4	--	<1.0	<1.0	--	<1.0
	11/5/2013	<2.0	7.0	<2.0	4.6	<2.0	<0.20	<2.0	<2.0	<2.0
	8/27/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	0.62	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/16 DUP-2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/17 DUP-2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-3	3/23/1989	130	8,300	11	2,700	3.0	7.5	8.2	2.8	2.0
	9/22/1989	<100	5,400	<100	1,600	<100	<250	<100	<100	<100
	4/28/1999	15.0	1,000	<10	780	--	<10	<10	--	<10
	11/5/2013	6.6	200	<2.0	170	2.4	15	<2.0	<2.0	<2.0
	11/6/2013	--	--	<2.0	--	--	--	--	--	--
	8/26/2014	3.3	130	<2.0	150	<2.0	7.4	<2.0	<2.0	<2.0
	6/8/2015	<2.0	81	<2.0	93	<2.0	2.7	<2.0	<2.0	<2.0
	9/15/2015	5.4	280	3.8	420	9.2	44	<2.0	<2.0	<2.0
	12/3/2015	8.8	290	2	160	<2.0	5.7	<2.0	<2.0	<2.0
	3/15/2016	23	440	2.7	150	<2.0	0.41	<2.0	<2.0	<2.0
	8/2/2016	3.2	140	<2.0	140	2.6	30	<2.0	<2.0	<2.0
	3/1/2017	19	250	2.2	100	<2.0	0.20	<2.0	<2.0	<2.0
	8/2/2017	<2.0	110	<2.0	110	6.5	10	<2.0	<2.0	<2.0
	2/28/2018	7.5	180	<2.0	220	<2.0	8.6	<2.0	<2.0	<2.0
	2/28/2018 DUP-4	7.1	150	<2.0	220	<2.0	7.6	<2.0	<2.0	<2.0
	8/9/2018	<2.0	57	<2.0	9.8	<2.0	0.98	<2.0	<2.0	<2.0
	2/27/2019	<2.0	70	<2.0	29	<2.0	1.4	<2.0	<2.0	<2.0
	5/9/2019	<2.0	16	<2.0	9.6	<2.0	6	<2.0	<2.0	<2.0
	7/31/2019	<2.0	11	<2.0	13	<2.0	14	<2.0	<2.0	<2.0
	11/27/2019	<2.0	40	<2.0	7.7	<2.0	1.3	<2.0	<2.0	<2.0
	2/27/2020	2.6	37	<2.0	53	<2.0	14	<2.0	<2.0	<2.0
	2/27/2020 DUP-3	2.7	38	<2.0	53	<2.0	13	<2.0	<2.0	<2.0
	5/28/2020	<2.0	29	<2.0	10	<2.0	6.4	<2.0	<2.0	<2.0
	8/11/2020	<2.0	14	<2.0	8.9	<2.0	4.4	<2.0	<2.0	<2.0
	12/1/2020	<2.0	91	<2.0	74	<2.0	12	<2.0	<2.0	<2.0
	12/1/2020 DUP-1	<2.0	98	<2.0	78	<2.0	12	<2.0	<2.0	<2.0
	2/24/2021	4.0	79	<2.0	16	<2.0	3.8	<2.0	<2.0	<2.0
	2/24/2021 DUP-1	4.4	69	<2.0	17	<2.0	4.3	<2.0	<2.0	<2.0
	5/19/2021	<2.0	19	<2.0	6.7	<2.0	2.2	<2.0	<2.0	<2.0
	5/19/2021 DUP-1	<2.0	20	<2.0	6.5	<2.0	2.1	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

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Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-4	3/23/1989	0.3	94	<0.2	<0.2	<0.2	<0.5	1.0	<0.2	<0.2
	9/21/1989	<0.2	72	<0.2	<0.2	<0.2	<0.5	1.1	<0.2	<0.2
	4/27/1999	<1.0	8.5	<1.0	<1.0	--	<1.0	<1.0	--	<1.0
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/27/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	1.9	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	4.9	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/16 DUP-3	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2017	<2.0	3.2	<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
	2/26/2019	<2.0	2.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-4i	12/4/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/4/15 DUP-4	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2017	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-5	9/21/1989	<0.2	<0.2	--	<0.2	--	--	--	--	--
	4/27/1999	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	<1.0
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/27/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	Not Sampled								
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/15 DUP-2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-5B	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/15/2017	WELL DECOMMISSIONED								
	8/27/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<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
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-05 (MW-05s)	3/17/2011	1.1	81	<1	1.2	--	<0.2	--	--	--
	8/27/2014	<2.0	110	<2.0	2.5	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	61	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/15 Dup-2	<2.0	66	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/17/2015	<2.0	100	<2.0	3.2	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	4.2	240	<2.0	3.6	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	3.1	210	<2.0	3	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	2.1	120	<2.0	13	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	7.2	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2019	<2.0	9.5	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/7/2019	<2.0	3.4	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	3.7	<2.0	<0.20	<2.0	<2.0	<2.0
	12/18/2019	<2.0	<2.0	<2.0	5.9	<2.0	0.27	<2.0	<2.0	<2.0
	2/26/2020	<2.0	<2.0	<2.0	6.5	<2.0	<0.20	<2.0	<2.0	<2.0
	5/18/2021	<2.0	4.2	<2.0	<2.0	<2.0	0.32	<2.0	<2.0	<2.0
MW-05i	6/9/2015	<2.0	3.6	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	4.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	67	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	2.3	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/7/2019	<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
	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-7s	5/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	13	810	7.9	380	<2.0	1.1	<2.0	<2.0	<2.0
	9/15/2015	Not Sampled – Dry								
	12/3/2015	<50	1,200	5.5	340	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	32	880	4.5	290	<2.0	0.74	<2.0	<2.0	<2.0
	8/2/2016	31	1,200	8.5	350	<2.0	0.5	<2.0	<2.0	<2.0
	12/5/2016	32	910	5.1	220	<2.0	0.21	<2.0	<2.0	<2.0
	3/1/2017	17	390	4.0	270	<2.0	17	<2.0	<2.0	<2.0
	5/16/2017	5.4	240	4.8	440	<2.0	4.9	<2.0	<2.0	3.2
	8/2/2017	6.4	150	8.6	580	<2.0	170	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	3.5	720	<2.0	150	<2.0	<2.0	<2.0
	3/1/2018	<2.0	<2.0	<2.0	2.9	<2.0	3.9	<2.0	<2.0	<2.0
	6/12/2018	<2.0	<2.0	<2.0	14	<2.0	4.7	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	18	1,800	<2.0	140	<2.0	<2.0	<2.0
	8/9/18 Dup-2	<2.0	<2.0	37	1,700	<2.0	150	<2.0	<2.0	<2.0
	11/20/2018	<2.0	7.3	2.4	100	<2.0	35	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	13	<2.0	4.5	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	10	<2.0	4.3	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-7s	7/30/2019	<2.0	2.6	<2.0	120	<2.0	6.1	<2.0	<2.0	<2.0
	11/26/2019	<2.0	<2.0	<2.0	8.6	<2.0	9.2	<2.0	<2.0	<2.0
	11/26/19 Dup-1	<2.0	<2.0	<2.0	8.2	<2.0	8.4	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	2.0	100	<2.0	23	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	33	<2.0	18	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	56	<2.0	33	<2.0	<2.0	<2.0
	8/11/2020 DUP-2	<2.0	<2.0	<2.0	57	<2.0	33	<2.0	<2.0	<2.0
	11/30/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.92	<2.0	<2.0	<2.0
	2/24/2021	<2.0	<2.0	<2.0	<2.0	<2.0	3.4	<2.0	<2.0	<2.0
MW-7i	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0
	11/4/2013	<2.0	<2.0	<2.0	5.3	<2.0	0.72	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	3.6	<2.0	0.38	<2.0	<2.0	<2.0
	6/10/2015	<2.0	<0.40	<2.0	3.4	<2.0	0.32	<2.0	<2.0	<2.0
MW-7IR	9/16/2015	<2.0	<2.0	<2.0	3.0	<2.0	0.28	<2.0	<2.0	<2.0
	12/3/2015	3.4	72	<2.0	27	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	5.5	<2.0	84	<2.0	28	<2.0	<2.0	<2.0
	8/2/2016	<2.0	3.4	<2.0	3.4	<2.0	9.2	<2.0	<2.0	<2.0
	12/5/2016	<2.0	2.7	<2.0	<2.0	<2.0	2.9	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0
	5/16/2017	<2.0	<2.0	<2.0	<2.0	<2.0	1.4	<2.0	<2.0	<2.0
	8/2/2017	<2.0	<2.0	<2.0	<2.0	<2.0	1.2	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0
	3/1/2018	<2.0	<2.0	<2.0	<2.0	<2.0	1.2	<2.0	<2.0	<2.0
	6/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	0.83	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	<2.0	<2.0	<2.0	0.7	<2.0	<2.0	<2.0
	11/20/2018	<2.0	<2.0	<2.0	<2.0	<2.0	0.68	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.58	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.58	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.55	<2.0	<2.0	<2.0
	11/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.52	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.64	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.51	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.50	<2.0	<2.0	<2.0
MW-7 (MW-7d)	11/30/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.51	<2.0	<2.0	<2.0
	2/24/2021	<2.0	<2.0	<2.0	<2.0	<2.0	0.44	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	0.58	<2.0	<2.0	<2.0
	9/21/1989	<0.2	6.6	--	<0.2	--	--	--	--	--
	4/27/1999	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	<1.0
	9/22/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	0.50	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-07	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/4/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/18/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	WELL DECOMMISSIONED									
	3/17/2011	<1	<1	<1	<1	--	<0.2	--	--	--
	8/27/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	2.5	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-8s	2/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/17 Dup-1	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	2.5	390	4.1	240	<2.0	4.5	<2.0	<2.0	<2.0
	9/16/2015	2.5	250	3.6	240	<2.0	6.8	<2.0	<2.0	<2.0
	12/2/2015	6.8	490	2.9	130	<2.0	5.6	<2.0	<2.0	<2.0
	3/16/2016	10	870	2.9	190	<2.0	2.2	<2.0	<2.0	<2.0
	8/2/2016	<2.0	200	3.6	200	<2.0	8.7	<2.0	<2.0	<2.0
	12/5/2016	4.2	520	2.9	190	<2.0	17	<2.0	<2.0	<2.0
	2/28/2017	3.3	630	2.7	190	<2.0	22	<2.0	<2.0	<2.0
	5/16/2017	3.8	390	5	230	<2.0	33	<2.0	<2.0	<2.0
	8/3/2017	<2.0	54	6.4	130	<2.0	60	<2.0	<2.0	<2.0
	11/29/2017	<2.0	16	6	220	<2.0	86	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	3.5	3.4	<2.0	7.1	<2.0	<2.0	<2.0
	6/13/2018	<2.0	<2.0	3.4	3.7	<2.0	7.4	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	3.5	8.0	<2.0	15	<2.0	<2.0	<2.0
	11/20/2018	<2.0	8.9	5.8	38	<2.0	38	<2.0	<2.0	<2.0
	2/27/19 and Dup-3	<2.0/<2.0	24/25	2.8/2.8	30/31	<2.0/<2.0	21/22	<2.0/<2.0	<2.0/<2.0	<2.0/<2.0
	5/8/2019	<2.0	<2.0	<2.0	17	<2.0	16	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	3.1	2.9	<2.0	5.3	<2.0	<2.0	<2.0
	7/30/19 DUP-1	<2.0	<2.0	3.1	3.1	<2.0	5.4	<2.0	<2.0	<2.0
	11/25/2019	<2.0	7.0	3.9	40	<2.0	39	<2.0	<2.0	<2.0
	2/27/2020	<2.0	30	<2.0	21	<2.0	3.5	<2.0	<2.0	<2.0
	2/27/2020 DUP-2	<2.0	28	<2.0	19	<2.0	3.4	<2.0	<2.0	<2.0
	5/29/2020	<2.0	22	2.1	76	<2.0	23	<2.0	<2.0	<2.0
	8/11/2020	<2.0	12	2.5	55	<2.0	39	<2.0	<2.0	<2.0
	12/1/2020	<2.0	6.7	2.3	26	<2.0	60	<2.0	<2.0	<2.0
	2/24/2021	<2.0	<2.0	<2.0	3.7	<2.0	40	<2.0	<2.0	<2.0
	5/19/2021	<2.0	4.9	<2.0	11	<2.0	57	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-8 (MW-8i)	9/21/1989	<0.2	13	--	3.7	--	--	--	--	--
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	<2.0	<2.0	1.1	<2.0	<2.0	<2.0
	6/8/2015	<2.0	0.80	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/15 Dup-1	<2.0	0.62	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.91	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.84	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	0.72	<2.0	<2.0	<2.0
	2/28/2017	<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	0.98	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.76	<2.0	<2.0	<2.0
MW-9	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/21/1989	<0.2	<0.2	--	<0.2	--	--	--	--	--
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.27	<2.0	<2.0	<2.0
	9/16/15 Dup-3	<2.0	<2.0	<2.0	<2.0	<2.0	0.29	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.27	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	0.41	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	0.29	<2.0	<2.0	<2.0
MW-10 (MW-10s)	2/28/2018	<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
	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/21/1989	<1.0	<1.0	--	45	--	--	--	--	--
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	<2.0	<2.0	3.0	<2.0	<2.0	<2.0
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	1.0	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	3.2	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	2.3	<2.0	3.6	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	4.2	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0
MW-10i	2/27/2018	<2.0	<2.0	<2.0	<2.0	<2.0	1.7	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	<2.0	<2.0	<2.0
	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.6	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	1.6	<2.0	<2.0	<2.0
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-11	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<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
	2/26/2019	<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
	9/21/1989	<100	4,300	--	670	--	--	--	--	--
	11/4/2013	2.6	89	<2.0	35	<2.0	<0.20	<2.0	<2.0	<2.0
	8/26/2014	<2.0	100	<2.0	45	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	54	<2.0	49	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	36	<2.0	25	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	90	<2.0	33	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	2.6	100	<2.0	56	<2.0	0.22	<2.0	<2.0	<2.0
	8/2/2016	2.1	100	<2.0	47	<2.0	0.23	<2.0	<2.0	<2.0
	12/5/2016	<2.0	66	<2.0	53	<2.0	2.9	<2.0	<2.0	<2.0
	2/28/2017	2.1	110	<2.0	50	<2.0	<0.20	<2.0	<2.0	<2.0
	5/15/2017	<2.0	78	<2.0	51	<2.0	0.43	<2.0	<2.0	<2.0
	8/3/2017	<2.0	<2.0	<2.0	40	<2.0	<0.20	<2.0	<2.0	<2.0
	11/28/2017	2.3	46	<2.0	27	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	71	<2.0	93	<2.0	0.78	<2.0	<2.0	<2.0
	2/28/2018 DUP-2	2.3	71	<2.0	91	<2.0	0.96	<2.0	<2.0	<2.0
	6/12/2018	<2.0	35	<2.0	49	<2.0	0.26	<2.0	<2.0	<2.0
	8/9/2018	<2.0	24	<2.0	25	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/2018	<2.0	16	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2019	<2.0	16	<2.0	25	<2.0	<0.20	<2.0	<2.0	<2.0
	5/8/2019	<2.0	5.7	<2.0	21	<2.0	1.3	<2.0	<2.0	<2.0
	7/30/2019	<2.0	2.8	<2.0	24	<2.0	<0.20	<2.0	<2.0	<2.0
	11/25/2019	<2.0	9.9	<2.0	3.5	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2020	<2.0	12	<2.0	12	<2.0	<0.20	<2.0	<2.0	<2.0
	5/29/2020	<2.0	2.8	<2.0	25	<2.0	1.2	<2.0	<2.0	<2.0
	5/29/2020 DUP-1	<2.0	2.4	<2.0	24	<2.0	1.1	<2.0	<2.0	<2.0
	8/11/2020	<2.0	6.0	<2.0	2.1	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2020	<2.0	4.0	<2.0	3.5	<2.0	0.21	<2.0	<2.0	<2.0
	2/24/2021	<2.0	<2.0	<2.0	5.4	<2.0	0.25	<2.0	<2.0	<2.0
	5/20/2021	<2.0	<2.0	<2.0	2.8	<2.0	<0.20	<2.0	<2.0	<2.0
	5/20/2021 DUP-2	<2.0	<2.0	<2.0	2.8	<2.0	<0.20	<2.0	<2.0	<2.0
MW-12	9/21/1989	0.2	0.5	--	<0.2	--	--	--	--	--
	11/4/2013	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/26/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/15 Dup-2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-12	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-12	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<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
	2/26/2019	<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
MW-13	10/11/1989	--	130	--	--	--	--	<8	--	--
MW-14	10/11/1989	--	580	--	--	--	--	<8	--	--
	11/5/2013	<2.0	3.2	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/5/2013 Dup-2	<2.0	3.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/28/2014	<2.0	4.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	7.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/15 Dup-4	<2.0	7.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/18/2015	<2.0	2.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	19	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	<2.0	6.5	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/5/2016	<2.0	9.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/2/2017	<2.0	3.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/15/2017	<2.0	4.3	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	2.7	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/12/2018	<2.0	4.7	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/2018	<2.0	2.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	12
	2/27/2019	<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
	7/30/19 DUP-2	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2020 DUP-1	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-15 (MW-15s)	10/11/1989	--	56,000	--	--	--	--	<150	--	--
	4/27/1999	9.1	2,600	3.7	180	--	<1.0	<1.0	--	1.0 J
	11/6/2013	8.2	820	6.8	230	<2.0	0.65	<2.0	<2.0	<2.0
	8/28/2014	8.0	1,600	4.8	490	<2.0	<0.20	2.1	<2.0	<2.0
	6/11/2015	12	2,100	4.7	530	<2.0	0.35	<2.0	<2.0	<2.0
	9/18/2015	10	1,700	5.4	460	<2.0	0.43	<2.0	<2.0	<2.0
	12/4/2015	<2.0	25	<2.0	89	<2.0	0.61	<2.0	<2.0	<2.0
	3/18/2016	4.4	670	2.5	<2.0	<2.0	0.22	<2.0	<2.0	<2.0
	8/2/2016	8.6	1,800	5.2	440	<2.0	0.47	<2.0	<2.0	<2.0
	12/5/2016	7.2	950	2.8	<2.0	<2.0	0.72	<2.0	<2.0	<2.0
	3/2/2017	2.6	430	3.2	280	2.6	180	<2.0	<2.0	2.2
	8/2/2017	<2.0	<2.0	<2.0	<2.0	<2.0	50	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	8.7	<2.0	<2.0	<2.0
	3/1/2018	<2.0	<2.0	<2.0	<2.0	<2.0	8.8	<2.0	<2.0	<2.0
	8/10/2018	<2.0	<2.0	<2.0	<2.0	<2.0	4.4	<2.0	<2.0	<2.0
	11/20/2018	<2.0	<2.0	<2.0	<2.0	<2.0	4.2	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	3.3	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	<2.0	<2.0	4.3	<2.0	<2.0	<2.0
	5/8/19 DUP-1	<2.0	<2.0	<2.0	<2.0	<2.0	4	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	<2.0	<2.0	4.3	<2.0	<2.0	<2.0
	11/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	5.1	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.2	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	<2.0	<2.0	3.7	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	<2.0	<2.0	4.2	<2.0	<2.0	<2.0
	12/3/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.8	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0
MW-15i	6/11/2015	4.8	210	<2.0	7.1	<2.0	<0.20	<2.0	<2.0	<2.0
	9/18/2015	3.1	130	<2.0	6.5	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	9.3	<2.0	150	<2.0	0.52	<2.0	<2.0	<2.0
	3/18/2016	<2.0	2.6	<2.0	71	<2.0	27	<2.0	<2.0	<2.0
	3/18/2016 DUP-4	<2.0	3.2	<2.0	36	<2.0	18	<2.0	<2.0	<2.0
	8/3/2016	<2.0	2.2	<2.0	5.7	<2.0	15	<2.0	<2.0	<2.0
	12/5/2016	<2.0	4.0	<2.0	2.3	<2.0	7.1	<2.0	<2.0	<2.0
	3/2/2017	<2.0	3.3	<2.0	<2.0	<2.0	4.5	<2.0	<2.0	<2.0
	3/2/17 DUP-4	<2.0	3.1	<2.0	<2.0	<2.0	4.6	<2.0	<2.0	<2.0
	5/17/2017	<2.0	3.5	<2.0	<2.0	<2.0	2.6	<2.0	<2.0	<2.0
	5/17/17 DUP-2	<2.0	3.1	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0
	8/3/2017	<2.0	2.4	<2.0	<2.0	<2.0	3.2	<2.0	<2.0	<2.0
	8/03/17 DUP-2	<2.0	<2.0	<2.0	<2.0	<2.0	3.1	<2.0	<2.0	<2.0
	11/28/2017	<2.0	2.9	<2.0	<2.0	<2.0	3.7	<2.0	<2.0	<2.0
	3/1/2018	<2.0	2.3	<2.0	<2.0	<2.0	3.4	<2.0	<2.0	<2.0
	6/12/2018	<2.0	2.2	<2.0	<2.0	<2.0	2.4	<2.0	<2.0	<2.0
	8/10/2018	<2.0	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	<2.0	<2.0
	11/20/2018	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.38	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	<2.0	<2.0	1.0	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	<2.0
	11/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-15i	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.7	<2.0	<2.0	<2.0
	11/30/2020	<2.0	<2.0	<2.0	<2.0	<2.0	1.8	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	1.6	<2.0	<2.0	<2.0
MW-16	10/11/1989	--	9,600	--	--	--	--	20	--	--
	11/6/2013	<2.0	29	<2.0	14	<2.0	1.2	<2.0	<2.0	<2.0
	8/28/2014	<2.0	<2.0	<2.0	2.4	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	14	<2.0	6.4	<2.0	2.1	<2.0	<2.0	<2.0
	9/17/2015	<2.0	2.2	<2.0	3.7	<2.0	1.5	<2.0	<2.0	<2.0
	12/3/2015	<2.0	14	<2.0	9.7	<2.0	5.3	<2.0	<2.0	<2.0
	3/17/2016	<2.0	8.5	<2.0	3.4	<2.0	0.23	<2.0	<2.0	<2.0
	3/2/2017	<2.0	8.5	<2.0	3.1	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2018	<2.0	2.2	<2.0	5.3	<2.0	1.5	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	5.2	<2.0	0.24	<2.0	<2.0	<2.0
	2/26/19 DUP-2	<2.0	<2.0	<2.0	4.9	<2.0	0.23	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-16PP*	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-17	10/11/1989	--	1,850	--	--	--	--	<8	--	--
	4/27/1999	<1.0	21.0	<1.0	11	--	<1.0	<1.0	--	<1.0
	11/4/2013	Not sampled, well inaccessible								
MW-18	10/11/1989	--	260	--	--	--	--	<8	--	--
	11/4/2013	Not sampled, well inaccessible								
	8/27/2014	<2.0	53	<2.0	8.4	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	22	<2.0	5.7	<2.0	<0.20	<2.0	<2.0	<2.0
	9/18/2015	<2.0	38	<2.0	6.9	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	13	<2.0	2.9	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	24	<2.0	4.7	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	<2.0	9.4	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/2/2017	<2.0	82	<2.0	4.4	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2017	<2.0	2.4	<2.0	16	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	4.4	<2.0	<0.20	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	<2.0	7.9	<2.0	0.75	<2.0	<2.0	<2.0
	2/27/2019	<2.0	2.5	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	9.0
	7/31/2019	<2.0	<2.0	<2.0	4.0	<2.0	0.46	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	3.2	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020 DUP-4	<2.0	<2.0	<2.0	3.4	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	13	<2.0	1.2	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	10	<2.0	1.8	<2.0	<2.0	<2.0
MW-19	10/11/1989	--	53	--	--	--	--	<8	--	--
	11/4/2013	Not sampled, well inaccessible								
	8/27/2014	<2.0	190	<2.0	33	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	180	<2.0	22	<2.0	<0.20	<2.0	<2.0	<2.0
	9/18/2015	2.8	470	<2.0	40	<2.0	<0.20	<2.0	<2.0	<2.0
	12/4/2015	<2.0	180	<2.0	16	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	17	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	2.5	290	<2.0	34	<2.0	<0.20	<2.0	<2.0	<2.0
	12/5/2016	<2.0	69	2.0	32	<2.0	<0.20	<2.0	<2.0	<2.0
	3/2/2017	<2.0	93	<2.0	19	<2.0	<0.20	<2.0	<2.0	<2.0
	5/17/2017	<2.0	80	2.4	34	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2017	<2.0	3.9	<2.0	18	<2.0	<0.20	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	17	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	18	<2.0	<0.20	<2.0	<2.0	<2.0
	6/12/2018	<2.0	<2.0	<2.0	15	<2.0	<0.20	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/2018	<2.0	<2.0	<2.0	4	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/18 DUP-1	<2.0	<2.0	<2.0	3.8	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2019	<2.0	2.3	<2.0	15	<2.0	<0.20	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	8.1	<2.0	<0.20	<2.0	<2.0	<2.0
	7/31/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/25/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	16	<2.0	<0.20	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	8.5	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	8.8	<2.0	0.79	<2.0	<2.0	<2.0
	11/30/2020	<2.0	<2.0	<2.0	2.2	<2.0	1.8	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	2.5	<2.0	20	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	8.0	<2.0	<2.0	<2.0
MW-20 (MW-20s)	8/27/2014	<2.0	16	<2.0	55	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	54	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	2.3	160	<2.0	27	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	9.5	860	3.5	120	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	16	890	<2.0	31	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2016	<2.0	2.2	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	5.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2017	<2.0	<2.0	<2.0	78	<2.0	3.9	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	14	<2.0	2.4	<2.0	<2.0	<2.0
	2/26/2019	<2.0	6.9	<2.0	13	<2.0	1.1	<2.0	<2.0	<2.0
	5/7/2019	<2.0	2.7	<2.0	7.8	<2.0	1.9	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	9.1	<2.0	2.8	<2.0	<2.0	<2.0
	12/18/2019	<2.0	<2.0	<2.0	6.8	<2.0	2.8	<2.0	<2.0	<2.0

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825 S. Dakota Street and 812 and 820 S. 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
MW-20 (MW-20s)	2/26/2020	<2.0	<2.0	<2.0	3.7	<2.0	1.2	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-20i	6/9/2015	<2.0	0.74	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/15 Dup-4	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	13	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	160	<2.0	74	<2.0	0.56	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/7/2019	<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
	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-21 (MW-21s)	8/27/2014	<2.0	24	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/9/2015	<2.0	2.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	17	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	12	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	<2.0	16	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/5/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	7.4	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/16/2017	<2.0	10	<2.0	2.8	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2017	<2.0	13	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/9/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/2018	<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
	5/8/2019	<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
	11/25/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/29/2020	<2.0	3.5	<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
	11/30/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/20/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-21i	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<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
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-22s	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<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
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-22i	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<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
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-23s	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	12
	5/8/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	6.7
	7/30/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-23i	6/9/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/8/2019	<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
	2/26/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-24s	6/9/2015	<2.0	38	2.9	24	<2.0	<0.20	<2.0	<2.0	<2.0
	6/15/2015	4.3	220	<2.0	23	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	3.1	430	3	36	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	3.1	180	4.2	45	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/16 - DUP-1	2.5	140	4.7	50	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	3.0	240	2.2	22	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016 - DUP-1	3.0	240	2.6	21	<2.0	<0.20	<2.0	<2.0	<2.0
	12/5/2016	3.8	250	5.0	38	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	47	2.5	130	<2.0	0.40	<2.0	<2.0	<2.0
	3/1/17 DUP-3	<2.0	15	2.6	120	<2.0	0.33	<2.0	<2.0	<2.0
	5/16/2017	<2.0	77	3.5	97	<2.0	0.29	<2.0	<2.0	<2.0
	5/16/17-DUP-1	<2.0	68	2.9	140	<2.0	0.25	<2.0	<2.0	<2.0
	8/2/2017	<2.0	<2.0	<2.0	3.9	<2.0	<0.20	<2.0	<2.0	<2.0
	8/02/17 DUP-1	<2.0	2.2	<2.0	6.5	<2.0	<0.20	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	25	<2.0	21	<2.0	<2.0	<2.0
	3/1/2018	<2.0	<2.0	<2.0	<2.0	<2.0	6.8	<2.0	<2.0	<2.0
	6/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	4.5	<2.0	<2.0	<2.0
	8/10/2018	<2.0	<2.0	<2.0	<2.0	<2.0	4.7	<2.0	<2.0	<2.0
	11/21/2018	<2.0	15	<2.0	4	<2.0	2.4	<2.0	<2.0	<2.0
	2/27/2019	<2.0	<2.0	<2.0	<2.0	<2.0	3.6	<2.0	<2.0	<2.0
	5/9/2019	<2.0	2.8	<2.0	<2.0	<2.0	4.1	<2.0	<2.0	<2.0
	5/9/19 DUP-2	<2.0	11	<2.0	<2.0	<2.0	1.4	<2.0	<2.0	<2.0
	7/30/2019	<2.0	9.5	<2.0	8.9	<2.0	2.3	<2.0	<2.0	<2.0
	11/26/2019	<2.0	4.1	<2.0	<2.0	<2.0	0.80	<2.0	<2.0	<2.0
	2/27/2020	<2.0	<2.0	<2.0	<2.0	<2.0	3.2	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	4.4	<2.0	3.5	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	4.1	<2.0	2.7	<2.0	<2.0	<2.0
	11/30/2020	<2.0	<2.0	<2.0	5.2	<2.0	2.2	<2.0	<2.0	<2.0
	2/23/2021	<2.0	<2.0	<2.0	4.3	<2.0	2.1	<2.0	<2.0	<2.0
	5/19/2021	<2.0	2.1	<2.0	6.4	<2.0	2.5	<2.0	<2.0	<2.0
MW-24i	6/9/2015	<2.0	0.67	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	8.1	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-24ir	12/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/2/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<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
MW-25s	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	0.45	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	4.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<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
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	2.9
MW-25i	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/20/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/16/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/15 DUP 1	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-26s	2/27/2018	<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
	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/8/2015	<2.0	9.5	<2.0	31	<2.0	0.94	<2.0	<2.0	<2.0
	9/15/2015	<2.0	8.0	<2.0	27	<2.0	0.67	<2.0	<2.0	<2.0
	12/1/2015	<2.0	6.3	<2.0	25	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	11	<2.0	26	<2.0	0.65	<2.0	<2.0	<2.0
	8/2/2016	<2.0	6.8	<2.0	28	<2.0	1.3	<2.0	<2.0	<2.0
	12/5/2016	<2.0	5.0	<2.0	18	<2.0	0.37	<2.0	<2.0	<2.0
	3/1/2017	<2.0	11	<2.0	24	<2.0	0.70	<2.0	<2.0	<2.0
	5/15/2017	<2.0	7.9	<2.0	30	<2.0	0.46	<2.0	<2.0	<2.0
	8/1/2017	<2.0	5.8	<2.0	26	<2.0	1.4	<2.0	<2.0	<2.0
	11/28/2017	<2.0	<2.0	<2.0	22	<2.0	0.45	<2.0	<2.0	<2.0
	2/27/2018	<2.0	<2.0	<2.0	16	<2.0	0.55	<2.0	<2.0	<2.0
	2/27/2018 DUP-1	<2.0	<2.0	<2.0	15	<2.0	0.51	<2.0	<2.0	<2.0
	6/12/2018	<2.0	2.1	<2.0	17	<2.0	0.78	<2.0	<2.0	<2.0
	8/8/2018	<2.0	<2.0	<2.0	22	<2.0	1.1	<2.0	<2.0	<2.0
	11/20/2018	<2.0	<2.0	<2.0	20	<2.0	0.83	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	19	<2.0	1.9	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	21	<2.0	2	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	20	<2.0	5.0	<2.0	<2.0	<2.0
	11/25/2019	<2.0	<2.0	<2.0	17	<2.0	3.6	<2.0	<2.0	<2.0
	2/25/2020	<2.0	<2.0	<2.0	14	<2.0	1.9	<2.0	<2.0	<2.0
	5/29/2020	<2.0	<2.0	<2.0	14	<2.0	1.0	<2.0	<2.0	<2.0
	8/11/2020	<2.0	<2.0	<2.0	13	<2.0	1.0	<2.0	<2.0	<2.0
	11/30/2020	<2.0	<2.0	<2.0	12	<2.0	0.58	<2.0	<2.0	<2.0
	2/24/2021	<2.0	<2.0	<2.0	15	<2.0	1.3	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	16	<2.0	2.3	<2.0	<2.0	<2.0

Table 2

Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)

Annual Groundwater Monitoring Report for 2020–2021

Washington Industries Environmental Remediation Trust

825 S. Dakota Street and 812 and 820 S. 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
MW-26i	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<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
	2/26/2019	<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
MW-27s	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	4.3
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/16/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	3.2
	2/27/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	2.1
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	2
	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-28s	5/20/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	23
	6/8/2015	<2.0	<0.40	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.31	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	0.35	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2017	<2.0	<2.0	<2.0	<2.0	<2.0	0.29	<2.0	<2.0	<2.0
	2/27/2018	<2.0	<2.0	<2.0	<2.0	<2.0	0.24	<2.0	<2.0	<2.0
	2/26/2019	<2.0	<2.0	<2.0	<2.0	<2.0	0.21	<2.0	<2.0	<2.0
MW-29s	2/25/2020	<2.0	<2.0	<2.0	<2.0	<2.0	0.21	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	6.3	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/18/2015	<2.0	2.2	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/3/15 DUP-3	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/17/2016	<2.0	36	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2016	<2.0	4.6	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
SBW-1	3/2/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/3/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2018	<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
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/10/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
SBW-2	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	6/10/2015	<2.0	29	<2.0	15	<2.0	<0.20	<2.0	<2.0	<2.0
	9/17/2015	<2.0	55	<2.0	6.7	<2.0	<0.20	<2.0	<2.0	<2.0
	12/2/2015	<2.0	11	<2.0	10	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	15	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2016	<2.0	56	<2.0	5.9	<2.0	<0.20	<2.0	<2.0	<2.0
	3/1/2017	<2.0	13	<2.0	10	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2017	<2.0	13	<2.0	4.1	<2.0	<0.20	<2.0	<2.0	<2.0
SBW-2	2/28/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/9/2018	<2.0	6.5	<2.0	3.4	<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
	2/26/19 DUP-1	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	7/30/2019	<2.0	3.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2020	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/11/2020	<2.0	2.5	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	5/19/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
SBW-2	6/10/2015	36	1,400	6.1	310	<2.0	0.23	<2.0	<2.0	<2.0
	9/17/2015	29	1,600	6.5	350	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	30	1,900	6.5	510	<2.0	<0.20	<2.0	3.2	<2.0
	3/16/2016	37	1,000	4.2	390	<2.0	<0.20	<2.0	2.0	<2.0
	8/2/2016	24	1,200	6.2	290	<2.0	0.3	<2.0	<2.0	<2.0
	12/5/2016	36	1,400	4.1	330	<2.0	<0.20	<2.0	2.6	<2.0
	3/1/2017	17	610	2.3	190	<2.0	<0.20	<2.0	<2.0	<2.0
	5/16/2017	25	840	6.2	500	<2.0	1.3	<2.0	2.8	<2.0
SBW-2	8/2/2017	8.3	250	6.6	1,000	3.3	5.6	<2.0	<2.0	<2.0
	11/29/2017	3.7	220	4.5	1,100	2.1	33	<2.0	<2.0	<2.0
	11/29/17 DUP-1	3.5	220	6.1	1,000	<2.0	31	<2.0	<2.0	<2.0
	2/28/2018	<2.0	22	2.5	720	<2.0	52	<2.0	<2.0	<2.0
	2/28/18 DUP-3	<2.0	22	2.6	700	<2.0	54	<2.0	<2.0	<2.0
	6/13/2018	<2.0	27	<2.0	270	<2.0	81	<2.0	<2.0	<2.0
	8/9/2018	<2.0	3.3	<2.0	260	<2.0	19	<2.0	<2.0	<2.0
	8/9/18 Dup-1	<2.0	3.4	<2.0	250	<2.0	17	<2.0	<2.0	<2.0
SBW-2	11/20/2018	<2.0	11	<2.0	220	<2.0	40	<2.0	<2.0	<2.0
	2/27/2019	<2.0	<2.0	<2.0	39	<2.0	12	<2.0	<2.0	<2.0
	5/8/2019	<2.0	<2.0	<2.0	15	<2.0	6.8	<2.0	<2.0	<2.0
	7/30/2019	<2.0	<2.0	<2.0	33	<2.0	8.5	<2.0	<2.0	<2.0
	11/26/2019	<2.0	9.3	<2.0	75	<2.0	3.9	<2.0	<2.0	<2.0
	2/26/2020	<2.0	23	<2.0	32	<2.0	4.2	<2.0	<2.0	<2.0
	2/26/2020 DUP-1	<2.0	24	<2.0	37	<2.0	4.9	<2.0	<2.0	<2.0
	5/28/2020	<2.0	12	<2.0	29	<2.0	4.8	<2.0	<2.0	<2.0
SBW-2	8/11/2020	<2.0	13	<2.0	45	<2.0	8.6	<2.0	<2.0	<2.0
	12/1/2020	<2.0	88	<2.0	36	<2.0	11	<2.0	<2.0	<2.0
	2/24/2021	<2.0	67	<2.0	53	<2.0	2.4	<2.0	<2.0	<2.0
SBW-2	5/19/2021	<2.0	31	<2.0	27	<2.0	8.3	<2.0	<2.0	<2.0

Table 2
Groundwater Analytical Results for Volatile Organic Compounds (in µg/L)
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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-3	6/8/2015	<2.0	70	<2.0	22	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	110	<2.0	25	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	96	<2.0	22	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	2.0	100	<2.0	28	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2016	<2.0	110	<2.0	19	<2.0	<0.20	<2.0	<2.0	<2.0
	12/5/2016	<2.0	34	<2.0	3.2	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2017	<2.0	76	<2.0	17	<2.0	<0.20	<2.0	<2.0	<2.0
	5/16/2017	<2.0	89	<2.0	26	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2017	<2.0	44	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	11/29/2017	<2.0	63	<2.0	14	<2.0	<0.20	<2.0	<2.0	<2.0
	2/28/2018	<2.0	19	<2.0	16	<2.0	0.27	<2.0	<2.0	<2.0
	6/13/2018	<2.0	20	<2.0	7.8	<2.0	<0.20	<2.0	<2.0	<2.0
	06/13/18 Dup-1	<2.0	20	<2.0	7.9	<2.0	<0.20	<2.0	<2.0	<2.0
	8/9/2018	<2.0	19	<2.0	3.4	<2.0	<0.20	<2.0	<2.0	<2.0
	11/20/2018	<2.0	15	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2019	<2.0	38	<2.0	8.6	<2.0	<0.20	<2.0	<2.0	<2.0
	5/8/2019	<2.0	33	<2.0	17	<2.0	<0.20	<2.0	<2.0	<2.0
	7/30/2019	<2.0	29	<2.0	2.6	<2.0	<0.20	<2.0	<2.0	<2.0
	11/26/2019	<2.0	15	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/26/2020	<2.0	23	<2.0	5.9	<2.0	<0.20	<2.0	<2.0	<2.0
	5/28/2020	<2.0	12	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/11/2020	<2.0	17	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2020	<2.0	6.8	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/24/2021	<2.0	39	<2.0	8.5	<2.0	<0.20	<2.0	<2.0	<2.0
	5/20/2021	<2.0	38	<2.0	22	<2.0	0.21	<2.0	<2.0	<2.0
SBW-4	6/8/2015	<2.0	0.47	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	9/15/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	12/1/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	3/15/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/2/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/27/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	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, unless otherwise noted, and results are presented in micrograms per liter (µg/L).

Bold Bold results exceed the laboratory reporting limit.

 Shaded results exceed the Site-specific remediation level.

< Indicates that the analyte is 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 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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	--	--	--	--	--	--
MW-2	3/15/2016	--	--	<10	4.2	--	--	--	--	--	--
	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	--	--	--	--	--	--	--
MW-3	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	2/28/2020	--	--	<10	--	--	--	--	--	--	--
	11/25/2020	--	2.0	--	--	--	--	--	--	<50	<5.0 ⁱ
	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	--	--	--	--	--	--
	5/19/2021	--	--	<10	65	--	--	--	--	--	--
	5/19/2021	--	--	<10	61	--	--	--	--	--	--
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	--	--	--	--	--	--
MW-4i	3/17/16 DUP-3	--	--	<10	2.0	--	--	--	--	--	--
	12/4/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/4/15 DUP-4	--	--	<10	<2.0	--	--	--	--	--	--
MW-5	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	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	--	--	--	--	--	--

Table 3
Groundwater Analytical Results for Metals and Cyanide (in µg/L)
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. Adams Street, Seattle, Washington

Monitoring 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-5	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	--	--	--	--	--	--	--
MW-05i	5/18/2021	--	--	<10	5.3	--	--	--	--	--	--
	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	--	--	--	--	--	--
		WELL DECOMMISSIONED									
MW-07	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	--	--	--	--	--	--	--
MW-8 (MW-8i)	5/19/2021	--	--	<10	82	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-9	3/16/2016	--	--	<10	2.5	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-10 (MW-10s)	12/1/2015	--	--	<10	9	--	--	--	--	--	--
	3/16/2016	--	--	<10	8.1	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-10i	12/1/2015	--	--	<10	8.6	--	--	--	--	--	--
	3/16/2016	--	--	<10	8.9	--	--	--	--	--	--
	6/8/2015	--	--	<10	12	--	--	--	--	--	--
	9/16/2015	--	--	<10	8.8	--	--	--	--	--	--
MW-11	12/1/2015	--	--	<10	18	--	--	--	--	--	--
	3/16/2016	--	--	<10	26	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-11	2/28/2017	--	--	59	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--

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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-11	8/9/2018	--	--	14	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	7/30/2019	--	--	27	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	8/11/2020	--	--	34	--	--	--	--	--	--	--
	5/20/2021	--	--	<10	4.7	--	--	--	--	--	--
	5/20/2021	--	--	<10	4.7	--	--	--	--	--	--
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	--	--	--	--	--	--
MW-13	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
	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	--	--	--	--	--	--	--
MW-15 (MW-15s)	5/19/2021	--	--	82	80	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-15i	3/18/2016	--	--	<10	28	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-16	3/18/16 DUP-4	--	--	<10	6.7	--	--	--	--	--	--
	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	--	--	--	--	--	--
MW-16PP*	11/25/2020	--	8.6	--	--	--	--	5.3	79	<50	<5.0 ⁱ
	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									--
	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	--	--	--	--	--	--
	5/19/2021	--	--	<10	24	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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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-19	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	--	--	--	--	--	--	--
	5/19/2021	--	--	<10	11	--	--	--	--	--	--
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	--	--	--	--	--	--	--
	5/18/2021	--	--	<10	<2.0	--	--	--	--	--	--
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	--	--	--	--	--	--
	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	--	--	--	--	--	--
	5/19/2021	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	--	--	--	--	--	--

Table 3
Groundwater Analytical Results for Metals and Cyanide (in µg/L)
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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-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	--	--	--	--	--	--	--
SBW-3	2/24/2021	--	--	<10	20	--	--	--	--	--	--
	5/19/2021	--	--	<10	30	--	--	--	--	--	--
	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	--	--	--	--	--	--
	5/20/2021	--	--	95	100	--	--	--	--	--	--
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 ⁱ		6,300	130,000	9,400	NVE	81,000	NVE	1.34E+07	NVE	81,000	81,000

Notes:

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

Bold Bold results exceed the laboratory reporting limit.

 Shaded results exceed the Site-specific remediation level.

< Indicates that the analyte is not detected at a concentration greater than the laboratory reporting limit, unless otherwise noted.

-- 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

c All samples analyzed for hexavalent chromium by EPA Metthod 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 Metthod 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 4
System 1 – SVE Air Emmission Results (in µg/L)
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. Adams Street, Seattle, Washington

Sample Identification	Date Collected	Measured Volatile Organic Compounds ^a							
		Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)	trans-1,2-Dichloro-ethene	cis-1,2-Dichloro-ethene	1,1-Dichloro-ethene	Vinyl Chloride	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane
AIR-INF	5/1/2017	8.00	192	0.186	8.54	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/2/2017	3.4 JD	93.3 D	0.105	2.98 JD	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/3/2017	3.32	84.6	<0.100	3.01	<0.100	<0.0200	<0.100	<0.100
AIR-MID		<0.100	0.196	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/5/2017	2.74	44.3 D	<0.100	2.02	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/8/2017	1.47	31.6 D	<0.100	1.19	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/10/2017	1.28	28.0 D	<0.100	0.828	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/15/2017	0.802	17.2 D	<0.100	0.569	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/19/2017	0.938	19.1 D	<0.100	0.646	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/22/2017	0.709	13.8 D	<0.100	0.480	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	5/30/2017	0.756	15.9 D	<0.100	0.464	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	6/5/2017	0.398	11.3 D	<0.100	0.395	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	6/15/2017	0.517	10.7 D	<0.100	0.354	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-INF	6/30/2017	0.496	9.95 D	<0.100	0.373	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	<0.100	<0.100	0.697	<0.100	<0.0200	<0.100	<0.100
AIR-INF	7/28/2017	0.470	9.07 D	<0.100	0.328	<0.100	<0.0200	<0.100	<0.100
AIR-EFF		<0.100	0.256	<0.100	0.703	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	8/30/2017	0.362	6.67	<0.100	0.235	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	9/28/2017	0.264	4.96	<0.100	0.197	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	10/31/2017	0.183	3.63	<0.100	0.122	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	11/27/2017	0.140	2.65	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	12/28/2017	0.111	1.16	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	1/31/2018	0.153	5.66	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	2/26/2018	<0.100	1.66	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	3/28/2018	0.317	7.69	<0.100	0.292	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	4/25/2018	0.185	2.30	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	6/8/2018	0.123	2.98	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	6/29/2018	0.136	2.84	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	7/24/2018	1.02	24.1 D	<0.100	0.836	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	10/5/2018	0.648	16.4 DH	<0.100	0.752	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	11/2/2018	0.346	10.8 D	<0.100	0.348	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	12/18/2018	<0.100	1.81	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	2/8/2019	<0.100	3.27	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	3/15/2019	<0.100	1.88	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	6/4/2019	0.269	18.9 D	<0.100	0.161	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	7/22/2019	<0.100	1.95	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	9/10/2019	0.648	29.40	<0.100	1.09	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	10/31/2019	0.445	16.2 D	<0.100	0.434	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	12/16/2019	<0.100	2.40	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	1/28/2020	<0.100	2.25	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	2/24/2020	<0.100	1.69	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	4/10/2020	<0.100	2.03	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	5/27/2020	<0.100	2.37	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	7/13/2020	<0.100	2.71	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	8/7/2020	<0.100	3.92	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	12/3/2020	<0.100	3.75	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	2/8/2021	<0.100	2.25	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100
AIR-EFF	5/24/2021	<0.100	2.44	<0.100	<0.100	<0.100	<0.0200	<0.100	<0.100

Notes:
All results presented in micrograms/cubic meter (µg/L).
Bold Bold results exceed the laboratory reporting limit.
< Indicates concentration is less 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.
J Analyte detected below reporting limit.

Table 5
System 2 – SVE Air Emmission Results (in µg/L)
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. Adams Street, Seattle, Washington

Sample Identification	Date Collected	Measured Volatile Organic Compounds ^a							
		Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)	trans-1,2-Dichloro-ethene	cis-1,2-Dichloro-ethene	1,1-Dichloro-ethene	Vinyl Chloride	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane
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

Notes:
All results presented in micrograms/cubic meter (µg/L).
Bold Bold results exceed the laboratory reporting limit.
< Indicates concentration is less 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 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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 ⁱ	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

Table 6
System 1 SVE System Operation Summary
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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
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	396.40	17.08	NA	0.6	31.0	273.0	NA	NA	NA	NA	NA	NA	NA
12/16/2019	46.00	372.00	2.40	NA	0.1	3.7	276.6	NA	NA	NA	NA	NA	NA	NA
1/28/2020	43.00	379.00	2.25	NA	0.1	3.3	279.9	NA	NA	NA	NA	NA	NA	NA
2/24/2020	27.00	390.30	1.69	NA	0.1	1.6	281.5	NA	NA	NA	NA	NA	NA	NA
4/10/2020	46.00	395.90	2.03	NA	0.1	3.3	284.9	NA	NA	NA	NA	NA	NA	NA
5/27/2020	47.00	393.50	2.37	NA	0.1	3.9	288.8	NA	NA	NA	NA	NA	NA	NA
7/13/2020	47.00	364.70	2.71	NA	0.1	4.2	293.0	NA	NA	NA	NA	NA	NA	NA
8/7/2020	25.00	377.20	3.92	NA	0.1	3.3	296.3	NA	NA	NA	NA	NA	NA	NA
12/3/2020	118.00	303.00	3.75	NA	0.1	12.0	308.3	NA	NA	NA	NA	NA	NA	NA
2/18/2021	77.00	369.00	2.25	NA	0.1	5.7	314.0	NA	NA	NA	NA	NA	NA	NA
3/31/2021 ⁱ	20.00	375.60	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/24/2021	54.00	379.30	2.44	NA	0.1	4.5	318.5	NA	NA	NA	NA	NA	NA	NA
Run time	1413.31													

Notes:

- aDays of SVE operation since last visit.
- bCollected from AIR-INF location, post dilution.
- cCollected from SVE-TOT location, post dilution.
- dCollected from AIR-EFF location, effluent carbon.
- eCalculated as: Removal rate (lbs/day) = [[flow rate(scfm)*1440 (min/day)]*[28.3(L/Ft3)*Inf. Conc (µg/L)]]/454,000,000 µg/lb
- fCalculated as: [GRPH Removal Rate (lbs/day) * Time Since Last Event (days)]
- gCalculated as: [Cumulative GRPH Removed (lbs) + GRPH Removed During Period (lbs)]
- hCalculated as: [(Mass flow rate In - Mass Flow rate Out)/(Mass flow rate in)] * 100
- iEstimated value. System was off for an unknow amount of time. No verification of run time is available.
- SVESoil vapor extraction.

- VOCVolatile organic compound.
- Conc.Concentration.
- µg/LMicrograms per liter.
- lbsPounds.
- ppmParts per million.
- ppmvParts per million, by volume.
- %Percent.
- PIDPhotoionization detector.
- scfmStandard cubic feet per minute.
- NANot Applicable -- vapor controls removed.

Table 7
System 2 SVE System Operation Summary
Annual Groundwater Monitoring Report for 2020–2021
Washington Industries Environmental Remediation Trust
825 S. Dakota Street and 812 and 820 S. 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 ^f	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 ^f	20.00	351	NS	NA	NA	NA
5/24/2021	54.00	378	0.370	0.01	0.68	52.07
Run time	1199.20					

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

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)]

f

Estimated value. System was off for an unknow amount of time. No verification of run time is available.

SVE

Soil vapor extraction.

scfm

Standard cubic feet per minute.

VOC

Volatile organic compound.

Conc.

Concentration.

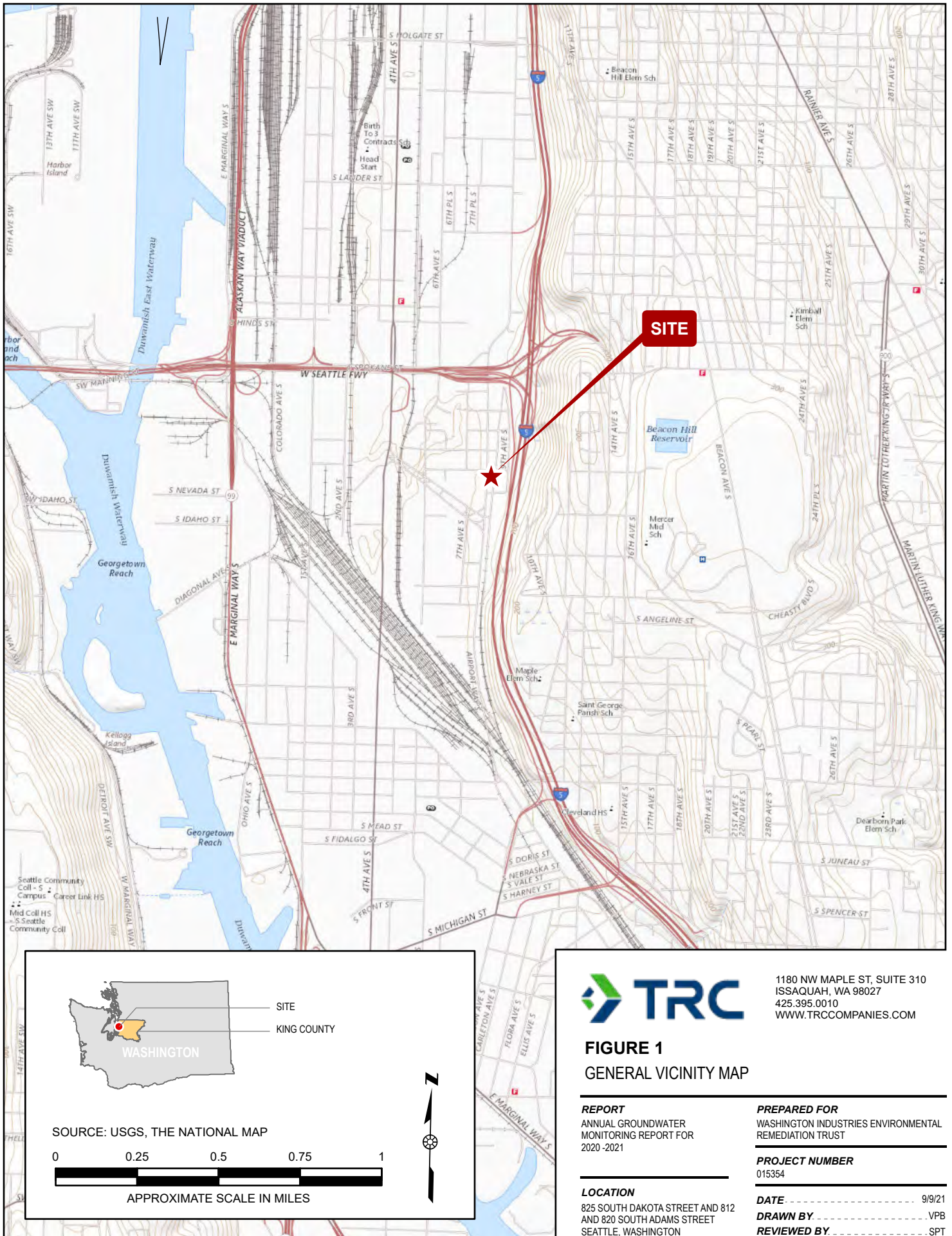
µg/L

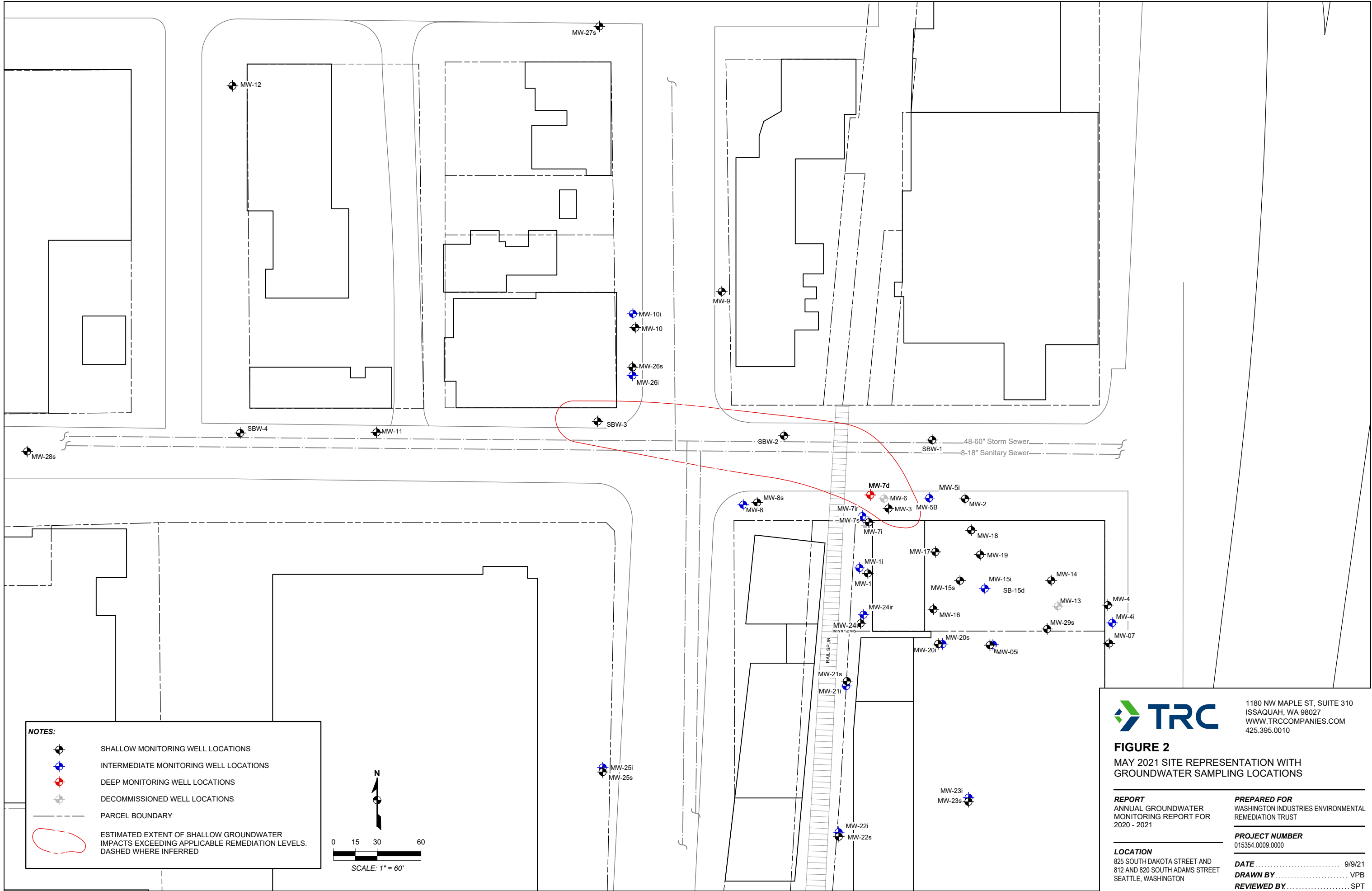
Micrograms per liter.

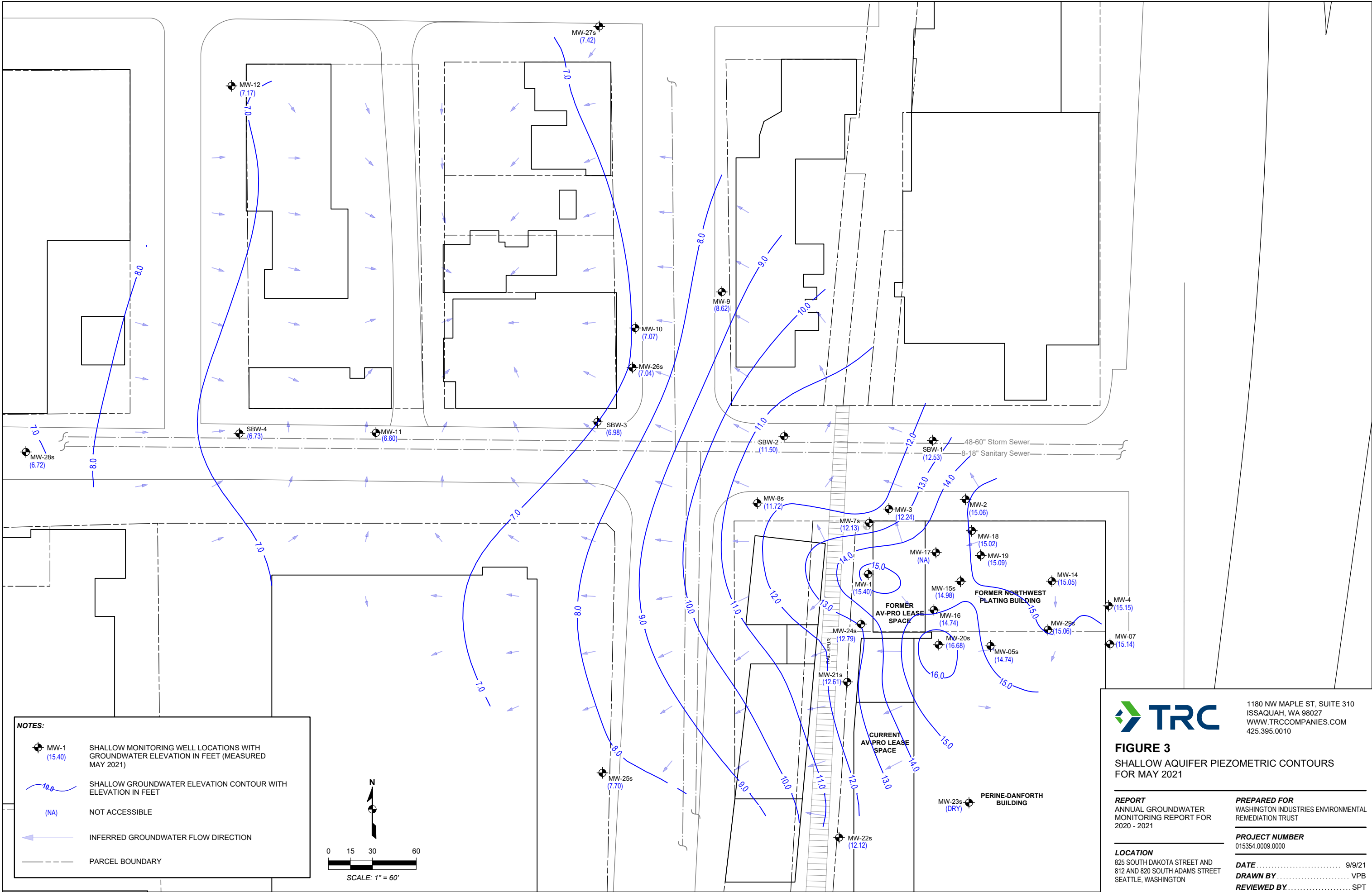
lbs

Pounds.

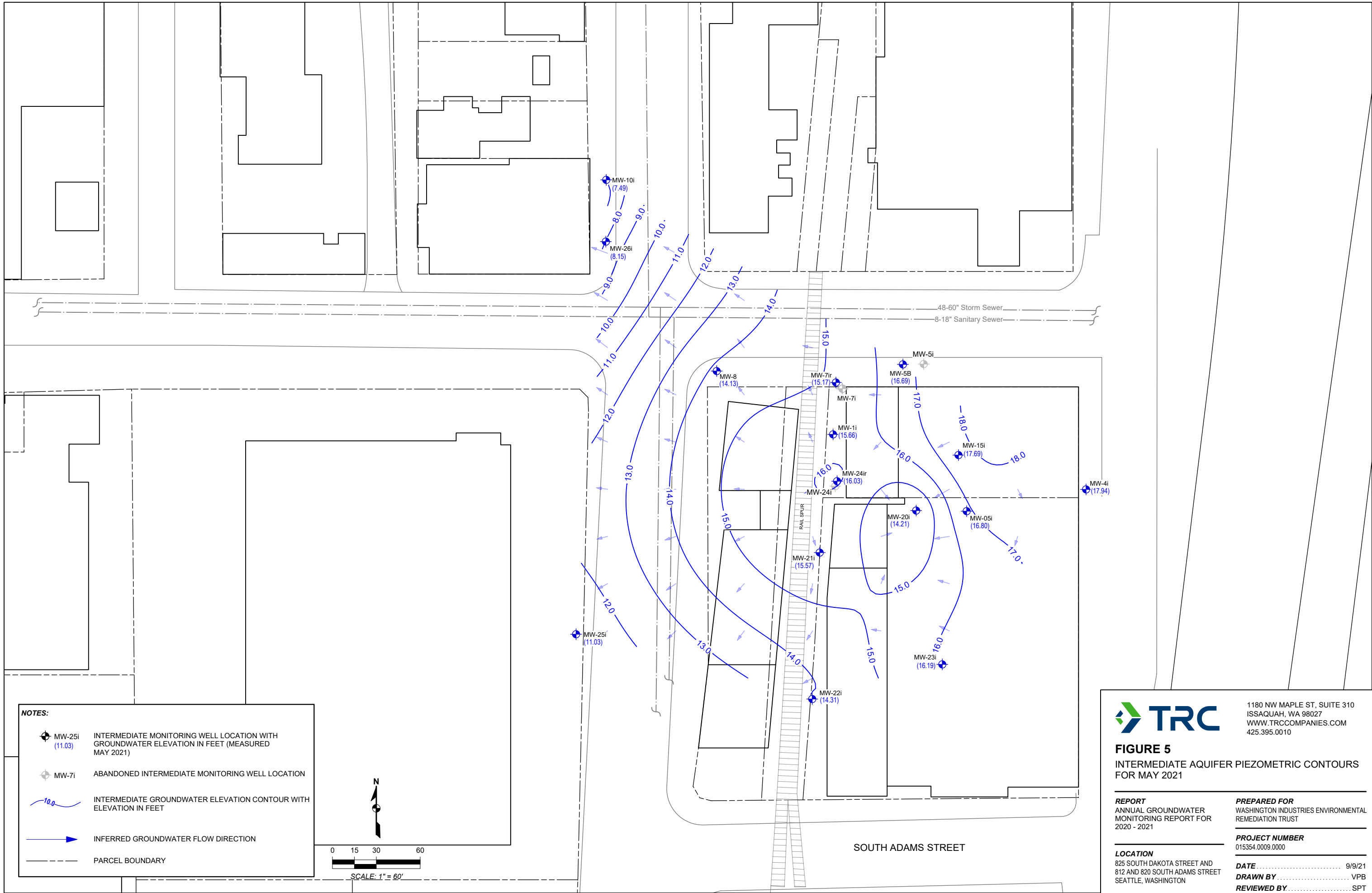
Figures









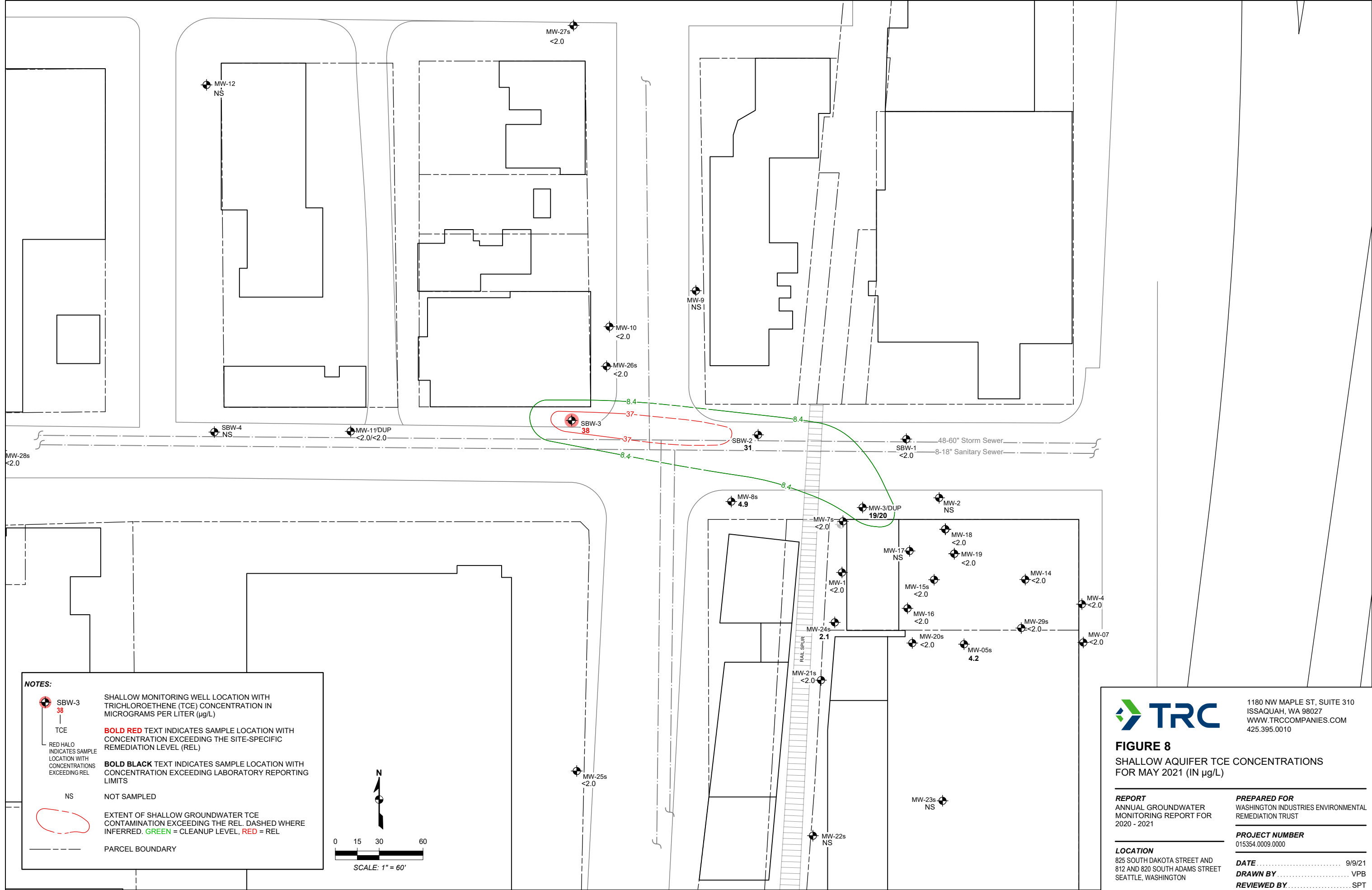


1180 NW MAPLE ST, SUITE 310
ISSAQUAH, WA 98027
WWW.TRCCOMPANIES.COM
425.395.0010

FIGURE 5
INTERMEDIATE AQUIFER PIEZOMETRIC CONTOURS
FOR MAY 2021

REPORT ANNUAL GROUNDWATER MONITORING REPORT FOR 2020 - 2021	PREPARED FOR WASHINGTON INDUSTRIES ENVIRONMENTAL REMEDATION TRUST
LOCATION 825 SOUTH DAKOTA STREET AND 812 AND 820 SOUTH ADAMS STREET SEATTLE, WASHINGTON	PROJECT NUMBER 015354.0009.0000
DATE 9/9/21 DRAWN BY VPB REVIEWED BY SPT	







Attachment A
Laboratory Analytical Reports for Groundwater



June 8, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On May 28th, 4 samples were received by our laboratory and assigned our laboratory project number EV20050132. The project was identified as your 015354 (Formerly 64001). 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

Rick Bagan
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/8/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050132
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050132-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/28/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/28/2020 11:25:00 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	06/05/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	06/05/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/05/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/05/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichloroethene	EPA-8260	12	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS JOB#:	EV20050132
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050132-01
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/28/2020
CLIENT SAMPLE ID	SBW-3	COLLECTION DATE:	5/28/2020 11:25:00 AM
		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	06/05/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/05/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chromium (VI)	EPA-7196	66	10	1	UG/L	05/29/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	06/05/2020	DLC
Toluene-d8	EPA-8260	96.5	06/05/2020	DLC
4-Bromofluorobenzene	EPA-8260	123 SQ1	06/05/2020	DLC

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

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/8/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050132
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050132-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/28/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/28/2020 12:38:00 PM
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	06/05/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Vinyl Chloride	EPA-8260	4.8	0.20	1	UG/L	06/05/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/05/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/05/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	29	2.0	1	UG/L	06/05/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichloroethene	EPA-8260	12	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/05/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS JOB#:	EV20050132
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050132-02
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/28/2020
CLIENT SAMPLE ID	SBW-2	COLLECTION DATE:	5/28/2020 12:38:00 PM
		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	06/05/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/05/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/29/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	06/05/2020	DLC
Toluene-d8	EPA-8260	96.8	06/05/2020	DLC
4-Bromofluorobenzene	EPA-8260	105	06/05/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/8/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050132
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050132-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/28/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/28/2020 2:00:00 PM
CLIENT SAMPLE ID	MW-18	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	05/29/2020	JNF
Chromium	EPA-200.8	59	2.0	1	UG/L	06/04/2020	RAL

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/8/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050132
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050132-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/28/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/28/2020 3:00:00 PM
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	06/05/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Vinyl Chloride	EPA-8260	6.4	0.20	1	UG/L	06/05/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/05/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/05/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	10	2.0	1	UG/L	06/05/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trichloroethene	EPA-8260	29	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/05/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS JOB#:	EV20050132
		ALS SAMPLE#:	EV20050132-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/28/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/28/2020 3:00:00 PM
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	06/05/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/05/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/05/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/05/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/29/2020	JNF
Chromium	EPA-200.8	83	2.0	1	UG/L	06/04/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	06/05/2020	DLC
Toluene-d8	EPA-8260	96.0	06/05/2020	DLC
4-Bromofluorobenzene	EPA-8260	105	06/05/2020	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: 6/8/2020
ALS SDG#: EV20050132
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354 (Formerly 64001)

LABORATORY BLANK RESULTS

MB-060520W - Batch 154211 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	06/05/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Acetone	EPA-8260	U	UG/L	25	06/05/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	06/05/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	06/05/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	06/05/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	06/05/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	06/05/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	06/05/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS SDG#:	EV20050132
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-060520W - Batch 154211 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	06/05/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	06/05/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	06/05/2020	DLC

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

MBLK-R362408 - Batch R362408 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	05/29/2020	JNF

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

MB-060320W - Batch 154084 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	06/04/2020	RAL

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS SDG#:	EV20050132
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-060320W - Batch 154084 - 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:	6/8/2020
		ALS SDG#:	EV20050132
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 154211 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	129			50	150	06/05/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	117	10		50	150	06/05/2020	DLC
Chloromethane - BS	EPA-8260	111			50	150	06/05/2020	DLC
Chloromethane - BSD	EPA-8260	101	9		50	150	06/05/2020	DLC
Vinyl Chloride - BS	EPA-8260	104			50	150	06/05/2020	DLC
Vinyl Chloride - BSD	EPA-8260	94.6	10		50	150	06/05/2020	DLC
Bromomethane - BS	EPA-8260	111			50	150	06/05/2020	DLC
Bromomethane - BSD	EPA-8260	107	4		50	150	06/05/2020	DLC
Chloroethane - BS	EPA-8260	104			50	150	06/05/2020	DLC
Chloroethane - BSD	EPA-8260	95.0	9		50	150	06/05/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	110			50	150	06/05/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	100	9		50	150	06/05/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	117			50	150	06/05/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	106	9		50	150	06/05/2020	DLC
Carbon Disulfide - BS	EPA-8260	107			50	150	06/05/2020	DLC
Carbon Disulfide - BSD	EPA-8260	98.4	9		50	150	06/05/2020	DLC
Acetone - BS	EPA-8260	135			50	150	06/05/2020	DLC
Acetone - BSD	EPA-8260	129	5		50	150	06/05/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	105			72.5	136	06/05/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	95.4	9		72.5	136	06/05/2020	DLC
Methylene Chloride - BS	EPA-8260	97.3			50	150	06/05/2020	DLC
Methylene Chloride - BSD	EPA-8260	91.1	7		50	150	06/05/2020	DLC
Acrylonitrile - BS	EPA-8260	110			50	150	06/05/2020	DLC
Acrylonitrile - BSD	EPA-8260	100	9		50	150	06/05/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	102			50	150	06/05/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	95.4	7		50	150	06/05/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	104			50	150	06/05/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	95.7	9		50	150	06/05/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	104			50	150	06/05/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	95.5	8		50	150	06/05/2020	DLC
2-Butanone - BS	EPA-8260	115			50	150	06/05/2020	DLC
2-Butanone - BSD	EPA-8260	105	9		50	150	06/05/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	102			50	150	06/05/2020	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	94.3	8		50	150	06/05/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	122			50	150	06/05/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	110	11		50	150	06/05/2020	DLC
Bromochloromethane - BS	EPA-8260	100			50	150	06/05/2020	DLC
Bromochloromethane - BSD	EPA-8260	93.7	7		50	150	06/05/2020	DLC
Chloroform - BS	EPA-8260	114			50	150	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS SDG#:	EV20050132
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	105	8		50	150	06/05/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	107			50	150	06/05/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	97.4	9		50	150	06/05/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	109			50	150	06/05/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	99.5	9		50	150	06/05/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	109			50	150	06/05/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	102	7		50	150	06/05/2020	DLC
Benzene - BS	EPA-8260	114			74.7	143	06/05/2020	DLC
Benzene - BSD	EPA-8260	105	9		74.7	143	06/05/2020	DLC
Trichloroethene - BS	EPA-8260	105			74.4	141	06/05/2020	DLC
Trichloroethene - BSD	EPA-8260	96.0	9		74.4	141	06/05/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	103			50	150	06/05/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	95.3	8		50	150	06/05/2020	DLC
Dibromomethane - BS	EPA-8260	101			50	150	06/05/2020	DLC
Dibromomethane - BSD	EPA-8260	93.9	7		50	150	06/05/2020	DLC
Bromodichloromethane - BS	EPA-8260	105			50	150	06/05/2020	DLC
Bromodichloromethane - BSD	EPA-8260	97.1	8		50	150	06/05/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	102			50	150	06/05/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	94.9	7		50	150	06/05/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	108			50	150	06/05/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	101	7		50	150	06/05/2020	DLC
Toluene - BS	EPA-8260	105			71.7	139	06/05/2020	DLC
Toluene - BSD	EPA-8260	96.1	8		71.7	139	06/05/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	106			50	150	06/05/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	98.5	8		50	150	06/05/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	96.9			50	150	06/05/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	90.6	7		50	150	06/05/2020	DLC
2-Hexanone - BS	EPA-8260	113			50	150	06/05/2020	DLC
2-Hexanone - BSD	EPA-8260	107	6		50	150	06/05/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	97.5			50	150	06/05/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	90.8	7		50	150	06/05/2020	DLC
Tetrachloroethylene - BS	EPA-8260	98.9			50	150	06/05/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	91.9	7		50	150	06/05/2020	DLC
Dibromochloromethane - BS	EPA-8260	101			50	150	06/05/2020	DLC
Dibromochloromethane - BSD	EPA-8260	93.8	7		50	150	06/05/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	95.0			50	150	06/05/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	88.9	7		50	150	06/05/2020	DLC
Chlorobenzene - BS	EPA-8260	103			73	131	06/05/2020	DLC
Chlorobenzene - BSD	EPA-8260	95.2	8		73	131	06/05/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	98.7			50	150	06/05/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
		ALS SDG#:	EV20050132
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

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	91.7	7		50	150	06/05/2020	DLC
Ethylbenzene - BS	EPA-8260	105			50	150	06/05/2020	DLC
Ethylbenzene - BSD	EPA-8260	96.4	9		50	150	06/05/2020	DLC
m,p-Xylene - BS	EPA-8260	106			50	150	06/05/2020	DLC
m,p-Xylene - BSD	EPA-8260	97.2	9		50	150	06/05/2020	DLC
Styrene - BS	EPA-8260	110			50	150	06/05/2020	DLC
Styrene - BSD	EPA-8260	102	8		50	150	06/05/2020	DLC
o-Xylene - BS	EPA-8260	105			50	150	06/05/2020	DLC
o-Xylene - BSD	EPA-8260	96.1	9		50	150	06/05/2020	DLC
Bromoform - BS	EPA-8260	103			50	150	06/05/2020	DLC
Bromoform - BSD	EPA-8260	97.0	6		50	150	06/05/2020	DLC
Isopropylbenzene - BS	EPA-8260	107			50	150	06/05/2020	DLC
Isopropylbenzene - BSD	EPA-8260	98.4	9		50	150	06/05/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	113			50	150	06/05/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	107	5		50	150	06/05/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	113			50	150	06/05/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	109	4		50	150	06/05/2020	DLC
Bromobenzene - BS	EPA-8260	113			50	150	06/05/2020	DLC
Bromobenzene - BSD	EPA-8260	107	6		50	150	06/05/2020	DLC
N-Propyl Benzene - BS	EPA-8260	117			50	150	06/05/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	109	7		50	150	06/05/2020	DLC
2-Chlorotoluene - BS	EPA-8260	117			50	150	06/05/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	110	7		50	150	06/05/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	108			50	150	06/05/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	99.8	8		50	150	06/05/2020	DLC
4-Chlorotoluene - BS	EPA-8260	114			50	150	06/05/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	106	7		50	150	06/05/2020	DLC
T-Butyl Benzene - BS	EPA-8260	118			50	150	06/05/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	109	8		50	150	06/05/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	98.1			50	150	06/05/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	91.4	7		50	150	06/05/2020	DLC
S-Butyl Benzene - BS	EPA-8260	101			50	150	06/05/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	93.3	8		50	150	06/05/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	110			50	150	06/05/2020	DLC
P-Isopropyltoluene - BSD	EPA-8260	102	8		50	150	06/05/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	103			50	150	06/05/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	95.9	7		50	150	06/05/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	104			50	150	06/05/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	97.9	6		50	150	06/05/2020	DLC
N-Butylbenzene - BS	EPA-8260	108			50	150	06/05/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/8/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV20050132
CLIENT PROJECT:	015354 (Formerly 64001)	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	100	8		50	150	06/05/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	104			50	150	06/05/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	97.9	6		50	150	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	94.0			50	150	06/05/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	88.2	6		50	150	06/05/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	112			50	150	06/05/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	108	3		50	150	06/05/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	120			50	150	06/05/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	110	8		50	150	06/05/2020	DLC
Naphthalene - BS	EPA-8260	114			50	150	06/05/2020	DLC
Naphthalene - BSD	EPA-8260	114	0		50	150	06/05/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	113			50	150	06/05/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	111	2		50	150	06/05/2020	DLC

SURROGATE	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
4-Bromofluorobenzene - BS	EPA-8260	77.1		SQ3	78	120	06/05/2020	DLC
4-Bromofluorobenzene - BSD	EPA-8260	78.0		SQ3	78	120	06/05/2020	DLC

SQ3 - Spike outside of control limits due to sporadic marginal failure. All other spikes in extraction fraction within control limits. No corrective action taken.

ALS Test Batch ID: R362408 - 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	05/29/2020	JNF
Chromium (VI) - BSD	EPA-7196	99.0	2		90	114	05/29/2020	JNF

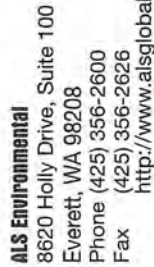
ALS Test Batch ID: 154084 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	98.4			88.3	110.2	06/04/2020	RAL
Chromium - BSD	EPA-200.8	100	2		88.3	110.2	06/04/2020	RAL

APPROVED BY



Laboratory Director



ALS Job#

6V20050132

Date 5/28/20 Page 1 Of 1

NWTPH-HClD
NWTPH-DX
NWTPH-GX
BTEX by EPA 8021 ☐
MTBE by EPA 8260 ☐
Halogenated Volatiles by EPA 8260
Volatile Organic Compounds by EPA 8260
EDB / EDC by EPA 8260 SIM (water)
EDB / EDC by EPA 8260 (soil)
Semi-volatile 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 ☐ Pt Pol ☐ TAL ☐
Metals Other (Specify)
TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐
CVI Total Cr
NUMBER OF CONTAINERS
RECEIVED IN GOOD CONDITION?

[illegible]

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [Signature] TRC 5/28/20, 1506
Received By: [Signature] ALB 5-28-20 1506

2. Relinquished By: _____

Received By: _____

TURNAROUND
Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5	3	1	SAME DAY

TURNAROUND REQUESTED in Business Days*
OTHER:

Specify:

*Turnaround request less than standard may incur Rush Charges



June 12, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On May 29th, 12 samples were received by our laboratory and assigned our laboratory project number EV20050143. The project was identified as your 015354 (Formerly 64001). 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

Rick Bagan
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 6/12/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20050143
Issaquah, WA 98027 ALS SAMPLE#: EV20050143-01
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 05/29/2020
CLIENT PROJECT: 015354 (Formerly 64001) COLLECTION DATE: 5/29/2020 8:10:00 AM
CLIENT SAMPLE ID: MW-21s 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	3.5	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 6/12/2020
ALS JOB#: EV20050143
ALS SAMPLE#: EV20050143-01
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/29/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 5/29/2020 8:10:00 AM
CLIENT SAMPLE ID: MW-21s
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	06/09/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	125 SQ1	06/09/2020	DLC

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

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-02
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-11	COLLECTION DATE:	5/29/2020 9:10:00 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	1.2	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	25	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	2.8	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-02
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-11	COLLECTION DATE:	5/29/2020 9:10:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	101	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	133 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
 U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 9:25:00 AM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	1.0	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	14	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-03
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-26s	COLLECTION DATE:	5/29/2020 9:25:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	128 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
 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: 6/12/2020
ALS JOB#: EV20050143
ALS SAMPLE#: EV20050143-04
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/29/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 5/29/2020 9:40:00 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	23	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	2.1	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	76	20	10	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	22	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
		ALS SAMPLE#:	EV20050143-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 9:40:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	101	06/09/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	134 SQ1	06/09/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	135 SQ1	06/09/2020	DLC

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

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 9:45:00 AM
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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	0.51	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 6/12/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20050143
Issaquah, WA 98027 ALS SAMPLE#: EV20050143-05
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 05/29/2020
CLIENT PROJECT: 015354 (Formerly 64001) COLLECTION DATE: 5/29/2020 9:45:00 AM
CLIENT SAMPLE ID MW-7ir 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	132 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 9:55:00 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	18	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	33	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-06
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-7s	COLLECTION DATE:	5/29/2020 9:55:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	115	06/09/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:00:00 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	1.9	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-07
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-1	COLLECTION DATE:	5/29/2020 10:00:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	137 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
 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:	6/12/2020
		ALS JOB#:	EV20050143
		ALS SAMPLE#:	EV20050143-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:20:00 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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	3.5	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	4.4	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:20:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	139 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-09
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:30:00 AM
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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	3.7	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-09
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-15s	COLLECTION DATE:	5/29/2020 10:30:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	138 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
 U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-10
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:36:00 AM
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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	1.5	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV20050143-10
CLIENT PROJECT:	015354 (Formerly 64001)	DATE RECEIVED:	05/29/2020
CLIENT SAMPLE ID	MW-15i	COLLECTION DATE:	5/29/2020 10:36:00 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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	101	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	122 SQ1	06/09/2020	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.
 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: 6/12/2020
ALS JOB#: EV20050143
ALS SAMPLE#: EV20050143-11
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/29/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 5/29/2020 10:45:00 AM
CLIENT SAMPLE ID: MW-19
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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	8.5	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS JOB#:	EV20050143
		ALS SAMPLE#:	EV20050143-11
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020 10:45:00 AM
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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	104	06/09/2020	DLC
Toluene-d8	EPA-8260	102	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	135 SQ1	06/09/2020	DLC

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

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



CERTIFICATE OF ANALYSIS

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

DATE: 6/12/2020
ALS JOB#: EV20050143
ALS SAMPLE#: EV20050143-12

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354 (Formerly 64001)

DATE RECEIVED: 05/29/2020
COLLECTION DATE: 5/29/2020

CLIENT SAMPLE ID DUP-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	06/09/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Vinyl Chloride	EPA-8260	1.1	0.20	1	UG/L	06/09/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	06/09/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	06/09/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	24	2.0	1	UG/L	06/09/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trichloroethene	EPA-8260	2.4	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	06/09/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	6/12/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20050143
	Issaquah, WA 98027	ALS SAMPLE#:	EV20050143-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/29/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	5/29/2020
CLIENT SAMPLE ID	DUP-1	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	06/09/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	06/09/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	06/09/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	06/09/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	103	06/09/2020	DLC
Toluene-d8	EPA-8260	101	06/09/2020	DLC
4-Bromofluorobenzene	EPA-8260	131 SQ1	06/09/2020	DLC

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

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



CERTIFICATE OF ANALYSIS

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

DATE: 6/12/2020
ALS SDG#: EV20050143
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354 (Formerly 64001)

LABORATORY BLANK RESULTS

MB-060820W2 - Batch 154358 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	06/08/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Acetone	EPA-8260	U	UG/L	25	06/08/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	06/08/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	06/08/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	06/08/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	06/08/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	06/08/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	06/08/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS SDG#:	EV20050143
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-060820W2 - Batch 154358 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	06/08/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	06/08/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	06/08/2020	DLC

SURROGATE	METHOD	%REC	CONTROL LIMITS		ANALYSIS DATE	ANALYSIS BY
			MIN	MAX		
4-Bromofluorobenzene	EPA-8260	123 SQ1	78	120	06/08/2020	DLC

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

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:	6/12/2020
		ALS SDG#:	EV20050143
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 154358 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	120			50	150	06/08/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	115	4		50	150	06/09/2020	DLC
Chloromethane - BS	EPA-8260	113			50	150	06/08/2020	DLC
Chloromethane - BSD	EPA-8260	108	4		50	150	06/09/2020	DLC
Vinyl Chloride - BS	EPA-8260	108			50	150	06/08/2020	DLC
Vinyl Chloride - BSD	EPA-8260	104	4		50	150	06/09/2020	DLC
Bromomethane - BS	EPA-8260	139			50	150	06/08/2020	DLC
Bromomethane - BSD	EPA-8260	133	4		50	150	06/09/2020	DLC
Chloroethane - BS	EPA-8260	107			50	150	06/08/2020	DLC
Chloroethane - BSD	EPA-8260	103	4		50	150	06/09/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	112			50	150	06/08/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	108	4		50	150	06/09/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	115			50	150	06/08/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	111	4		50	150	06/09/2020	DLC
Carbon Disulfide - BS	EPA-8260	107			50	150	06/08/2020	DLC
Carbon Disulfide - BSD	EPA-8260	104	3		50	150	06/09/2020	DLC
Acetone - BS	EPA-8260	131			50	150	06/08/2020	DLC
Acetone - BSD	EPA-8260	127	4		50	150	06/09/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	107			72.5	136	06/08/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	103	3		72.5	136	06/09/2020	DLC
Methylene Chloride - BS	EPA-8260	105			50	150	06/08/2020	DLC
Methylene Chloride - BSD	EPA-8260	103	2		50	150	06/09/2020	DLC
Acrylonitrile - BS	EPA-8260	111			50	150	06/08/2020	DLC
Acrylonitrile - BSD	EPA-8260	107	3		50	150	06/09/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	104			50	150	06/08/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	102	2		50	150	06/09/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	105			50	150	06/08/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	102	3		50	150	06/09/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	104			50	150	06/08/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	101	3		50	150	06/09/2020	DLC
2-Butanone - BS	EPA-8260	109			50	150	06/08/2020	DLC
2-Butanone - BSD	EPA-8260	107	2		50	150	06/09/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	103			50	150	06/08/2020	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	99.1	4		50	150	06/09/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	92.9			50	150	06/08/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	89.0	4		50	150	06/09/2020	DLC
Bromochloromethane - BS	EPA-8260	99.6			50	150	06/08/2020	DLC
Bromochloromethane - BSD	EPA-8260	96.0	4		50	150	06/09/2020	DLC
Chloroform - BS	EPA-8260	108			50	150	06/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS SDG#:	EV20050143
CLIENT CONTACT:	Sean Trimble	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	104	4		50	150	06/09/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	107			50	150	06/08/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	103	4		50	150	06/09/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	109			50	150	06/08/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	105	4		50	150	06/09/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	109			50	150	06/08/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	104	4		50	150	06/09/2020	DLC
Benzene - BS	EPA-8260	111			74.7	143	06/08/2020	DLC
Benzene - BSD	EPA-8260	107	4		74.7	143	06/09/2020	DLC
Trichloroethene - BS	EPA-8260	103			74.4	141	06/08/2020	DLC
Trichloroethene - BSD	EPA-8260	99.5	4		74.4	141	06/09/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	103			50	150	06/08/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	98.5	4		50	150	06/09/2020	DLC
Dibromomethane - BS	EPA-8260	102			50	150	06/08/2020	DLC
Dibromomethane - BSD	EPA-8260	98.8	3		50	150	06/09/2020	DLC
Bromodichloromethane - BS	EPA-8260	104			50	150	06/08/2020	DLC
Bromodichloromethane - BSD	EPA-8260	99.7	4		50	150	06/09/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	97.8			50	150	06/08/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	94.5	3		50	150	06/09/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	107			50	150	06/08/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	106	1		50	150	06/09/2020	DLC
Toluene - BS	EPA-8260	104			71.7	139	06/08/2020	DLC
Toluene - BSD	EPA-8260	100	4		71.7	139	06/09/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	102			50	150	06/08/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	97.7	4		50	150	06/09/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	96.6			50	150	06/08/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	93.6	3		50	150	06/09/2020	DLC
2-Hexanone - BS	EPA-8260	93.3			50	150	06/08/2020	DLC
2-Hexanone - BSD	EPA-8260	95.0	2		50	150	06/09/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	97.5			50	150	06/08/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	94.4	3		50	150	06/09/2020	DLC
Tetrachloroethylene - BS	EPA-8260	144			50	150	06/08/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	140	2		50	150	06/09/2020	DLC
Dibromochloromethane - BS	EPA-8260	102			50	150	06/08/2020	DLC
Dibromochloromethane - BSD	EPA-8260	98.8	3		50	150	06/09/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	97.1			50	150	06/08/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	94.5	3		50	150	06/09/2020	DLC
Chlorobenzene - BS	EPA-8260	101			73	131	06/08/2020	DLC
Chlorobenzene - BSD	EPA-8260	97.3	4		73	131	06/09/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	101			50	150	06/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
		ALS SDG#:	EV20050143
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

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	97.1	4		50	150	06/09/2020	DLC
Ethylbenzene - BS	EPA-8260	102			50	150	06/08/2020	DLC
Ethylbenzene - BSD	EPA-8260	98.2	4		50	150	06/09/2020	DLC
m,p-Xylene - BS	EPA-8260	102			50	150	06/08/2020	DLC
m,p-Xylene - BSD	EPA-8260	98.1	4		50	150	06/09/2020	DLC
Styrene - BS	EPA-8260	108			50	150	06/08/2020	DLC
Styrene - BSD	EPA-8260	104	4		50	150	06/09/2020	DLC
o-Xylene - BS	EPA-8260	101			50	150	06/08/2020	DLC
o-Xylene - BSD	EPA-8260	97.4	4		50	150	06/09/2020	DLC
Bromoform - BS	EPA-8260	101			50	150	06/08/2020	DLC
Bromoform - BSD	EPA-8260	98.9	2		50	150	06/09/2020	DLC
Isopropylbenzene - BS	EPA-8260	105			50	150	06/08/2020	DLC
Isopropylbenzene - BSD	EPA-8260	101	4		50	150	06/09/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	110			50	150	06/08/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	107	3		50	150	06/09/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	114			50	150	06/08/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	113	1		50	150	06/09/2020	DLC
Bromobenzene - BS	EPA-8260	115			50	150	06/08/2020	DLC
Bromobenzene - BSD	EPA-8260	111	3		50	150	06/09/2020	DLC
N-Propyl Benzene - BS	EPA-8260	113			50	150	06/08/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	109	4		50	150	06/09/2020	DLC
2-Chlorotoluene - BS	EPA-8260	117			50	150	06/08/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	112	4		50	150	06/09/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	108			50	150	06/08/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	104	4		50	150	06/09/2020	DLC
4-Chlorotoluene - BS	EPA-8260	112			50	150	06/08/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	107	4		50	150	06/09/2020	DLC
T-Butyl Benzene - BS	EPA-8260	93.9			50	150	06/08/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	90.2	4		50	150	06/09/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	101			50	150	06/08/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	98.8	3		50	150	06/09/2020	DLC
S-Butyl Benzene - BS	EPA-8260	101			50	150	06/08/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	97.1	4		50	150	06/09/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	110			50	150	06/08/2020	DLC
P-Isopropyltoluene - BSD	EPA-8260	107	3		50	150	06/09/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	102			50	150	06/08/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	98.0	4		50	150	06/09/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	102			50	150	06/08/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	98.8	3		50	150	06/09/2020	DLC
N-Butylbenzene - BS	EPA-8260	104			50	150	06/08/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	6/12/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV20050143
CLIENT PROJECT:	015354 (Formerly 64001)	WDOE ACCREDITATION:	C601

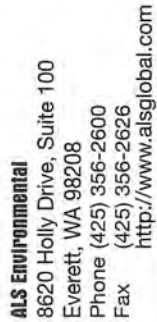
LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	103	1		50	150	06/09/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	104			50	150	06/08/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	101	3		50	150	06/09/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	92.5			50	150	06/08/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	92.9	0		50	150	06/09/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	93.1			50	150	06/08/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	95.3	2		50	150	06/09/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	101			50	150	06/08/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	98.2	2		50	150	06/09/2020	DLC
Naphthalene - BS	EPA-8260	101			50	150	06/08/2020	DLC
Naphthalene - BSD	EPA-8260	105	4		50	150	06/09/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	95.7			50	150	06/08/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	98.7	3		50	150	06/09/2020	DLC

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

<http://www.alsglobal.com>

Date 5/29/20 Page 1 of 2

PROJECT ID:	REPORT TO COMPANY:	PROJECT MANAGER:	ADDRESS:	PHONE:	E-MAIL:	INVOICE TO COMPANY:	ATTENTION:	ADDRESS:
D153SH (Formerly 64001)	TRC	Sean Trimble	1180 NW Maple St Issaquah, WA 98107	425-395-0010	STrimble@trccompanies.com	TRC		
SAMPLE I.D.	DATE	TIME	TYPE	LAB#				
1. MW-21s	5/29/20	0810	GW	1				
2. MW-11		0910		2				
3. MW-26s		0925		3				
4. MW-8s		0940		4				
5. MW-7ir		0945		5				
6. MW-7s		0955		6				
7. MW-1		1000		7				
8. MW-24's		1020		8				
9. MW-15s		1030		9				
10. MW-15i		1036		10				

ANALYSIS REQUESTED

NWTPH-HCID	
NWTPH-DX	
NWTPH-GX	
BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐
MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐
Halogenated Volatiles by EPA 8260	
Volatile Organic Compounds by EPA 8260	X
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 ☐ Pti Pol ☐ TAL ☐	
Metals Other (Specify)	
TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	

OTHER (Specify)

RECEIVED IN GOOD CONTAINERS

NUMBER OF CONTAINERS

1. Relinquished By: [Signature] TRC, 5/29/20, 1250
Received By: [Signature] ALS, 5-29-20 1250

2. Relinquished By: _____
Received By: _____

*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)

CV20080143

Date 5/29/20 Page 2 Of 2

PROJECT ID:	015354 (Formerly 64001)
REPORT TO COMPANY:	TRC
PROJECT MANAGER:	Sean Trimble
ADDRESS:	1180 NW Maple St Issaquah, WA 98027
PHONE:	425-395-0010 P.O. #:
E-MAIL:	STrimble@trccompanies.com
INVOICE TO COMPANY:	TRC
ATTENTION:	
ADDRESS:	

SAMPLE I.D. DATE TIME TYPE LAB#

1. NW-19 5/29/20 1045 GW 11

2. DUP-1 5/29/20 GW 12

3.

4.

5.

6.

7.

8.

9.

10.

ANALYSIS REQUESTED

NWTPH-HCID	
NWTPH-DX	
NWTPH-GX	
BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐
MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐
Halogenated Volatiles by EPA 8260	
Volatile Organic Compounds by EPA 8260	X
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 ☐
Metals Other (Specify)	Pt Pol ☐
TCLP-Metals ☐	VOA ☐
Semi-Vol ☐	Pest ☐
Herbs ☐	

OTHER (Specify)

RECEIVED IN GOOD CONDITION?	
NUMBER OF CONTAINERS	3
	2

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: TRC 5/29/20, 1250

Received By: TRC 5-29-20 1250

2. Relinquished By:

Received By:

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

Specify: ☐ 1 ☐ 2 ☐ 3 ☐ 5 ☐ 10 ☐ SAME DAY

Fuels & Hydrocarbon Analysis

☐ 1 ☐ 3 ☐ 5 ☐ 10 ☐ SAME DAY

*Turnaround request less than standard may incur Rush Charges



August 19, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On August 10th, 8 samples were received by our laboratory and assigned our laboratory project number EV20080048. The project was identified as your 015354 (Formerly 64001). 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

Rick Bagan
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 12:15:00 PM
CLIENT SAMPLE ID	MW-20s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS JOB#:	EV20080048
		ALS SAMPLE#:	EV20080048-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 12:15:00 PM
CLIENT SAMPLE ID	MW-20s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	99.7	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	08/13/2020	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: 8/19/2020
ALS JOB#: EV20080048
ALS SAMPLE#: EV20080048-02
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/10/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/10/2020 1:15:00 PM
CLIENT SAMPLE ID: MW-19
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	0.79	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	8.8	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS JOB#:	EV20080048
		ALS SAMPLE#:	EV20080048-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:15:00 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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/11/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	101	08/13/2020	DLC
Toluene-d8	EPA-8260	99.3	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	08/13/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:25:00 PM
CLIENT SAMPLE ID	MW-18	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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	1.2	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	13	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:25:00 PM
CLIENT SAMPLE ID	MW-18	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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/11/2020	JNF
Chromium	EPA-200.8	42	2.0	1	UG/L	08/18/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	98.9	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	08/13/2020	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: 8/19/2020
ALS JOB#: EV20080048
ALS SAMPLE#: EV20080048-04
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/10/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/10/2020 1:35:00 PM
CLIENT SAMPLE ID: MW-29s
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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:35:00 PM
CLIENT SAMPLE ID	MW-29s	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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	99.9	08/13/2020	DLC
Toluene-d8	EPA-8260	99.0	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	08/13/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 8/19/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20080048
Issaquah, WA 98027 ALS SAMPLE#: EV20080048-05
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 08/10/2020
CLIENT PROJECT: 015354 (Formerly 64001) COLLECTION DATE: 8/10/2020 1:45:00 PM
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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS JOB#:	EV20080048
		ALS SAMPLE#:	EV20080048-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:45:00 PM
CLIENT SAMPLE ID	MW-14	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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	99.1	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	08/13/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 8/19/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20080048
Issaquah, WA 98027 ALS SAMPLE#: EV20080048-06
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 08/10/2020
CLIENT PROJECT: 015354 (Formerly 64001) COLLECTION DATE: 8/10/2020 1:52:00 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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	1.7	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 1:52:00 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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	98.9	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	08/13/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 2:00:00 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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	4.2	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	26	25	1	UG/L	08/14/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS JOB#:	EV20080048
		ALS SAMPLE#:	EV20080048-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020 2:00:00 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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
1,2-Dichloroethane-d4	EPA-8260	113	08/14/2020	DLC
Toluene-d8	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	98.4	08/14/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	107	08/14/2020	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:	8/19/2020
		ALS JOB#:	EV20080048
		ALS SAMPLE#:	EV20080048-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020
CLIENT SAMPLE ID	DUP-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	08/13/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/13/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/13/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/13/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/13/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/19/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080048
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080048-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/10/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/10/2020
CLIENT SAMPLE ID	DUP-1	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	08/13/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/13/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/13/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/13/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	08/13/2020	DLC
Toluene-d8	EPA-8260	99.2	08/13/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	08/13/2020	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:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-081220W - Batch 156392 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	08/12/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Acetone	EPA-8260	U	UG/L	25	08/12/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	08/12/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	08/12/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	08/12/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	08/12/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	08/12/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	08/12/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-081220W - Batch 156392 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	08/12/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	08/12/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/12/2020	DLC

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

MBLK-R366647 - Batch R366647 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	08/11/2020	JNF

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

MB-081320W - Batch 156490 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	08/18/2020	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:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 156392 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	118			50	150	08/12/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	108	9		50	150	08/12/2020	DLC
Chloromethane - BS	EPA-8260	116			50	150	08/12/2020	DLC
Chloromethane - BSD	EPA-8260	105	10		50	150	08/12/2020	DLC
Vinyl Chloride - BS	EPA-8260	121			50	150	08/12/2020	DLC
Vinyl Chloride - BSD	EPA-8260	111	8		50	150	08/12/2020	DLC
Bromomethane - BS	EPA-8260	117			50	150	08/12/2020	DLC
Bromomethane - BSD	EPA-8260	109	7		50	150	08/12/2020	DLC
Chloroethane - BS	EPA-8260	117			50	150	08/12/2020	DLC
Chloroethane - BSD	EPA-8260	108	8		50	150	08/12/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	104			50	150	08/12/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	95.9	8		50	150	08/12/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	122			50	150	08/12/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	113	8		50	150	08/12/2020	DLC
Carbon Disulfide - BS	EPA-8260	116			50	150	08/12/2020	DLC
Carbon Disulfide - BSD	EPA-8260	107	8		50	150	08/12/2020	DLC
Acetone - BS	EPA-8260	95.5			50	150	08/12/2020	DLC
Acetone - BSD	EPA-8260	72.7	27	SR1	50	150	08/12/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	117			72.5	136	08/12/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	107	9		72.5	136	08/12/2020	DLC
Methylene Chloride - BS	EPA-8260	107			50	150	08/12/2020	DLC
Methylene Chloride - BSD	EPA-8260	100	7		50	150	08/12/2020	DLC
Acrylonitrile - BS	EPA-8260	113			50	150	08/12/2020	DLC
Acrylonitrile - BSD	EPA-8260	104	8		50	150	08/12/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	98.0			50	150	08/12/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	92.0	6		50	150	08/12/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	114			50	150	08/12/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	106	7		50	150	08/12/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	113			50	150	08/12/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	105	7		50	150	08/12/2020	DLC
2-Butanone - BS	EPA-8260	94.5			50	150	08/12/2020	DLC
2-Butanone - BSD	EPA-8260	81.7	15		50	150	08/12/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	111			50	150	08/12/2020	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	104	7		50	150	08/12/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	108			50	150	08/12/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	98.9	9		50	150	08/12/2020	DLC
Bromochloromethane - BS	EPA-8260	107			50	150	08/12/2020	DLC
Bromochloromethane - BSD	EPA-8260	101	6		50	150	08/12/2020	DLC
Chloroform - BS	EPA-8260	111			50	150	08/12/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	104	7		50	150	08/12/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	112			50	150	08/12/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	104	7		50	150	08/12/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	113			50	150	08/12/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	105	8		50	150	08/12/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	110			50	150	08/12/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	104	5		50	150	08/12/2020	DLC
Benzene - BS	EPA-8260	114			74.7	143	08/12/2020	DLC
Benzene - BSD	EPA-8260	107	6		74.7	143	08/12/2020	DLC
Trichloroethene - BS	EPA-8260	112			74.4	141	08/12/2020	DLC
Trichloroethene - BSD	EPA-8260	105	7		74.4	141	08/12/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	110			50	150	08/12/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	103	6		50	150	08/12/2020	DLC
Dibromomethane - BS	EPA-8260	97.3			50	150	08/12/2020	DLC
Dibromomethane - BSD	EPA-8260	92.5	5		50	150	08/12/2020	DLC
Bromodichloromethane - BS	EPA-8260	96.0			50	150	08/12/2020	DLC
Bromodichloromethane - BSD	EPA-8260	91.0	5		50	150	08/12/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	94.9			50	150	08/12/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	89.9	5		50	150	08/12/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	98.4			50	150	08/12/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	93.1	6		50	150	08/12/2020	DLC
Toluene - BS	EPA-8260	113			71.7	139	08/12/2020	DLC
Toluene - BSD	EPA-8260	106	6		71.7	139	08/12/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	97.1			50	150	08/12/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	91.9	5		50	150	08/12/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	94.2			50	150	08/12/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	89.9	5		50	150	08/12/2020	DLC
2-Hexanone - BS	EPA-8260	95.1			50	150	08/12/2020	DLC
2-Hexanone - BSD	EPA-8260	88.6	7		50	150	08/12/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	94.0			50	150	08/12/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	89.7	5		50	150	08/12/2020	DLC
Tetrachloroethylene - BS	EPA-8260	128			50	150	08/12/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	104	21		50	150	08/12/2020	DLC
Dibromochloromethane - BS	EPA-8260	97.5			50	150	08/12/2020	DLC
Dibromochloromethane - BSD	EPA-8260	92.5	5		50	150	08/12/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	90.2			50	150	08/12/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	85.7	5		50	150	08/12/2020	DLC
Chlorobenzene - BS	EPA-8260	107			73	131	08/12/2020	DLC
Chlorobenzene - BSD	EPA-8260	102	6		73	131	08/12/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	108			50	150	08/12/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

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	102	5		50	150	08/12/2020	DLC
Ethylbenzene - BS	EPA-8260	110			50	150	08/12/2020	DLC
Ethylbenzene - BSD	EPA-8260	104	6		50	150	08/12/2020	DLC
m,p-Xylene - BS	EPA-8260	109			50	150	08/12/2020	DLC
m,p-Xylene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
Styrene - BS	EPA-8260	97.0			50	150	08/12/2020	DLC
Styrene - BSD	EPA-8260	92.0	5		50	150	08/12/2020	DLC
o-Xylene - BS	EPA-8260	108			50	150	08/12/2020	DLC
o-Xylene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
Bromoform - BS	EPA-8260	96.0			50	150	08/12/2020	DLC
Bromoform - BSD	EPA-8260	92.0	4		50	150	08/12/2020	DLC
Isopropylbenzene - BS	EPA-8260	109			50	150	08/12/2020	DLC
Isopropylbenzene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	91.5			50	150	08/12/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	88.3	4		50	150	08/12/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	88.9			50	150	08/12/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	84.6	5		50	150	08/12/2020	DLC
Bromobenzene - BS	EPA-8260	107			50	150	08/12/2020	DLC
Bromobenzene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
N-Propyl Benzene - BS	EPA-8260	109			50	150	08/12/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
2-Chlorotoluene - BS	EPA-8260	109			50	150	08/12/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	103	6		50	150	08/12/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	108			50	150	08/12/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	102	6		50	150	08/12/2020	DLC
4-Chlorotoluene - BS	EPA-8260	107			50	150	08/12/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	101	6		50	150	08/12/2020	DLC
T-Butyl Benzene - BS	EPA-8260	104			50	150	08/12/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	97.5	6		50	150	08/12/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	106			50	150	08/12/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	101	6		50	150	08/12/2020	DLC
S-Butyl Benzene - BS	EPA-8260	109			50	150	08/12/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	103	6		50	150	08/12/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	108			50	150	08/12/2020	DLC
P-Isopropyltoluene - BSD	EPA-8260	101	7		50	150	08/12/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	106			50	150	08/12/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	99.7	6		50	150	08/12/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	93.8			50	150	08/12/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	88.5	6		50	150	08/12/2020	DLC
N-Butylbenzene - BS	EPA-8260	107			50	150	08/12/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/19/2020
		ALS SDG#:	EV20080048
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	100	6		50	150	08/12/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	94.4			50	150	08/12/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	90.2	5		50	150	08/12/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	94.3			50	150	08/12/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	89.1	6		50	150	08/12/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	97.9			50	150	08/12/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	93.4	5		50	150	08/12/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	98.5			50	150	08/12/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	91.9	7		50	150	08/12/2020	DLC
Naphthalene - BS	EPA-8260	106			50	150	08/12/2020	DLC
Naphthalene - BSD	EPA-8260	104	2		50	150	08/12/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	95.4			50	150	08/12/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	91.5	4		50	150	08/12/2020	DLC

SR1 - RPD outside of control limits.

ALS Test Batch ID: R366647 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	101			90	114	08/11/2020	JNF
Chromium (VI) - BSD	EPA-7196	101	0		90	114	08/11/2020	JNF

ALS Test Batch ID: 156490 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	95.1			88.3	110.2	08/18/2020	RAL
Chromium - BSD	EPA-200.8	97.5	3		88.3	110.2	08/18/2020	RAL

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

EV20080048

<http://www.alsglobal.com>

Date 8/10/20 Page 1 Of 1

PROJECT ID: 015354 (Formerly 641001)										REPORT TO: TRC										PROJECT MANAGER: Sean Trimble										ADDRESS: 1180 NW Maple St, Issaquah, WA										PHONE: P.O. #:										E-MAIL: STrimble@trccompanies.com										INVOICE TO COMPANY:										ATTENTION:										ADDRESS:									
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1. Relinquished By: EW / TRC / 8/10/20 / 1420
Received By: BB / ACS 8-10-20 / 1420

2. Relinquished By: _____
Received By: _____

Fuels & Hydrocarbon Analysis

*Turnaround request less than standard may incur Rush Charges



August 20, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On August 11th, 14 samples were received by our laboratory and assigned our laboratory project number EV20080056. The project was identified as your 015354 (Formerly 64001). 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

Rick Bagan
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 8:37:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	8.6	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	45	20	10	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	13	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-01
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/11/2020 8:37:00 AM
CLIENT SAMPLE ID: SBW-2
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/12/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	08/17/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	110	08/17/2020	DLC
Toluene-d8	EPA-8260	98.1	08/17/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	98.2	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	103	08/17/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:21:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	17	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:21:00 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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chromium (VI)	EPA-7196	72	10	1	UG/L	08/12/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	08/17/2020	DLC
Toluene-d8	EPA-8260	98.8	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:35:00 AM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	1.0	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	13	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:35:00 AM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	08/17/2020	DLC
Toluene-d8	EPA-8260	98.5	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	08/17/2020	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:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:45:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.1	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	6.0	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 9:45:00 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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chromium (VI)	EPA-7196	34	10	1	UG/L	08/12/2020	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	08/17/2020	DLC
Toluene-d8	EPA-8260	98.4	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	08/17/2020	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:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 10:15:00 AM
CLIENT SAMPLE ID	SBW-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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-05
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/11/2020 10:15:00 AM
CLIENT SAMPLE ID: SBW-4
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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	110	08/17/2020	DLC
Toluene-d8	EPA-8260	98.1	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	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:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 11:00:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	39	2.0	10	UG/L	08/18/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	2.5	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	55	20	10	UG/L	08/18/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	12	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 11:00:00 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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	110	08/17/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	111	08/18/2020	DLC
Toluene-d8	EPA-8260	97.8	08/17/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	98.4	08/18/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	104	08/18/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 11:33:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	2.5	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 11:33:00 AM
CLIENT SAMPLE ID	SBW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	110	08/17/2020	DLC
Toluene-d8	EPA-8260	98.4	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	08/17/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 12:15:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	33	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	56	20	10	UG/L	08/18/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 8/20/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20080056
Issaquah, WA 98027 ALS SAMPLE#: EV20080056-08
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001) COLLECTION DATE: 8/11/2020 12:15:00 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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	08/17/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	111	08/18/2020	DLC
Toluene-d8	EPA-8260	99.0	08/17/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	97.8	08/18/2020	DLC
4-Bromofluorobenzene	EPA-8260	106	08/17/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	103	08/18/2020	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: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-09
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/11/2020 12:55:00 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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	0.50	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-09
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 12:55:00 PM
CLIENT SAMPLE ID	MW-7ir	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	110	08/17/2020	DLC
Toluene-d8	EPA-8260	100	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	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: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-10
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/11/2020 1:25:00 PM
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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	1.5	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-10
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 1:25:00 PM
CLIENT SAMPLE ID	MW-1	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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	111	08/17/2020	DLC
Toluene-d8	EPA-8260	98.6	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	08/17/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-11
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 1:40:00 PM
CLIENT SAMPLE ID	MW-24s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	2.7	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	4.1	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
CLIENT CONTACT:	Sean Trimble	ALS JOB#:	EV20080056
CLIENT PROJECT:	015354 (Formerly 64001)	ALS SAMPLE#:	EV20080056-11
CLIENT SAMPLE ID	MW-24s	DATE RECEIVED:	08/11/2020
		COLLECTION DATE:	8/11/2020 1:40:00 PM
		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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	111	08/17/2020	DLC
Toluene-d8	EPA-8260	98.0	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	08/17/2020	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: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-12
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 08/11/2020
CLIENT PROJECT: 015354 (Formerly 64001)
COLLECTION DATE: 8/11/2020 2:00:00 PM
CLIENT SAMPLE ID: MW-21s
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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 2:00:00 PM
CLIENT SAMPLE ID	MW-21s	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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	111	08/17/2020	DLC
Toluene-d8	EPA-8260	98.1	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	08/17/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	8/20/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20080056
	Issaquah, WA 98027	ALS SAMPLE#:	EV20080056-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 2:15:00 PM
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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	4.4	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	8.9	2.0	1	UG/L	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	14	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020 2:15:00 PM
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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	08/12/2020	JNF
Chromium	EPA-200.8	39	2.0	1	UG/L	08/18/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	111	08/17/2020	DLC
Toluene-d8	EPA-8260	98.4	08/17/2020	DLC
4-Bromofluorobenzene	EPA-8260	105	08/17/2020	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: 8/20/2020
ALS JOB#: EV20080056
ALS SAMPLE#: EV20080056-14

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354 (Formerly 64001)

DATE RECEIVED: 08/11/2020
COLLECTION DATE: 8/11/2020

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	08/17/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Vinyl Chloride	EPA-8260	33	0.20	1	UG/L	08/17/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	57	20	10	UG/L	08/18/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS JOB#:	EV20080056
		ALS SAMPLE#:	EV20080056-14
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	08/11/2020
CLIENT PROJECT:	015354 (Formerly 64001)	COLLECTION DATE:	8/11/2020
CLIENT SAMPLE ID	DUP-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	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	08/17/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	08/17/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	08/17/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	111	08/18/2020	DLC
Toluene-d8	EPA-8260	98.7	08/17/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	98.1	08/18/2020	DLC
4-Bromofluorobenzene	EPA-8260	104	08/17/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	103	08/18/2020	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: 8/20/2020
ALS SDG#: EV20080056
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354 (Formerly 64001)

LABORATORY BLANK RESULTS

MB-081720W - Batch 156581 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	08/17/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Acetone	EPA-8260	U	UG/L	25	08/17/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	08/17/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	08/17/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	08/17/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	08/17/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	08/17/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	08/17/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS SDG#:	EV20080056
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY BLANK RESULTS

MB-081720W - Batch 156581 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	08/17/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	08/17/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	08/17/2020	DLC

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

MBLK-R366645 - Batch R366645 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	08/12/2020	JNF

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

MB-081320W - Batch 156490 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	08/18/2020	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:	8/20/2020
		ALS SDG#:	EV20080056
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 156581 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	73.7			50	150	08/17/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	67.8	8		50	150	08/17/2020	DLC
Chloromethane - BS	EPA-8260	103			50	150	08/17/2020	DLC
Chloromethane - BSD	EPA-8260	97.4	5		50	150	08/17/2020	DLC
Vinyl Chloride - BS	EPA-8260	107			50	150	08/17/2020	DLC
Vinyl Chloride - BSD	EPA-8260	97.9	9		50	150	08/17/2020	DLC
Bromomethane - BS	EPA-8260	95.0			50	150	08/17/2020	DLC
Bromomethane - BSD	EPA-8260	88.5	7		50	150	08/17/2020	DLC
Chloroethane - BS	EPA-8260	106			50	150	08/17/2020	DLC
Chloroethane - BSD	EPA-8260	100	6		50	150	08/17/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	96.7			50	150	08/17/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	90.7	6		50	150	08/17/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	113			50	150	08/17/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	104	8		50	150	08/17/2020	DLC
Carbon Disulfide - BS	EPA-8260	107			50	150	08/17/2020	DLC
Carbon Disulfide - BSD	EPA-8260	99.5	7		50	150	08/17/2020	DLC
Acetone - BS	EPA-8260	99.7			50	150	08/17/2020	DLC
Acetone - BSD	EPA-8260	95.9	4		50	150	08/17/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	111			72.5	136	08/17/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	103	7		72.5	136	08/17/2020	DLC
Methylene Chloride - BS	EPA-8260	98.6			50	150	08/17/2020	DLC
Methylene Chloride - BSD	EPA-8260	94.7	4		50	150	08/17/2020	DLC
Acrylonitrile - BS	EPA-8260	109			50	150	08/17/2020	DLC
Acrylonitrile - BSD	EPA-8260	102	7		50	150	08/17/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	95.9			50	150	08/17/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	93.5	3		50	150	08/17/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	106			50	150	08/17/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	101	5		50	150	08/17/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	109			50	150	08/17/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	104	5		50	150	08/17/2020	DLC
2-Butanone - BS	EPA-8260	106			50	150	08/17/2020	DLC
2-Butanone - BSD	EPA-8260	102	3		50	150	08/17/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	106			50	150	08/17/2020	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	101	4		50	150	08/17/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	127			50	150	08/17/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	116	9		50	150	08/17/2020	DLC
Bromochloromethane - BS	EPA-8260	107			50	150	08/17/2020	DLC
Bromochloromethane - BSD	EPA-8260	104	3		50	150	08/17/2020	DLC
Chloroform - BS	EPA-8260	110			50	150	08/17/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
		ALS SDG#:	EV20080056
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354 (Formerly 64001)		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	105	5		50	150	08/17/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	108			50	150	08/17/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	101	7		50	150	08/17/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	109			50	150	08/17/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	102	7		50	150	08/17/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	114			50	150	08/17/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	110	4		50	150	08/17/2020	DLC
Benzene - BS	EPA-8260	114			74.7	143	08/17/2020	DLC
Benzene - BSD	EPA-8260	108	6		74.7	143	08/17/2020	DLC
Trichloroethene - BS	EPA-8260	113			74.4	141	08/17/2020	DLC
Trichloroethene - BSD	EPA-8260	107	6		74.4	141	08/17/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	112			50	150	08/17/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	107	5		50	150	08/17/2020	DLC
Dibromomethane - BS	EPA-8260	99.4			50	150	08/17/2020	DLC
Dibromomethane - BSD	EPA-8260	95.8	4		50	150	08/17/2020	DLC
Bromodichloromethane - BS	EPA-8260	100			50	150	08/17/2020	DLC
Bromodichloromethane - BSD	EPA-8260	95.4	5		50	150	08/17/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	102			50	150	08/17/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	96.1	6		50	150	08/17/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	103			50	150	08/17/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	100	3		50	150	08/17/2020	DLC
Toluene - BS	EPA-8260	113			71.7	139	08/17/2020	DLC
Toluene - BSD	EPA-8260	108	5		71.7	139	08/17/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	103			50	150	08/17/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	98.0	5		50	150	08/17/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	96.8			50	150	08/17/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	92.9	4		50	150	08/17/2020	DLC
2-Hexanone - BS	EPA-8260	106			50	150	08/17/2020	DLC
2-Hexanone - BSD	EPA-8260	102	4		50	150	08/17/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	96.6			50	150	08/17/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	92.5	4		50	150	08/17/2020	DLC
Tetrachloroethylene - BS	EPA-8260	127			50	150	08/17/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	118	8		50	150	08/17/2020	DLC
Dibromochloromethane - BS	EPA-8260	96.5			50	150	08/17/2020	DLC
Dibromochloromethane - BSD	EPA-8260	92.1	5		50	150	08/17/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	90.4			50	150	08/17/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	87.2	4		50	150	08/17/2020	DLC
Chlorobenzene - BS	EPA-8260	106			73	131	08/17/2020	DLC
Chlorobenzene - BSD	EPA-8260	99.8	6		73	131	08/17/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	107			50	150	08/17/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: 8/20/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#: EV20080056
CLIENT PROJECT:	015354 (Formerly 64001)	WDOE ACCREDITATION: C601

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	101	6		50	150	08/17/2020	DLC
Ethylbenzene - BS	EPA-8260	110			50	150	08/17/2020	DLC
Ethylbenzene - BSD	EPA-8260	103	7		50	150	08/17/2020	DLC
m,p-Xylene - BS	EPA-8260	107			50	150	08/17/2020	DLC
m,p-Xylene - BSD	EPA-8260	100	6		50	150	08/17/2020	DLC
Styrene - BS	EPA-8260	95.3			50	150	08/17/2020	DLC
Styrene - BSD	EPA-8260	89.8	6		50	150	08/17/2020	DLC
o-Xylene - BS	EPA-8260	106			50	150	08/17/2020	DLC
o-Xylene - BSD	EPA-8260	99.7	6		50	150	08/17/2020	DLC
Bromoform - BS	EPA-8260	94.4			50	150	08/17/2020	DLC
Bromoform - BSD	EPA-8260	90.7	4		50	150	08/17/2020	DLC
Isopropylbenzene - BS	EPA-8260	107			50	150	08/17/2020	DLC
Isopropylbenzene - BSD	EPA-8260	99.5	7		50	150	08/17/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	100			50	150	08/17/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	96.3	4		50	150	08/17/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	96.4			50	150	08/17/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	92.7	4		50	150	08/17/2020	DLC
Bromobenzene - BS	EPA-8260	110			50	150	08/17/2020	DLC
Bromobenzene - BSD	EPA-8260	104	6		50	150	08/17/2020	DLC
N-Propyl Benzene - BS	EPA-8260	117			50	150	08/17/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	109	7		50	150	08/17/2020	DLC
2-Chlorotoluene - BS	EPA-8260	118			50	150	08/17/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	111	6		50	150	08/17/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	115			50	150	08/17/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	107	7		50	150	08/17/2020	DLC
4-Chlorotoluene - BS	EPA-8260	115			50	150	08/17/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	108	7		50	150	08/17/2020	DLC
T-Butyl Benzene - BS	EPA-8260	108			50	150	08/17/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	101	7		50	150	08/17/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	115			50	150	08/17/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	108	6		50	150	08/17/2020	DLC
S-Butyl Benzene - BS	EPA-8260	116			50	150	08/17/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	108	8		50	150	08/17/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	113			50	150	08/17/2020	DLC
P-Isopropyltoluene - BSD	EPA-8260	105	8		50	150	08/17/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	109			50	150	08/17/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	103	6		50	150	08/17/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	96.8			50	150	08/17/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	91.6	6		50	150	08/17/2020	DLC
N-Butylbenzene - BS	EPA-8260	117			50	150	08/17/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	8/20/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV20080056
CLIENT PROJECT:	015354 (Formerly 64001)	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	108	8		50	150	08/17/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	98.2			50	150	08/17/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	93.0	5		50	150	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	104			50	150	08/17/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	101	3		50	150	08/17/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	99.1			50	150	08/17/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	95.0	4		50	150	08/17/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	97.5			50	150	08/17/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	90.0	8		50	150	08/17/2020	DLC
Naphthalene - BS	EPA-8260	107			50	150	08/17/2020	DLC
Naphthalene - BSD	EPA-8260	109	2		50	150	08/17/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	96.4			50	150	08/17/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	93.4	3		50	150	08/17/2020	DLC

ALS Test Batch ID: R366645 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	99.0			90	114	08/12/2020	JNF
Chromium (VI) - BSD	EPA-7196	99.0	0		90	114	08/12/2020	JNF

ALS Test Batch ID: 156490 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	95.1			88.3	110.2	08/18/2020	RAL
Chromium - BSD	EPA-200.8	97.5	3		88.3	110.2	08/18/2020	RAL

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

2500800717

Date 8/11/20 Page 1 Of 2

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*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)

EV20080056

Date 8/11/20 Page 2 Of 2

PROJECT ID: D15354 (Formerly 64001)					ANALYSIS REQUESTED										OTHER (Specify)									
REPORT TO COMPANY: TRC					TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐																			
PROJECT MANAGER: Sean Trimble					Metals Other (Specify)																			
ADDRESS: 1180 NW Maple st Issaquah, WA					Metals-MTCA-5 ☐ RCRA-8 ☐ P4 Pol ☐ TAL ☐																			
PHONE:					PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐																			
E-MAIL: STrimble@trccompanies.com					Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM																			
INVOICE TO COMPANY: TRC					Semivolatile Organic Compounds by EPA 8270																			
ATTENTION:					EDB / EDC by EPA 8260 (soil)																			
ADDRESS:					EDB / EDC by EPA 8260 SIM (water)																			
					Volatile Organic Compounds by EPA 8260																			
					Halogenated Volatiles by EPA 8260																			
					MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐																			
					BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐																			
					NMTPH-GX																			
					NMTPH-DX																			
					NMTPH-HCID																			
SAMPLE I.D.					DATE		TIME		TYPE		LAB#													
1. MW-245					8/11/20		1340		H2O		11													
2. MW-215					8/11/20		1400		↓		12													
3. MW-3					8/11/20		1415		↓		13													
4. DUP-2					8/11/20		---		▽		14													
5.					8/11/20		*																	
6.																								
7.																								
8.																								
9.																								
10.																								

NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
3	
3	
5	
2	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Sean Trimble / TRC / 8/11/20 / 1434
Received By: Bob Bates ALS 8-11-20 1434
2. Relinquished By: _____
Received By: _____

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

10	5	3	2	1
Standard	5	3	2	1
	5	3	2	1
	5	3	2	1

Fuels & Hydrocarbon Analysis

*Turnaround request less than standard may incur Rush Charges



December 9, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On November 25th, 4 samples were received by our laboratory and assigned our laboratory project number EV20110168. 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

Glen Perry
Laboratory Director

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/9/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20110168
	Issaquah, WA 98027	ALS SAMPLE#:	EV20110168-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	11/25/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/25/2020 9:17:00 AM
CLIENT SAMPLE ID	MW-16	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Cadmium	EPA-200.8	8.6	1.0	1	UG/L	12/01/2020	RAL
Nickel	EPA-200.8	5.3	2.0	1	UG/L	12/01/2020	RAL
Zinc	EPA-200.8	79	2.5	1	UG/L	12/01/2020	RAL

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/9/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20110168
	Issaquah, WA 98027	ALS SAMPLE#:	EV20110168-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	11/25/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/25/2020 10:43:00 AM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Cadmium	EPA-200.8	2.0	1.0	1	UG/L	12/01/2020	RAL

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/9/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20110168
	Issaquah, WA 98027	ALS SAMPLE#:	EV20110168-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	11/25/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/25/2020 11:42:00 AM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	11/30/2020	KLS

SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	99.4				11/30/2020	KLS

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

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/9/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20110168
	Issaquah, WA 98027	ALS SAMPLE#:	EV20110168-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	11/25/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/25/2020 12:18:00 PM
CLIENT SAMPLE ID	MW-07	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	11/30/2020	KLS

SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	98.6				11/30/2020	KLS

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:	12/9/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV20110168
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MBG-113020W - Batch 160209 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	11/30/2020	KLS

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

MB-113020W - Batch 160342 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Cadmium	EPA-200.8	U	UG/L	1.0	12/01/2020	RAL
Nickel	EPA-200.8	U	UG/L	2.0	12/01/2020	RAL
Zinc	EPA-200.8	U	UG/L	2.5	12/01/2020	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:	12/9/2020
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV20110168
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS
ALS Test Batch ID: 160209 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	86.2			66.5	122.7	11/30/2020	KLS
TPH-Volatile Range - BSD	NWTPH-GX	93.2	8		66.5	122.7	11/30/2020	KLS

ALS Test Batch ID: 160342 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Cadmium - BS	EPA-200.8	99.0			89.4	110	12/01/2020	RAL
Cadmium - BSD	EPA-200.8	98.3	1		89.4	110	12/01/2020	RAL
Nickel - BS	EPA-200.8	94.3			85.4	109	12/01/2020	RAL
Nickel - BSD	EPA-200.8	94.2	0		85.4	109	12/01/2020	RAL
Zinc - BS	EPA-200.8	97.7			88.2	111	12/01/2020	RAL
Zinc - BSD	EPA-200.8	97.1	1		88.2	111	12/01/2020	RAL

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

<http://www.alsglobal.com>

Date 11/25/20 Page 1 Of 1[illegible]

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Wanda Taylor, TDC, 11/25/06 1258

Received By: Wanda Taylor AS 11-25-20 1258

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

Fuels & Hydrocarbon Analysis

*Turnaround request less than standard may incur Rush Charges



December 11, 2020

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

Dear Ms. Esparra,

On December 1st, 17 samples were received by our laboratory and assigned our laboratory project number EV20120013. 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

Glen Perry
Laboratory Director

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 1:42:00 PM
CLIENT SAMPLE ID	MW-05s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/03/2020	KLS

SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	94.1				12/03/2020	KLS

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:00:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	0.58	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	12	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:00:00 PM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	12/07/2020	DLC
Toluene-d8	EPA-8260	102	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	103	12/07/2020	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:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-03
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:10:00 PM
CLIENT SAMPLE ID	MW-21s	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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV20120013
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV20120013-03
CLIENT SAMPLE ID	MW-21s	DATE RECEIVED:	12/01/2020
		COLLECTION DATE:	11/30/2020 2:10:00 PM
		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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	12/07/2020	DLC
Toluene-d8	EPA-8260	101	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	12/07/2020	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:	12/11/2020
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV20120013
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV20120013-04
CLIENT SAMPLE ID	MW-24s	DATE RECEIVED:	12/01/2020
		COLLECTION DATE:	11/30/2020 2:15:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	2.2	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	5.2	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:15:00 PM
CLIENT SAMPLE ID	MW-24s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
Toluene-d8	EPA-8260	100	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-05
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:35:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	1.8	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV20120013-05
CLIENT PROJECT:	015354	DATE RECEIVED:	12/01/2020
CLIENT SAMPLE ID	MW-15i	COLLECTION DATE:	11/30/2020 2:35:00 PM
		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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	12/07/2020	DLC
Toluene-d8	EPA-8260	100	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-06
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:40:00 PM
CLIENT SAMPLE ID	MW-19	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	1.8	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.2	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV20120013-06
CLIENT PROJECT:	015354	DATE RECEIVED:	12/01/2020
CLIENT SAMPLE ID	MW-19	COLLECTION DATE:	11/30/2020 2:40:00 PM
		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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
Toluene-d8	EPA-8260	100	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-07
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:46:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	0.92	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-07
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:46:00 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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
Toluene-d8	EPA-8260	101	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	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:	12/11/2020
		ALS JOB#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV20120013-08
CLIENT PROJECT:	015354	DATE RECEIVED:	12/01/2020
CLIENT SAMPLE ID	MW-7ir	COLLECTION DATE:	11/30/2020 2:50:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	0.51	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-08
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	11/30/2020 2:50:00 PM
CLIENT SAMPLE ID	MW-7ir	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
Toluene-d8	EPA-8260	99.1	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	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:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-09
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 9:12:00 AM
CLIENT SAMPLE ID	MW-29s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/03/2020	KLS

SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	97.2				12/03/2020	KLS

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:	12/11/2020
CLIENT CONTACT:	Mariem Esparra	ALS JOB#:	EV20120013
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV20120013-10
CLIENT SAMPLE ID	MW-1	DATE RECEIVED:	12/01/2020
		COLLECTION DATE:	12/1/2020 11:15:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	3.3	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	8.6	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	4.4	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-10
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 11:15:00 AM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cadmium	EPA-200.8	U	1.0	1	UG/L	12/04/2020	RAL
Nickel	EPA-200.8	13	2.0	1	UG/L	12/04/2020	RAL
Zinc	EPA-200.8	1400	2.5	1	UG/L	12/04/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	12/07/2020	DLC
Toluene-d8	EPA-8260	99.8	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 11:40:00 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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	60	2.0	10	UG/L	12/08/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	2.3	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	26	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	6.7	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 11:40:00 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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	12/07/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	106	12/08/2020	DLC
Toluene-d8	EPA-8260	101	12/07/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	99.3	12/08/2020	DLC
4-Bromofluorobenzene	EPA-8260	102	12/07/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	101	12/08/2020	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:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 12:35:00 PM
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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	0.21	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	3.5	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	4.0	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 12:35:00 PM
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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	12/07/2020	DLC
Toluene-d8	EPA-8260	98.9	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	100	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-13
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 1:10:00 PM
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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	6.8	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-13
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 1:10:00 PM
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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	12/01/2020	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
Toluene-d8	EPA-8260	98.9	12/07/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 12/11/2020
1180 NW Maple St, Suite 310 ALS JOB#: EV20120013
Issaquah, WA 98027 ALS SAMPLE#: EV20120013-14
CLIENT CONTACT: Mariem Esparra DATE RECEIVED: 12/01/2020
CLIENT PROJECT: 015354 COLLECTION DATE: 12/1/2020 1:42:00 PM
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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	11	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	36	2.0	1	UG/L	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	88	20	10	UG/L	12/08/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-14
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 1:42:00 PM
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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	12/01/2020	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	12/07/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	108	12/08/2020	DLC
Toluene-d8	EPA-8260	99.2	12/07/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	99.4	12/08/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/07/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	102	12/08/2020	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 2:21:00 PM
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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	12	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	74	20	10	UG/L	12/08/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	91	20	10	UG/L	12/08/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 2:21:00 PM
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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	12/01/2020	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	12/04/2020	RAL
Chromium	EPA-200.8	U	2.0	1	UG/L	12/04/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	12/07/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	106	12/08/2020	DLC
Toluene-d8	EPA-8260	98.1	12/07/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	101	12/08/2020	DLC
4-Bromofluorobenzene	EPA-8260	99.7	12/07/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	102	12/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 2:21:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

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:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-16
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020 2:56:00 PM
CLIENT SAMPLE ID	MW-18	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	12/01/2020	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	12/04/2020	RAL
Chromium	EPA-200.8	U	2.0	1	UG/L	12/04/2020	RAL
Nickel	EPA-200.8	U	2.0	1	UG/L	12/04/2020	RAL
Zinc	EPA-200.8	U	2.5	1	UG/L	12/04/2020	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:	12/11/2020
		ALS JOB#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	ALS SAMPLE#:	EV20120013-17
CLIENT PROJECT:	015354	DATE RECEIVED:	12/01/2020
CLIENT SAMPLE ID	DUP-1	COLLECTION DATE:	12/1/2020
		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	12/07/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Vinyl Chloride	EPA-8260	12	0.20	1	UG/L	12/07/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	78	20	10	UG/L	12/08/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trichloroethene	EPA-8260	98	20	10	UG/L	12/08/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120013
		ALS SAMPLE#:	EV20120013-17
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020
CLIENT SAMPLE ID	DUP-1	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	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/07/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/07/2020	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	12/01/2020	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	12/04/2020	RAL
Chromium	EPA-200.8	U	2.0	1	UG/L	12/04/2020	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	12/07/2020	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	108	12/08/2020	DLC
Toluene-d8	EPA-8260	97.8	12/07/2020	DLC
Toluene-d8 10X Dilution	EPA-8260	99.4	12/08/2020	DLC
4-Bromofluorobenzene	EPA-8260	100	12/07/2020	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	99.8	12/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120013
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120013-17
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	12/01/2020
CLIENT PROJECT:	015354	COLLECTION DATE:	12/1/2020
CLIENT SAMPLE ID	DUP-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

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:	12/11/2020
		ALS SDG#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY BLANK RESULTS

MBG-120320W - Batch 160313 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	12/03/2020	KLS

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

MB-120720W - Batch 160570 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	12/07/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Acetone	EPA-8260	U	UG/L	25	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS SDG#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY BLANK RESULTS

MB-120720W - Batch 160570 - Water by EPA-8260

1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	12/07/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC

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

MBLK-R374076 - Batch R374076 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	12/01/2020	EBS

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
CLIENT CONTACT:	Mariem Esparra	ALS SDG#:	EV20120013
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MBLK-R374076 - Batch R374076 - Water by EPA-7196

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

MB-120420W - Batch 160397 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Cadmium	EPA-200.8	U	UG/L	1.0	12/04/2020	RAL
Chromium	EPA-200.8	U	UG/L	2.0	12/04/2020	RAL
Nickel	EPA-200.8	U	UG/L	2.0	12/04/2020	RAL
Zinc	EPA-200.8	U	UG/L	2.5	12/04/2020	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:	12/11/2020
		ALS SDG#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 160313 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	94.6			66.5	122.7	12/03/2020	KLS
TPH-Volatile Range - BSD	NWTPH-GX	97.0	2		66.5	122.7	12/03/2020	KLS

ALS Test Batch ID: 160570 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	130			50	150	12/07/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	120	8		50	150	12/07/2020	DLC
Chloromethane - BS	EPA-8260	110			50	150	12/07/2020	DLC
Chloromethane - BSD	EPA-8260	105	4		50	150	12/07/2020	DLC
Vinyl Chloride - BS	EPA-8260	122			50	150	12/07/2020	DLC
Vinyl Chloride - BSD	EPA-8260	114	6		50	150	12/07/2020	DLC
Bromomethane - BS	EPA-8260	105			50	150	12/07/2020	DLC
Bromomethane - BSD	EPA-8260	103	2		50	150	12/07/2020	DLC
Chloroethane - BS	EPA-8260	111			50	150	12/07/2020	DLC
Chloroethane - BSD	EPA-8260	107	4		50	150	12/07/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	117			50	150	12/07/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	110	6		50	150	12/07/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	132			50	150	12/07/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	123	7		50	150	12/07/2020	DLC
Carbon Disulfide - BS	EPA-8260	112			50	150	12/07/2020	DLC
Carbon Disulfide - BSD	EPA-8260	107	5		50	150	12/07/2020	DLC
Acetone - BS	EPA-8260	115			50	150	12/07/2020	DLC
Acetone - BSD	EPA-8260	111	4		50	150	12/07/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	119			72.5	136	12/07/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	113	5		72.5	136	12/07/2020	DLC
Methylene Chloride - BS	EPA-8260	99.7			50	150	12/07/2020	DLC
Methylene Chloride - BSD	EPA-8260	102	2		50	150	12/07/2020	DLC
Acrylonitrile - BS	EPA-8260	122			50	150	12/07/2020	DLC
Acrylonitrile - BSD	EPA-8260	116	5		50	150	12/07/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	108			50	150	12/07/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	109	1		50	150	12/07/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	113			50	150	12/07/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	109	3		50	150	12/07/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	109			50	150	12/07/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	107	2		50	150	12/07/2020	DLC
2-Butanone - BS	EPA-8260	110			50	150	12/07/2020	DLC
2-Butanone - BSD	EPA-8260	108	2		50	150	12/07/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	109			50	150	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 12/11/2020
ALS SDG#: EV20120013
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		
Cis-1,2-Dichloroethene - BSD	EPA-8260	107	1		50	150	12/07/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	137			50	150	12/07/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	129	6		50	150	12/07/2020	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	12/07/2020	DLC
Bromochloromethane - BSD	EPA-8260	103	0		50	150	12/07/2020	DLC
Chloroform - BS	EPA-8260	106			50	150	12/07/2020	DLC
Chloroform - BSD	EPA-8260	105	1		50	150	12/07/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	122			50	150	12/07/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	116	5		50	150	12/07/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	118			50	150	12/07/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	112	5		50	150	12/07/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	114			50	150	12/07/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	114	1		50	150	12/07/2020	DLC
Benzene - BS	EPA-8260	110			74.7	143	12/07/2020	DLC
Benzene - BSD	EPA-8260	108	2		74.7	143	12/07/2020	DLC
Trichloroethene - BS	EPA-8260	113			74.4	141	12/07/2020	DLC
Trichloroethene - BSD	EPA-8260	110	3		74.4	141	12/07/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	108			50	150	12/07/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	107	0		50	150	12/07/2020	DLC
Dibromomethane - BS	EPA-8260	111			50	150	12/07/2020	DLC
Dibromomethane - BSD	EPA-8260	111	1		50	150	12/07/2020	DLC
Bromodichloromethane - BS	EPA-8260	114			50	150	12/07/2020	DLC
Bromodichloromethane - BSD	EPA-8260	114	0		50	150	12/07/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	118			50	150	12/07/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	122	4		50	150	12/07/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	110			50	150	12/07/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	112	2		50	150	12/07/2020	DLC
Toluene - BS	EPA-8260	115			71.7	139	12/07/2020	DLC
Toluene - BSD	EPA-8260	113	2		71.7	139	12/07/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	106			50	150	12/07/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	106	0		50	150	12/07/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	111	4		50	150	12/07/2020	DLC
2-Hexanone - BS	EPA-8260	127			50	150	12/07/2020	DLC
2-Hexanone - BSD	EPA-8260	130	3		50	150	12/07/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	109			50	150	12/07/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	113	4		50	150	12/07/2020	DLC
Tetrachloroethylene - BS	EPA-8260	93.9			50	150	12/07/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	101	7		50	150	12/07/2020	DLC
Dibromochloromethane - BS	EPA-8260	115			50	150	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS SDG#:	EV20120013
CLIENT CONTACT:	Mariem Esparra	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dibromochloromethane - BSD	EPA-8260	120	4		50	150	12/07/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	103			50	150	12/07/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	108	4		50	150	12/07/2020	DLC
Chlorobenzene - BS	EPA-8260	113			73	131	12/07/2020	DLC
Chlorobenzene - BSD	EPA-8260	116	2		73	131	12/07/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	115			50	150	12/07/2020	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	118	2		50	150	12/07/2020	DLC
Ethylbenzene - BS	EPA-8260	118			50	150	12/07/2020	DLC
Ethylbenzene - BSD	EPA-8260	119	0		50	150	12/07/2020	DLC
m,p-Xylene - BS	EPA-8260	119			50	150	12/07/2020	DLC
m,p-Xylene - BSD	EPA-8260	120	1		50	150	12/07/2020	DLC
Styrene - BS	EPA-8260	107			50	150	12/07/2020	DLC
Styrene - BSD	EPA-8260	110	3		50	150	12/07/2020	DLC
o-Xylene - BS	EPA-8260	111			50	150	12/07/2020	DLC
o-Xylene - BSD	EPA-8260	112	1		50	150	12/07/2020	DLC
Bromoform - BS	EPA-8260	116			50	150	12/07/2020	DLC
Bromoform - BSD	EPA-8260	121	4		50	150	12/07/2020	DLC
Isopropylbenzene - BS	EPA-8260	121			50	150	12/07/2020	DLC
Isopropylbenzene - BSD	EPA-8260	121	0		50	150	12/07/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	102			50	150	12/07/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	111	9		50	150	12/07/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	101			50	150	12/07/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	112	10		50	150	12/07/2020	DLC
Bromobenzene - BS	EPA-8260	108			50	150	12/07/2020	DLC
Bromobenzene - BSD	EPA-8260	116	8		50	150	12/07/2020	DLC
N-Propyl Benzene - BS	EPA-8260	115			50	150	12/07/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	121	5		50	150	12/07/2020	DLC
2-Chlorotoluene - BS	EPA-8260	112			50	150	12/07/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	120	7		50	150	12/07/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	113	5		50	150	12/07/2020	DLC
4-Chlorotoluene - BS	EPA-8260	113			50	150	12/07/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	121	7		50	150	12/07/2020	DLC
T-Butyl Benzene - BS	EPA-8260	120			50	150	12/07/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	116	3		50	150	12/07/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	104			50	150	12/07/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	111	6		50	150	12/07/2020	DLC
S-Butyl Benzene - BS	EPA-8260	115			50	150	12/07/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	120	4		50	150	12/07/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	119			50	150	12/07/2020	DLC

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ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626

ALS Group USA, Corp dba ALS Environmental



CERTIFICATE OF ANALYSIS

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

DATE: 12/11/2020
ALS SDG#: EV20120013
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
P-Isopropyltoluene - BSD	EPA-8260	123	4		50	150	12/07/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	113			50	150	12/07/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	121	7		50	150	12/07/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	112			50	150	12/07/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	121	8		50	150	12/07/2020	DLC
N-Butylbenzene - BS	EPA-8260	109			50	150	12/07/2020	DLC
N-Butylbenzene - BSD	EPA-8260	114	4		50	150	12/07/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	111			50	150	12/07/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	120	8		50	150	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	103			50	150	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	114	10		50	150	12/07/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	118	10		50	150	12/07/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	128			50	150	12/07/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	131	2		50	150	12/07/2020	DLC
Naphthalene - BS	EPA-8260	99.6			50	150	12/07/2020	DLC
Naphthalene - BSD	EPA-8260	117	16		50	150	12/07/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	120	11		50	150	12/07/2020	DLC

ALS Test Batch ID: R374076 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	92.0			90	114	12/01/2020	EBS
Chromium (VI) - BSD	EPA-7196	93.0	1		90	114	12/01/2020	EBS

ALS Test Batch ID: 160397 - Water by EPA-200.8

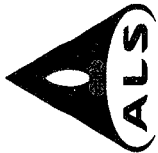
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Cadmium - BS	EPA-200.8	99.6			89.4	110	12/04/2020	RAL
Cadmium - BSD	EPA-200.8	98.0	2		89.4	110	12/04/2020	RAL
Chromium - BS	EPA-200.8	98.3			88.3	110.2	12/04/2020	RAL
Chromium - BSD	EPA-200.8	97.3	1		88.3	110.2	12/04/2020	RAL
Nickel - BS	EPA-200.8	93.6			85.4	109	12/04/2020	RAL
Nickel - BSD	EPA-200.8	92.5	1		85.4	109	12/04/2020	RAL
Zinc - BS	EPA-200.8	98.5			88.2	111	12/04/2020	RAL
Zinc - BSD	EPA-200.8	96.9	2		88.2	111	12/04/2020	RAL

CERTIFICATE OF ANALYSIS

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)

CV20120013

Date 12/1/20 Page 1 Of 2

PROJECT ID: 015354				ANALYSIS REQUESTED										OTHER (Specify)															
REPORT TO COMPANY: TRC				PROJECT MANAGER: Marten Esparra										ADDRESS: 1180 NW Maple St Suite 310 Issaquah WA 98027															
PHONE: (425) 395-0010				R.O. #:										E-MAIL: Mesparra@TRC.companies.com															
INVOICE TO COMPANY: TRC				ATTENTION:										ADDRESS:															
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	MTBE by EPA 8260	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	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pb Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	RECEIVED IN GOOD CONDITION?	
1. MW-05S	11/30/20	1342	water	1			X																						
2. MW-26S		1400		2							X																		
3. MW-21S		1410		3							X																		
4. MW-24S		1415		4							X																		
5. MW-15i		1435		5							X																		
6. MW-19		1440		6							X																		
7. MW-7S		1446		7							X																		
8. MW-7ir		1450		8							X																		
9. MW-29.5	12/1/20	0912		9			X																						
10. MW-1	12/1/20	1115		10							X												X						

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Wesley Weisberg, TRC, 12/1/20 1505
Received By: [Signature] ALS 12-1-20 1505

2. Relinquished By: _____
Received By: _____

TURNAROUND REQUESTED in Business Days*
OTHER: _____

Organic, Metals & Inorganic Analysis
Specify: ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22 ☐ 23 ☐ 24 ☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31 ☐ 32 ☐ 33 ☐ 34 ☐ 35 ☐ 36 ☐ 37 ☐ 38 ☐ 39 ☐ 40 ☐ 41 ☐ 42 ☐ 43 ☐ 44 ☐ 45 ☐ 46 ☐ 47 ☐ 48 ☐ 49 ☐ 50 ☐ 51 ☐ 52 ☐ 53 ☐ 54 ☐ 55 ☐ 56 ☐ 57 ☐ 58 ☐ 59 ☐ 60 ☐ 61 ☐ 62 ☐ 63 ☐ 64 ☐ 65 ☐ 66 ☐ 67 ☐ 68 ☐ 69 ☐ 70 ☐ 71 ☐ 72 ☐ 73 ☐ 74 ☐ 75 ☐ 76 ☐ 77 ☐ 78 ☐ 79 ☐ 80 ☐ 81 ☐ 82 ☐ 83 ☐ 84 ☐ 85 ☐ 86 ☐ 87 ☐ 88 ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93 ☐ 94 ☐ 95 ☐ 96 ☐ 97 ☐ 98 ☐ 99 ☐ 100 ☐ 101 ☐ 102 ☐ 103 ☐ 104 ☐ 105 ☐ 106 ☐ 107 ☐ 108 ☐ 109 ☐ 110 ☐ 111 ☐ 112 ☐ 113 ☐ 114 ☐ 115 ☐ 116 ☐ 117 ☐ 118 ☐ 119 ☐ 120 ☐ 121 ☐ 122 ☐ 123 ☐ 124 ☐ 125 ☐ 126 ☐ 127 ☐ 128 ☐ 129 ☐ 130 ☐ 131 ☐ 132 ☐ 133 ☐ 134 ☐ 135 ☐ 136 ☐ 137 ☐ 138 ☐ 139 ☐ 140 ☐ 141 ☐ 142 ☐ 143 ☐ 144 ☐ 145 ☐ 146 ☐ 147 ☐ 148 ☐ 149 ☐ 150 ☐ 151 ☐ 152 ☐ 153 ☐ 154 ☐ 155 ☐ 156 ☐ 157 ☐ 158 ☐ 159 ☐ 160 ☐ 161 ☐ 162 ☐ 163 ☐ 164 ☐ 165 ☐ 166 ☐ 167 ☐ 168 ☐ 169 ☐ 170 ☐ 171 ☐ 172 ☐ 173 ☐ 174 ☐ 175 ☐ 176 ☐ 177 ☐ 178 ☐ 179 ☐ 180 ☐ 181 ☐ 182 ☐ 183 ☐ 184 ☐ 185 ☐ 186 ☐ 187 ☐ 188 ☐ 189 ☐ 190 ☐ 191 ☐ 192 ☐ 193 ☐ 194 ☐ 195 ☐ 196 ☐ 197 ☐ 198 ☐ 199 ☐ 200 ☐ 201 ☐ 202 ☐ 203 ☐ 204 ☐ 205 ☐ 206 ☐ 207 ☐ 208 ☐ 209 ☐ 210 ☐ 211 ☐ 212 ☐ 213 ☐ 214 ☐ 215 ☐ 216 ☐ 217 ☐ 218 ☐ 219 ☐ 220 ☐ 221 ☐ 222 ☐ 223 ☐ 224 ☐ 225 ☐ 226 ☐ 227 ☐ 228 ☐ 229 ☐ 230 ☐ 231 ☐ 232 ☐ 233 ☐ 234 ☐ 235 ☐ 236 ☐ 237 ☐ 238 ☐ 239 ☐ 240 ☐ 241 ☐ 242 ☐ 243 ☐ 244 ☐ 245 ☐ 246 ☐ 247 ☐ 248 ☐ 249 ☐ 250 ☐ 251 ☐ 252 ☐ 253 ☐ 254 ☐ 255 ☐ 256 ☐ 257 ☐ 258 ☐ 259 ☐ 260 ☐ 261 ☐ 262 ☐ 263 ☐ 264 ☐ 265 ☐ 266 ☐ 267 ☐ 268 ☐ 269 ☐ 270 ☐ 271 ☐ 272 ☐ 273 ☐ 274 ☐ 275 ☐ 276 ☐ 277 ☐ 278 ☐ 279 ☐ 280 ☐ 281 ☐ 282 ☐ 283 ☐ 284 ☐ 285 ☐ 286 ☐ 287 ☐ 288 ☐ 289 ☐ 290 ☐ 291 ☐ 292 ☐ 293 ☐ 294 ☐ 295 ☐ 296 ☐ 297 ☐ 298 ☐ 299 ☐ 300 ☐ 301 ☐ 302 ☐ 303 ☐ 304 ☐ 305 ☐ 306 ☐ 307 ☐ 308 ☐ 309 ☐ 310 ☐ 311 ☐ 312 ☐ 313 ☐ 314 ☐ 315 ☐ 316 ☐ 317 ☐ 318 ☐ 319 ☐ 320 ☐ 321 ☐ 322 ☐ 323 ☐ 324 ☐ 325 ☐ 326 ☐ 327 ☐ 328 ☐ 329 ☐ 330 ☐ 331 ☐ 332 ☐ 333 ☐ 334 ☐ 335 ☐ 336 ☐ 337 ☐ 338 ☐ 339 ☐ 340 ☐ 341 ☐ 342 ☐ 343 ☐ 344 ☐ 345 ☐ 346 ☐ 347 ☐ 348 ☐ 349 ☐ 350 ☐ 351 ☐ 352 ☐ 353 ☐ 354 ☐ 355 ☐ 356 ☐ 357 ☐ 358 ☐ 359 ☐ 360 ☐ 361 ☐ 362 ☐ 363 ☐ 364 ☐ 365 ☐ 366 ☐ 367 ☐ 368 ☐ 369 ☐ 370 ☐ 371 ☐ 372 ☐ 373 ☐ 374 ☐ 375 ☐ 376 ☐ 377 ☐ 378 ☐ 379 ☐ 380 ☐ 381 ☐ 382 ☐ 383 ☐ 384 ☐ 385 ☐ 386 ☐ 387 ☐ 388 ☐ 389 ☐ 390 ☐ 391 ☐ 392 ☐ 393 ☐ 394 ☐ 395 ☐ 396 ☐ 397 ☐ 398 ☐ 399 ☐ 400 ☐ 401 ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427 ☐ 428 ☐ 429 ☐ 430 ☐ 431 ☐ 432 ☐ 433 ☐ 434 ☐ 435 ☐ 436 ☐ 437 ☐ 438 ☐ 439 ☐ 440 ☐ 441 ☐ 442 ☐ 443 ☐ 444 ☐ 445 ☐ 446 ☐ 447 ☐ 448 ☐ 449 ☐ 450 ☐ 451 ☐ 452 ☐ 453 ☐ 454 ☐ 455 ☐ 456 ☐ 457 ☐ 458 ☐ 459 ☐ 460 ☐ 461 ☐ 462 ☐ 463 ☐ 464 ☐ 465 ☐ 466 ☐ 467 ☐ 468 ☐ 469 ☐ 470 ☐ 471 ☐ 472 ☐ 473 ☐ 474 ☐ 475 ☐ 476 ☐ 477 ☐ 478 ☐ 479 ☐ 480 ☐ 481 ☐ 482 ☐ 483 ☐ 484 ☐ 485 ☐ 486 ☐ 487 ☐ 488 ☐ 489 ☐ 490 ☐ 491 ☐ 492 ☐ 493 ☐ 494 ☐ 495 ☐ 496 ☐ 497 ☐ 498 ☐ 499 ☐ 500 ☐ 501 ☐ 502 ☐ 503 ☐ 504 ☐ 505 ☐ 506 ☐ 507 ☐ 508 ☐ 509 ☐ 510 ☐ 511 ☐ 512 ☐ 513 ☐ 514 ☐ 515 ☐ 516 ☐ 517 ☐ 518 ☐ 519 ☐ 520 ☐ 521 ☐ 522 ☐ 523 ☐ 524 ☐ 525 ☐ 526 ☐ 527 ☐ 528 ☐ 529 ☐ 530 ☐ 531 ☐ 532 ☐ 533 ☐ 534 ☐ 535 ☐ 536 ☐ 537 ☐ 538 ☐ 539 ☐ 540 ☐ 541 ☐ 542 ☐ 543 ☐ 544 ☐ 545 ☐ 546 ☐ 547 ☐ 548 ☐ 549 ☐ 550 ☐ 551 ☐ 552 ☐ 553 ☐ 554 ☐ 555 ☐ 556 ☐ 557 ☐ 558 ☐ 559 ☐ 560 ☐ 561 ☐ 562 ☐ 563 ☐ 564 ☐ 565 ☐ 566 ☐ 567 ☐ 568 ☐ 569 ☐ 570 ☐ 571 ☐ 572 ☐ 573 ☐ 574 ☐ 575 ☐ 576 ☐ 577 ☐ 578 ☐ 579 ☐ 580 ☐ 581 ☐ 582 ☐ 583 ☐ 584 ☐ 585 ☐ 586 ☐ 587 ☐ 588 ☐ 589 ☐ 590 ☐ 591 ☐ 592 ☐ 593 ☐ 594 ☐ 595 ☐ 596 ☐ 597 ☐ 598 ☐ 599 ☐ 600 ☐ 601 ☐ 602 ☐ 603 ☐ 604 ☐ 605 ☐ 606 ☐ 607 ☐ 608 ☐ 609 ☐ 610 ☐ 611 ☐ 612 ☐ 613 ☐ 614 ☐ 615 ☐ 616 ☐ 617 ☐ 618 ☐ 619 ☐ 620 ☐ 621 ☐ 622 ☐ 623 ☐ 624 ☐ 625 ☐ 626 ☐ 627 ☐ 628 ☐ 629 ☐ 630 ☐ 631 ☐ 632 ☐ 633 ☐ 634 ☐ 635 ☐ 636 ☐ 637 ☐ 638 ☐ 639 ☐ 640 ☐ 641 ☐ 642 ☐ 643 ☐ 644 ☐ 645 ☐ 646 ☐ 647 ☐ 648 ☐ 649 ☐ 650 ☐ 651 ☐ 652 ☐ 653 ☐ 654 ☐ 655 ☐ 656 ☐ 657 ☐ 658 ☐ 659 ☐ 660 ☐ 661 ☐ 662 ☐ 663 ☐ 664 ☐ 665 ☐ 666 ☐ 667 ☐ 668 ☐ 669 ☐ 670 ☐ 671 ☐ 672 ☐ 673 ☐ 674 ☐ 675 ☐ 676 ☐ 677 ☐ 678 ☐ 679 ☐ 680 ☐ 681 ☐ 682 ☐ 683 ☐ 684 ☐ 685 ☐ 686 ☐ 687 ☐ 688 ☐ 689 ☐ 690 ☐ 691 ☐ 692 ☐ 693 ☐ 694 ☐ 695 ☐ 696 ☐ 697 ☐ 698 ☐ 699 ☐ 700 ☐ 701 ☐ 702 ☐ 703 ☐ 704 ☐ 705 ☐ 706 ☐ 707 ☐ 708 ☐ 709 ☐ 710 ☐ 711 ☐ 712 ☐ 713 ☐ 714 ☐ 715 ☐ 716 ☐ 717 ☐ 718 ☐ 719 ☐ 720 ☐ 721 ☐ 722 ☐ 723 ☐ 724 ☐ 725 ☐ 726 ☐ 727 ☐ 728 ☐ 729 ☐ 730 ☐ 731 ☐ 732 ☐ 733 ☐ 734 ☐ 735 ☐ 736 ☐ 737 ☐ 738 ☐ 739 ☐ 740 ☐ 741 ☐ 742 ☐ 743 ☐ 744 ☐ 745 ☐ 746 ☐ 747 ☐ 748 ☐ 749 ☐ 750 ☐ 751 ☐ 752 ☐ 753 ☐ 754 ☐ 755 ☐ 756 ☐ 757 ☐ 758 ☐ 759 ☐ 760 ☐ 761 ☐ 762 ☐ 763 ☐ 764 ☐ 765 ☐ 766 ☐ 767 ☐ 768 ☐ 769 ☐ 770 ☐ 771 ☐ 772 ☐ 773 ☐ 774 ☐ 775 ☐ 776 ☐ 777 ☐ 778 ☐ 779 ☐ 780 ☐ 781 ☐ 782 ☐ 783 ☐ 784 ☐ 785 ☐ 786 ☐ 787 ☐ 788 ☐ 789 ☐ 790 ☐ 791 ☐ 792 ☐ 793 ☐ 794 ☐ 795 ☐ 796 ☐ 797 ☐ 798 ☐ 799 ☐ 800 ☐ 801 ☐ 802 ☐ 803 ☐ 804 ☐ 805 ☐ 806 ☐ 807 ☐ 808 ☐ 809 ☐ 810 ☐ 811 ☐ 812 ☐ 813 ☐ 814 ☐ 815 ☐ 816 ☐ 817 ☐ 818 ☐ 819 ☐ 820 ☐ 821 ☐ 822 ☐ 823 ☐ 824 ☐ 825 ☐ 826 ☐ 827 ☐ 828 ☐ 829 ☐ 830 ☐ 831 ☐ 832 ☐ 833 ☐ 834 ☐ 835 ☐ 836 ☐ 837 ☐ 838 ☐ 839 ☐ 840 ☐ 841 ☐ 842 ☐ 843 ☐ 844 ☐ 845 ☐ 846 ☐ 847 ☐ 848 ☐ 849 ☐ 850 ☐ 851 ☐ 852 ☐ 853 ☐ 854 ☐ 855 ☐ 856 ☐ 857 ☐ 858 ☐ 859 ☐ 860 ☐ 861 ☐ 862 ☐ 863 ☐ 864 ☐ 865 ☐ 866 ☐ 867 ☐ 868 ☐ 869 ☐ 870 ☐ 871 ☐ 872 ☐ 873 ☐ 874 ☐ 875 ☐ 876 ☐ 877 ☐ 878 ☐ 879 ☐ 880 ☐ 881 ☐ 882 ☐ 883 ☐ 884 ☐ 885 ☐ 886 ☐ 887 ☐ 888 ☐ 889 ☐ 890 ☐ 891 ☐ 892 ☐ 893 ☐ 894 ☐ 895 ☐ 896 ☐ 897 ☐ 898 ☐ 899 ☐ 900 ☐ 901 ☐ 902 ☐ 903 ☐ 904 ☐ 905 ☐ 906 ☐ 907 ☐ 908 ☐ 909 ☐ 910 ☐ 911 ☐ 912 ☐ 913 ☐ 914 ☐ 915 ☐ 916 ☐ 917 ☐ 918 ☐ 919 ☐ 920 ☐ 921 ☐ 922 ☐ 923 ☐ 924 ☐ 925 ☐ 926 ☐ 927 ☐ 928 ☐ 929 ☐ 930 ☐ 931 ☐ 932 ☐ 933 ☐ 934 ☐ 935 ☐ 936 ☐ 937 ☐ 938 ☐ 939 ☐ 940 ☐ 941 ☐ 942 ☐ 943 ☐ 944 ☐ 945 ☐ 946 ☐ 947 ☐ 948 ☐ 949 ☐ 950 ☐ 951 ☐ 952 ☐ 953 ☐ 954 ☐ 955 ☐ 956 ☐ 957 ☐ 958 ☐ 959 ☐ 960 ☐ 961 ☐ 962 ☐ 963 ☐ 964 ☐ 965 ☐ 966 ☐ 967 ☐ 968 ☐ 969 ☐ 970 ☐ 971 ☐ 972 ☐ 973 ☐ 974 ☐ 975 ☐ 976 ☐ 977 ☐ 978 ☐ 979 ☐ 980 ☐ 981 ☐ 982 ☐ 983 ☐ 984 ☐ 985 ☐ 986 <

SAMPLE CHAIN OF CUSTODY

SAMPLERS (signature)

Page # 2 of 2

Report To Martin Espinoza
Company TRC
Address 1180 NW Myrtle St. Suite 310
City, State, ZIP Issaquah WA 98027
Phone 425-348-0010 Email mespin@trc.computer.com

PROJECT NAME

~~PO#~~

IVA Industries
#5510

INVOICE TO

REMARKS

Phone 421-398,0010 Email M.ESPINOZA@compuser.com

Project specific RLs? - Yes / No

Default: Dispose after 30 days

SAMPLE DISPOSAL

- Archive samples

☐ Other: _____

Default: Dispose after 30 days

[illegible]

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	Wesley Wesbury	TBC	12/1/00	1505
Received by: 	Roger Barthel	AS	12-1-20	1505
Relinquished by:				
Received by:				

~~Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph: (206) 285-8882~~



December 11, 2020

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On December 4th, 1 sample was received by our laboratory and assigned our laboratory project number EV20120041. The project was identified as your 015354.0008 Phase 2. 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:	12/11/2020
	1180 NW Maple St, Suite 310	ALS JOB#:	EV20120041
	Issaquah, WA 98027	ALS SAMPLE#:	EV20120041-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	12/04/2020
CLIENT PROJECT:	015354.0008 Phase 2	COLLECTION DATE:	12/3/2020 11:28:00 AM
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	12/08/2020	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Vinyl Chloride	EPA-8260	1.8	0.20	1	UG/L	12/08/2020	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Acetone	EPA-8260	U	25	1	UG/L	12/08/2020	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/08/2020	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	12/08/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	12/08/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	12/08/2020	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	12/08/2020	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/08/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS JOB#:	EV20120041
		ALS SAMPLE#:	EV20120041-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	12/04/2020
CLIENT PROJECT:	015354.0008 Phase 2	COLLECTION DATE:	12/3/2020 11:28:00 AM
CLIENT SAMPLE ID	MW-15s	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	12/08/2020	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	12/08/2020	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/08/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/08/2020	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	12/08/2020	DLC
Toluene-d8	EPA-8260	100	12/08/2020	DLC
4-Bromofluorobenzene	EPA-8260	101	12/08/2020	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: 12/11/2020
ALS SDG#: EV20120041
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354.0008 Phase 2

LABORATORY BLANK RESULTS

MB-120720W - Batch 160570 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	12/07/2020	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Carbon Disulfide	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Acetone	EPA-8260	U	UG/L	25	12/07/2020	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	12/07/2020	DLC
Acrylonitrile	EPA-8260	U	UG/L	10	12/07/2020	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Butanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Chloroform	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
Toluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Hexanone	EPA-8260	U	UG/L	10	12/07/2020	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	12/07/2020	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354.0008 Phase 2

DATE: 12/11/2020
ALS SDG#: EV20120041
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-120720W - Batch 160570 - Water by EPA-8260

1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Ethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
m,p-Xylene	EPA-8260	U	UG/L	4.0	12/07/2020	DLC
Styrene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
o-Xylene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromoform	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Isopropylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
N-Propyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
T-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
S-Butyl Benzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
P-Isopropyltoluene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
N-Butylbenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	12/07/2020	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
Naphthalene	EPA-8260	U	UG/L	2.0	12/07/2020	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/07/2020	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
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DATE: 12/11/2020
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WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354.0008 Phase 2

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 160570 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	130			50	150	12/07/2020	DLC
Dichlorodifluoromethane - BSD	EPA-8260	120	8		50	150	12/07/2020	DLC
Chloromethane - BS	EPA-8260	110			50	150	12/07/2020	DLC
Chloromethane - BSD	EPA-8260	105	4		50	150	12/07/2020	DLC
Vinyl Chloride - BS	EPA-8260	122			50	150	12/07/2020	DLC
Vinyl Chloride - BSD	EPA-8260	114	6		50	150	12/07/2020	DLC
Bromomethane - BS	EPA-8260	105			50	150	12/07/2020	DLC
Bromomethane - BSD	EPA-8260	103	2		50	150	12/07/2020	DLC
Chloroethane - BS	EPA-8260	111			50	150	12/07/2020	DLC
Chloroethane - BSD	EPA-8260	107	4		50	150	12/07/2020	DLC
Carbon Tetrachloride - BS	EPA-8260	117			50	150	12/07/2020	DLC
Carbon Tetrachloride - BSD	EPA-8260	110	6		50	150	12/07/2020	DLC
Trichlorofluoromethane - BS	EPA-8260	132			50	150	12/07/2020	DLC
Trichlorofluoromethane - BSD	EPA-8260	123	7		50	150	12/07/2020	DLC
Carbon Disulfide - BS	EPA-8260	112			50	150	12/07/2020	DLC
Carbon Disulfide - BSD	EPA-8260	107	5		50	150	12/07/2020	DLC
Acetone - BS	EPA-8260	115			50	150	12/07/2020	DLC
Acetone - BSD	EPA-8260	111	4		50	150	12/07/2020	DLC
1,1-Dichloroethene - BS	EPA-8260	119			72.5	136	12/07/2020	DLC
1,1-Dichloroethene - BSD	EPA-8260	113	5		72.5	136	12/07/2020	DLC
Methylene Chloride - BS	EPA-8260	99.7			50	150	12/07/2020	DLC
Methylene Chloride - BSD	EPA-8260	102	2		50	150	12/07/2020	DLC
Acrylonitrile - BS	EPA-8260	122			50	150	12/07/2020	DLC
Acrylonitrile - BSD	EPA-8260	116	5		50	150	12/07/2020	DLC
Methyl T-Butyl Ether - BS	EPA-8260	108			50	150	12/07/2020	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	109	1		50	150	12/07/2020	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	113			50	150	12/07/2020	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	109	3		50	150	12/07/2020	DLC
1,1-Dichloroethane - BS	EPA-8260	109			50	150	12/07/2020	DLC
1,1-Dichloroethane - BSD	EPA-8260	107	2		50	150	12/07/2020	DLC
2-Butanone - BS	EPA-8260	110			50	150	12/07/2020	DLC
2-Butanone - BSD	EPA-8260	108	2		50	150	12/07/2020	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	109			50	150	12/07/2020	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	107	1		50	150	12/07/2020	DLC
2,2-Dichloropropane - BS	EPA-8260	137			50	150	12/07/2020	DLC
2,2-Dichloropropane - BSD	EPA-8260	129	6		50	150	12/07/2020	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	12/07/2020	DLC
Bromochloromethane - BSD	EPA-8260	103	0		50	150	12/07/2020	DLC
Chloroform - BS	EPA-8260	106			50	150	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 12/11/2020
ALS SDG#: EV20120041
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354.0008 Phase 2

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	105	1		50	150	12/07/2020	DLC
1,1,1-Trichloroethane - BS	EPA-8260	122			50	150	12/07/2020	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	116	5		50	150	12/07/2020	DLC
1,1-Dichloropropene - BS	EPA-8260	118			50	150	12/07/2020	DLC
1,1-Dichloropropene - BSD	EPA-8260	112	5		50	150	12/07/2020	DLC
1,2-Dichloroethane - BS	EPA-8260	114			50	150	12/07/2020	DLC
1,2-Dichloroethane - BSD	EPA-8260	114	1		50	150	12/07/2020	DLC
Benzene - BS	EPA-8260	110			74.7	143	12/07/2020	DLC
Benzene - BSD	EPA-8260	108	2		74.7	143	12/07/2020	DLC
Trichloroethene - BS	EPA-8260	113			74.4	141	12/07/2020	DLC
Trichloroethene - BSD	EPA-8260	110	3		74.4	141	12/07/2020	DLC
1,2-Dichloropropane - BS	EPA-8260	108			50	150	12/07/2020	DLC
1,2-Dichloropropane - BSD	EPA-8260	107	0		50	150	12/07/2020	DLC
Dibromomethane - BS	EPA-8260	111			50	150	12/07/2020	DLC
Dibromomethane - BSD	EPA-8260	111	1		50	150	12/07/2020	DLC
Bromodichloromethane - BS	EPA-8260	114			50	150	12/07/2020	DLC
Bromodichloromethane - BSD	EPA-8260	114	0		50	150	12/07/2020	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	118			50	150	12/07/2020	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	122	4		50	150	12/07/2020	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	110			50	150	12/07/2020	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	112	2		50	150	12/07/2020	DLC
Toluene - BS	EPA-8260	115			71.7	139	12/07/2020	DLC
Toluene - BSD	EPA-8260	113	2		71.7	139	12/07/2020	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	106			50	150	12/07/2020	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	106	0		50	150	12/07/2020	DLC
1,1,2-Trichloroethane - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	111	4		50	150	12/07/2020	DLC
2-Hexanone - BS	EPA-8260	127			50	150	12/07/2020	DLC
2-Hexanone - BSD	EPA-8260	130	3		50	150	12/07/2020	DLC
1,3-Dichloropropane - BS	EPA-8260	109			50	150	12/07/2020	DLC
1,3-Dichloropropane - BSD	EPA-8260	113	4		50	150	12/07/2020	DLC
Tetrachloroethylene - BS	EPA-8260	93.9			50	150	12/07/2020	DLC
Tetrachloroethylene - BSD	EPA-8260	101	7		50	150	12/07/2020	DLC
Dibromochloromethane - BS	EPA-8260	115			50	150	12/07/2020	DLC
Dibromochloromethane - BSD	EPA-8260	120	4		50	150	12/07/2020	DLC
1,2-Dibromoethane - BS	EPA-8260	103			50	150	12/07/2020	DLC
1,2-Dibromoethane - BSD	EPA-8260	108	4		50	150	12/07/2020	DLC
Chlorobenzene - BS	EPA-8260	113			73	131	12/07/2020	DLC
Chlorobenzene - BSD	EPA-8260	116	2		73	131	12/07/2020	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	115			50	150	12/07/2020	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/11/2020
		ALS SDG#:	EV20120041
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354.0008 Phase 2		

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	118	2		50	150	12/07/2020	DLC
Ethylbenzene - BS	EPA-8260	118			50	150	12/07/2020	DLC
Ethylbenzene - BSD	EPA-8260	119	0		50	150	12/07/2020	DLC
m,p-Xylene - BS	EPA-8260	119			50	150	12/07/2020	DLC
m,p-Xylene - BSD	EPA-8260	120	1		50	150	12/07/2020	DLC
Styrene - BS	EPA-8260	107			50	150	12/07/2020	DLC
Styrene - BSD	EPA-8260	110	3		50	150	12/07/2020	DLC
o-Xylene - BS	EPA-8260	111			50	150	12/07/2020	DLC
o-Xylene - BSD	EPA-8260	112	1		50	150	12/07/2020	DLC
Bromoform - BS	EPA-8260	116			50	150	12/07/2020	DLC
Bromoform - BSD	EPA-8260	121	4		50	150	12/07/2020	DLC
Isopropylbenzene - BS	EPA-8260	121			50	150	12/07/2020	DLC
Isopropylbenzene - BSD	EPA-8260	121	0		50	150	12/07/2020	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	102			50	150	12/07/2020	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	111	9		50	150	12/07/2020	DLC
1,2,3-Trichloropropane - BS	EPA-8260	101			50	150	12/07/2020	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	112	10		50	150	12/07/2020	DLC
Bromobenzene - BS	EPA-8260	108			50	150	12/07/2020	DLC
Bromobenzene - BSD	EPA-8260	116	8		50	150	12/07/2020	DLC
N-Propyl Benzene - BS	EPA-8260	115			50	150	12/07/2020	DLC
N-Propyl Benzene - BSD	EPA-8260	121	5		50	150	12/07/2020	DLC
2-Chlorotoluene - BS	EPA-8260	112			50	150	12/07/2020	DLC
2-Chlorotoluene - BSD	EPA-8260	120	7		50	150	12/07/2020	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	113	5		50	150	12/07/2020	DLC
4-Chlorotoluene - BS	EPA-8260	113			50	150	12/07/2020	DLC
4-Chlorotoluene - BSD	EPA-8260	121	7		50	150	12/07/2020	DLC
T-Butyl Benzene - BS	EPA-8260	120			50	150	12/07/2020	DLC
T-Butyl Benzene - BSD	EPA-8260	116	3		50	150	12/07/2020	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	104			50	150	12/07/2020	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	111	6		50	150	12/07/2020	DLC
S-Butyl Benzene - BS	EPA-8260	115			50	150	12/07/2020	DLC
S-Butyl Benzene - BSD	EPA-8260	120	4		50	150	12/07/2020	DLC
P-Isopropyltoluene - BS	EPA-8260	119			50	150	12/07/2020	DLC
P-Isopropyltoluene - BSD	EPA-8260	123	4		50	150	12/07/2020	DLC
1,3-Dichlorobenzene - BS	EPA-8260	113			50	150	12/07/2020	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	121	7		50	150	12/07/2020	DLC
1,4-Dichlorobenzene - BS	EPA-8260	112			50	150	12/07/2020	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	121	8		50	150	12/07/2020	DLC
N-Butylbenzene - BS	EPA-8260	109			50	150	12/07/2020	DLC

CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
 1180 NW Maple St, Suite 310
 Issaquah, WA 98027
DATE: 12/11/2020
ALS SDG#: EV20120041
WDOE ACCREDITATION: C601
CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354.0008 Phase 2

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	114	4		50	150	12/07/2020	DLC
1,2-Dichlorobenzene - BS	EPA-8260	111			50	150	12/07/2020	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	120	8		50	150	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	103			50	150	12/07/2020	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	114	10		50	150	12/07/2020	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	118	10		50	150	12/07/2020	DLC
Hexachlorobutadiene - BS	EPA-8260	128			50	150	12/07/2020	DLC
Hexachlorobutadiene - BSD	EPA-8260	131	2		50	150	12/07/2020	DLC
Naphthalene - BS	EPA-8260	99.6			50	150	12/07/2020	DLC
Naphthalene - BSD	EPA-8260	117	16		50	150	12/07/2020	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	107			50	150	12/07/2020	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	120	11		50	150	12/07/2020	DLC

APPROVED BY



Laboratory Director



March 8, 2021

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On February 24th, 16 samples were received by our laboratory and assigned our laboratory project number EV21020175. 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

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:15:00 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	03/03/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Vinyl Chloride	EPA-8260	2.3	0.20	1	UG/L	03/03/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/03/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/03/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:15:00 PM
CLIENT SAMPLE ID	MW-15i	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/03/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	100	03/03/2021	DLC
4-Bromofluorobenzene	EPA-8260	102	03/03/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:20:00 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	03/03/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Vinyl Chloride	EPA-8260	1.5	0.20	1	UG/L	03/03/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/03/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/03/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:20:00 PM
CLIENT SAMPLE ID	MW-15s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/03/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	99.5	03/03/2021	DLC
4-Bromofluorobenzene	EPA-8260	102	03/03/2021	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: 3/8/2021
ALS JOB#: EV21020175
ALS SAMPLE#: EV21020175-03
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 02/24/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 2/23/2021 3:30:00 PM
CLIENT SAMPLE ID: MW-19
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Vinyl Chloride	EPA-8260	20	0.20	1	UG/L	03/03/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/03/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.5	2.0	1	UG/L	03/03/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/03/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:30:00 PM
CLIENT SAMPLE ID	MW-19	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/03/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	99.2	03/03/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	03/03/2021	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: 3/8/2021
ALS JOB#: EV21020175
ALS SAMPLE#: EV21020175-04
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 02/24/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 2/23/2021 3:45:00 PM
CLIENT SAMPLE ID: MW-21s
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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:45:00 PM
CLIENT SAMPLE ID	MW-21s	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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.3	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	101	03/05/2021	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: 3/8/2021
ALS JOB#: EV21020175
ALS SAMPLE#: EV21020175-05
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 02/24/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 2/23/2021 3:55:00 PM
CLIENT SAMPLE ID: MW-24s
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	2.1	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	4.3	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 3:55:00 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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.3	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	102	03/05/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21020175-06
CLIENT PROJECT:	015354	DATE RECEIVED:	02/24/2021
CLIENT SAMPLE ID	MW-1s	COLLECTION DATE:	2/23/2021 4:10:00 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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	3.7	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	5.0	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/23/2021 4:10:00 PM
CLIENT SAMPLE ID	MW-1s	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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.1	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	101	03/05/2021	DLC

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

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 9:07:00 AM
CLIENT SAMPLE ID	MW-18	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	02/24/2021	EBS
Chromium	EPA-200.8	20	2.0	1	UG/L	02/26/2021	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: 3/8/2021
ALS JOB#: EV21020175
ALS SAMPLE#: EV21020175-08
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 02/24/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 2/24/2021 10:06:00 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	03/03/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/03/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/03/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	8.5	2.0	1	UG/L	03/03/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichloroethene	EPA-8260	39	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/03/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 10:06:00 AM
CLIENT SAMPLE ID	SBW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/03/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chromium (VI)	EPA-7196	150	10	1	UG/L	02/24/2021	EBS
Chromium	EPA-200.8	150	2.0	1	UG/L	02/26/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.8	03/03/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	03/03/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-09
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 10:25:00 AM
CLIENT SAMPLE ID	MW-26s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	1.3	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	15	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-09
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 10:25:00 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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	97.4	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	101	03/05/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-10
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 10:45:00 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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	0.25	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	5.4	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-10
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 10:45:00 AM
CLIENT SAMPLE ID	MW-11	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	97.3	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	102	03/05/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-11
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 11:25:00 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	03/03/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Vinyl Chloride	EPA-8260	2.4	0.20	1	UG/L	03/03/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/03/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	53	20	10	UG/L	03/03/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trichloroethene	EPA-8260	67	20	10	UG/L	03/03/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/03/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-11
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 11:25:00 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	03/03/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/03/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/03/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	02/24/2021	EBS
Chromium	EPA-200.8	20	2.0	1	UG/L	02/26/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	98.3	03/03/2021	DLC
1,2-Dichloroethane-d4	EPA-8260	97.4	03/03/2021	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	101	03/03/2021	DLC
4-Bromofluorobenzene	EPA-8260	102	03/03/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 12:50:00 PM
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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	3.8	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	16	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	79	20	10	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	4.0	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 12:50:00 PM
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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chromium (VI)	EPA-7196	90	10	1	UG/L	02/24/2021	EBS
Chromium	EPA-200.8	350	2.0	1	UG/L	02/26/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	98.0	03/05/2021	DLC
1,2-Dichloroethane-d4	EPA-8260	97.8	03/05/2021	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	101	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	100	03/05/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 1:50:00 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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	40	2.0	10	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	3.7	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 1:50:00 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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	98.7	03/05/2021	DLC
1,2-Dichloroethane-d4	EPA-8260	93.8	03/05/2021	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	101	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	101	03/05/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-14
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 2:00:00 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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	3.4	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-14
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 2:00:00 PM
CLIENT SAMPLE ID	MW-7s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	97.5	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	101	03/05/2021	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:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-15
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 2:10:00 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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	0.44	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS JOB#:	EV21020175
		ALS SAMPLE#:	EV21020175-15
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 2:10:00 PM
CLIENT SAMPLE ID	MW-7ir	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	97.5	03/05/2021	DLC
4-Bromofluorobenzene	EPA-8260	99.5	03/05/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	3/8/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21020175
	Issaquah, WA 98027	ALS SAMPLE#:	EV21020175-16
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	02/24/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	2/24/2021 12:00:00 PM
CLIENT SAMPLE ID	DUP-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	03/05/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Vinyl Chloride	EPA-8260	4.3	0.20	1	UG/L	03/05/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	17	2.0	1	UG/L	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trichloroethene	EPA-8260	69	20	10	UG/L	03/08/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	4.4	2.0	1	UG/L	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/05/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
CLIENT CONTACT:	Sean Trimble	ALS JOB#:	EV21020175
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV21020175-16
CLIENT SAMPLE ID	DUP-1	DATE RECEIVED:	02/24/2021
		COLLECTION DATE:	2/24/2021 12:00:00 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	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/05/2021	DLC
Chromium (VI)	EPA-7196	86	10	1	UG/L	02/24/2021	EBS
Chromium	EPA-200.8	340	2.0	1	UG/L	02/26/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	98.3	03/05/2021	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	85.1	03/08/2021	DLC
4-Bromofluorobenzene	EPA-8260	99.5	03/05/2021	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	85.2	03/08/2021	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: 3/8/2021
ALS SDG#: EV21020175
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354

LABORATORY BLANK RESULTS

MB-030221W - Batch 163138 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	03/02/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	03/02/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Toluene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	03/02/2021	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Bromoform	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS SDG#:	EV21020175
CLIENT CONTACT:	Sean Trimble	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY BLANK RESULTS

MB-030221W - Batch 163138 - Water by EPA-8260

1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	03/02/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/02/2021	DLC

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

MB-030521W - Batch 163199 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	03/05/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	03/05/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Toluene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	03/05/2021	DLC

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ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626

ALS Group USA, Corp dba ALS Environmental



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027
DATE: 3/8/2021
ALS SDG#: EV21020175
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354

LABORATORY BLANK RESULTS

MB-030521W - Batch 163199 - Water by EPA-8260

Chlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Bromoform	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	03/05/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/05/2021	DLC

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

MBLK-R378599 - Batch R378599 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	02/24/2021	EBS

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

MB-022621W - Batch 162935 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	02/26/2021	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:	3/8/2021
		ALS SDG#:	EV21020175
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 163138 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	129			50	150	03/02/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	130	1		50	150	03/02/2021	DLC
Chloromethane - BS	EPA-8260	96.8			50	150	03/02/2021	DLC
Chloromethane - BSD	EPA-8260	98.2	1		50	150	03/02/2021	DLC
Vinyl Chloride - BS	EPA-8260	109			50	150	03/02/2021	DLC
Vinyl Chloride - BSD	EPA-8260	109	1		50	150	03/02/2021	DLC
Bromomethane - BS	EPA-8260	105			50	150	03/02/2021	DLC
Bromomethane - BSD	EPA-8260	104	1		50	150	03/02/2021	DLC
Chloroethane - BS	EPA-8260	100			50	150	03/02/2021	DLC
Chloroethane - BSD	EPA-8260	101	0		50	150	03/02/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	108			50	150	03/02/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	109	1		50	150	03/02/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	110			50	150	03/02/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	112	2		50	150	03/02/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	99.8			72.5	136	03/02/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	101	1		72.5	136	03/02/2021	DLC
Methylene Chloride - BS	EPA-8260	106			50	150	03/02/2021	DLC
Methylene Chloride - BSD	EPA-8260	104	2		50	150	03/02/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	97.7			50	150	03/02/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	99.2	1		50	150	03/02/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	99.1			50	150	03/02/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	99.6	0		50	150	03/02/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	96.7			50	150	03/02/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	97.1	0		50	150	03/02/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	95.2			50	150	03/02/2021	DLC
2,2-Dichloropropane - BSD	EPA-8260	94.9	0		50	150	03/02/2021	DLC
Bromochloromethane - BS	EPA-8260	96.7			50	150	03/02/2021	DLC
Bromochloromethane - BSD	EPA-8260	94.2	3		50	150	03/02/2021	DLC
Chloroform - BS	EPA-8260	98.9			50	150	03/02/2021	DLC
Chloroform - BSD	EPA-8260	98.6	0		50	150	03/02/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	102			50	150	03/02/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	103	1		50	150	03/02/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	102			50	150	03/02/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	103	2		50	150	03/02/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	94.2			50	150	03/02/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	93.4	1		50	150	03/02/2021	DLC
Trichloroethene - BS	EPA-8260	101			74.4	141	03/02/2021	DLC
Trichloroethene - BSD	EPA-8260	103	2		74.4	141	03/02/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	100			50	150	03/02/2021	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 3/8/2021
ALS SDG#: EV21020175
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
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	100	0		50	150	03/02/2021	DLC
Dibromomethane - BS	EPA-8260	96.9			50	150	03/02/2021	DLC
Dibromomethane - BSD	EPA-8260	95.8	1		50	150	03/02/2021	DLC
Bromodichloromethane - BS	EPA-8260	100			50	150	03/02/2021	DLC
Bromodichloromethane - BSD	EPA-8260	99.4	1		50	150	03/02/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	95.5			50	150	03/02/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	94.6	1		50	150	03/02/2021	DLC
Toluene - BS	EPA-8260	100			71.7	139	03/02/2021	DLC
Toluene - BSD	EPA-8260	100	0		71.7	139	03/02/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	100			50	150	03/02/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	99.2	1		50	150	03/02/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	97.3			50	150	03/02/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	96.3	1		50	150	03/02/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	94.6			50	150	03/02/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	93.4	1		50	150	03/02/2021	DLC
Tetrachloroethylene - BS	EPA-8260	72.5			50	150	03/02/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	83.2	14		50	150	03/02/2021	DLC
Dibromochloromethane - BS	EPA-8260	98.3			50	150	03/02/2021	DLC
Dibromochloromethane - BSD	EPA-8260	97.6	1		50	150	03/02/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	93.3			50	150	03/02/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	92.0	1		50	150	03/02/2021	DLC
Chlorobenzene - BS	EPA-8260	95.3			73	131	03/02/2021	DLC
Chlorobenzene - BSD	EPA-8260	95.6	0		73	131	03/02/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	96.4			50	150	03/02/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	96.0	0		50	150	03/02/2021	DLC
Bromoform - BS	EPA-8260	97.5			50	150	03/02/2021	DLC
Bromoform - BSD	EPA-8260	95.8	2		50	150	03/02/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	98.8			50	150	03/02/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	97.8	1		50	150	03/02/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	94.1			50	150	03/02/2021	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	93.4	1		50	150	03/02/2021	DLC
Bromobenzene - BS	EPA-8260	93.5			50	150	03/02/2021	DLC
Bromobenzene - BSD	EPA-8260	93.9	0		50	150	03/02/2021	DLC
2-Chlorotoluene - BS	EPA-8260	95.5			50	150	03/02/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	96.9	1		50	150	03/02/2021	DLC
4-Chlorotoluene - BS	EPA-8260	93.7			50	150	03/02/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	95.4	2		50	150	03/02/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	94.3			50	150	03/02/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	96.1	2		50	150	03/02/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	90.2			50	150	03/02/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS SDG#:	EV21020175
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,4-Dichlorobenzene - BSD	EPA-8260	91.8	2		50	150	03/02/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	95.4			50	150	03/02/2021	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	96.0	1		50	150	03/02/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	92.7			50	150	03/02/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	91.5	1		50	150	03/02/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	84.1			50	150	03/02/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	85.3	1		50	150	03/02/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	100			50	150	03/02/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	102	2		50	150	03/02/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	83.3			50	150	03/02/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	84.3	1		50	150	03/02/2021	DLC

ALS Test Batch ID: 163199 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	132			50	150	03/05/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	124	6		50	150	03/05/2021	DLC
Chloromethane - BS	EPA-8260	106			50	150	03/05/2021	DLC
Chloromethane - BSD	EPA-8260	102	4		50	150	03/05/2021	DLC
Vinyl Chloride - BS	EPA-8260	114			50	150	03/05/2021	DLC
Vinyl Chloride - BSD	EPA-8260	109	5		50	150	03/05/2021	DLC
Bromomethane - BS	EPA-8260	117			50	150	03/05/2021	DLC
Bromomethane - BSD	EPA-8260	113	3		50	150	03/05/2021	DLC
Chloroethane - BS	EPA-8260	105			50	150	03/05/2021	DLC
Chloroethane - BSD	EPA-8260	101	4		50	150	03/05/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	113			50	150	03/05/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	109	4		50	150	03/05/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	117			50	150	03/05/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	113	3		50	150	03/05/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	102			72.5	136	03/05/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	99.3	3		72.5	136	03/05/2021	DLC
Methylene Chloride - BS	EPA-8260	110			50	150	03/05/2021	DLC
Methylene Chloride - BSD	EPA-8260	108	2		50	150	03/05/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	104			50	150	03/05/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	99.9	4		50	150	03/05/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	104			50	150	03/05/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	100	4		50	150	03/05/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	102			50	150	03/05/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	98.2	3		50	150	03/05/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	118			50	150	03/05/2021	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 3/8/2021
ALS SDG#: EV21020175
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
2,2-Dichloropropane - BSD	EPA-8260	111	6		50	150	03/05/2021	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	03/05/2021	DLC
Bromochloromethane - BSD	EPA-8260	100	3		50	150	03/05/2021	DLC
Chloroform - BS	EPA-8260	105			50	150	03/05/2021	DLC
Chloroform - BSD	EPA-8260	102	4		50	150	03/05/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	107			50	150	03/05/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	104	3		50	150	03/05/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	109			50	150	03/05/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	105	4		50	150	03/05/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	104			50	150	03/05/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	101	3		50	150	03/05/2021	DLC
Trichloroethene - BS	EPA-8260	107			74.4	141	03/05/2021	DLC
Trichloroethene - BSD	EPA-8260	103	4		74.4	141	03/05/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	103			50	150	03/05/2021	DLC
1,2-Dichloropropane - BSD	EPA-8260	99.4	4		50	150	03/05/2021	DLC
Dibromomethane - BS	EPA-8260	105			50	150	03/05/2021	DLC
Dibromomethane - BSD	EPA-8260	101	3		50	150	03/05/2021	DLC
Bromodichloromethane - BS	EPA-8260	105			50	150	03/05/2021	DLC
Bromodichloromethane - BSD	EPA-8260	102	4		50	150	03/05/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	107			50	150	03/05/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	104	3		50	150	03/05/2021	DLC
Toluene - BS	EPA-8260	104			71.7	139	03/05/2021	DLC
Toluene - BSD	EPA-8260	99.2	5		71.7	139	03/05/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	107			50	150	03/05/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	103	4		50	150	03/05/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	103			50	150	03/05/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	101	2		50	150	03/05/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	103			50	150	03/05/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	100	3		50	150	03/05/2021	DLC
Tetrachloroethylene - BS	EPA-8260	83.6			50	150	03/05/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	81.9	2		50	150	03/05/2021	DLC
Dibromochloromethane - BS	EPA-8260	106			50	150	03/05/2021	DLC
Dibromochloromethane - BSD	EPA-8260	104	2		50	150	03/05/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	100			50	150	03/05/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	97.5	3		50	150	03/05/2021	DLC
Chlorobenzene - BS	EPA-8260	103			73	131	03/05/2021	DLC
Chlorobenzene - BSD	EPA-8260	99.4	3		73	131	03/05/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	104			50	150	03/05/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	101	3		50	150	03/05/2021	DLC
Bromoform - BS	EPA-8260	107			50	150	03/05/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	3/8/2021
		ALS SDG#:	EV21020175
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Bromoform - BSD	EPA-8260	104	3		50	150	03/05/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	103			50	150	03/05/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	101	2		50	150	03/05/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	98.5			50	150	03/05/2021	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	96.9	2		50	150	03/05/2021	DLC
Bromobenzene - BS	EPA-8260	101			50	150	03/05/2021	DLC
Bromobenzene - BSD	EPA-8260	99.0	2		50	150	03/05/2021	DLC
2-Chlorotoluene - BS	EPA-8260	102			50	150	03/05/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	98.8	3		50	150	03/05/2021	DLC
4-Chlorotoluene - BS	EPA-8260	102			50	150	03/05/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	98.3	3		50	150	03/05/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	102			50	150	03/05/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	99.4	3		50	150	03/05/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	102			50	150	03/05/2021	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	99.9	2		50	150	03/05/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	102			50	150	03/05/2021	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	99.4	2		50	150	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	96.4			50	150	03/05/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	94.2	2		50	150	03/05/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	101			50	150	03/05/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	98.7	2		50	150	03/05/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	110			50	150	03/05/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	107	3		50	150	03/05/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	98.5			50	150	03/05/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	96.8	2		50	150	03/05/2021	DLC

ALS Test Batch ID: R378599 - Water by EPA-7196

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium (VI) - BS	EPA-7196	105			90	114	02/24/2021	EBS
Chromium (VI) - BSD	EPA-7196	105	0		90	114	02/24/2021	EBS

ALS Test Batch ID: 162935 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	101			88.3	110.2	02/26/2021	RAL
Chromium - BSD	EPA-200.8	103	2		88.3	110.2	02/26/2021	RAL

CERTIFICATE OF ANALYSIS

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)

EV21020175

Date 2-24-21 Page 1 Of 2

PROJECT ID: 015354
REPORT TO COMPANY: TRC
PROJECT MANAGER: Sean Trimble
ADDRESS: 1180 NW Maple St Ste 310
Issaquah WA
PHONE: 425-395-0010 P.O. #:
E-MAIL: strimble@trccompanies.com
INVOICE TO COMPANY:
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

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	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pb Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-15i	2-23-21	1515	WATER	1						X																			
2. MW-15s		1520		2						X																			
3. MW-19		1530		3						X																			
4. MW-21s		1545		4						X																			
5. MW-24s		1555		5						X																			
6. MW-1s		1610		6						X																			
7. MW-18	2-24-21	0907		7																									
8. SBW-3		1006		8						X																			
9. MW-26s		1025		9						X																			
10. MW-11		1045		10						X																			

OTHER (Specify)

Total Cr VI by EPA 200.8
Total Cr by EPA 200.4

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Pang Maud TRC, 2-24-21, 1425

Received By: Maud ALS 2-24-21 1425

2. Relinquished By:

Received By:

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

Specify: STANDARD

☒ 10 ☐ 5 ☐ 3 ☐ 2 ☐ 1
SAME DAY

Fuels & Hydrocarbon Analysis

☒ 5 ☐ 3 ☐ 1
SAME DAY

*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)

EV21020175

Date 2-24-21 Page 2 Of 2

PROJECT ID: 015354				ANALYSIS REQUESTED												OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?			
REPORT TO COMPANY: TRC																					
PROJECT MANAGER: S. Trimble Sean Trimble																					
ADDRESS: 1180 NW Maple St. Ste 310 Issaquah, WA																					
PHONE: 425-395-0010 PO. #:																					
E-MAIL: STrimble@trccompanies.com																					
INVOICE TO COMPANY:																					
ATTENTION:																					
ADDRESS:																					
SAMPLE I.D.				DATE	TIME	TYPE	LAB#														
1.	SBW-2	2-24-21	1125	WATER	11																
2.	MW-3	2-24-21	1250	↓	12																
3.	MW-8s	2-24-21	1350	↓	13																
4.	MW-7s	2-24-21	1400	↓	14																
5.	MW-7ir	2-24-21	1410	↓	15																
6.	DUP-1	2-24-21	12:00	↓	16																
7.																					
8.																					
9.																					
10.																					

SPECIAL INSTRUCTIONS Dup-1 added 2/24/21 per Ramsey. NAR

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Ramsey, TRC, 2-24-21, 1425

Received By: BP ALS 2-24-21 1425

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days*
OTHER: STANDARD

Specify: STANDARD

Organic, Metals & Inorganic Analysis
☒ Standard ☐ SAME DAY

Fuels & Hydrocarbon Analysis
☒ Standard ☐ SAME DAY

*Turnaround request less than standard may incur Rush Charges



May 28, 2021

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On May 19th, 8 samples were received by our laboratory and assigned our laboratory project number EV21050077. 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

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050077
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050077-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/18/2021 1:47:00 PM
CLIENT SAMPLE ID	MW-05i	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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050077
		ALS SAMPLE#:	EV21050077-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/18/2021 1:47:00 PM
CLIENT SAMPLE ID	MW-05i	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	05/20/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/20/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050077
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050077-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/18/2021 2:18:00 PM
CLIENT SAMPLE ID	MW-05s	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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	0.32	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	4.2	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050077
		ALS SAMPLE#:	EV21050077-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/18/2021 2:18:00 PM
CLIENT SAMPLE ID	MW-05s	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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/19/2021	RAL
Chromium	EPA-200.8	5.3	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/20/2021	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:	5/28/2021
		ALS JOB#:	EV21050077
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050077-03
CLIENT PROJECT:	015354	DATE RECEIVED:	05/19/2021
CLIENT SAMPLE ID	MW-20s	COLLECTION DATE:	5/18/2021 2:50:00 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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050077
		ALS SAMPLE#:	EV21050077-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/18/2021 2:50:00 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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/19/2021	RAL
Chromium	EPA-200.8	U	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/20/2021	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:	5/28/2021
		ALS JOB#:	EV21050077
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050077-04
CLIENT PROJECT:	015354	DATE RECEIVED:	05/19/2021
CLIENT SAMPLE ID	MW-19	COLLECTION DATE:	5/19/2021 9:30:00 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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	8.0	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050077
		ALS SAMPLE#:	EV21050077-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 9:30:00 AM
CLIENT SAMPLE ID	MW-19	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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/20/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050077
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050077-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 9:40:00 AM
CLIENT SAMPLE ID	MW-18	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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	1.8	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	10	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050077
		ALS SAMPLE#:	EV21050077-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 9:40:00 AM
CLIENT SAMPLE ID	MW-18	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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/20/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT: TRC Companies DATE: 5/28/2021
1180 NW Maple St, Suite 310 ALS JOB#: EV21050077
Issaquah, WA 98027 ALS SAMPLE#: EV21050077-06
CLIENT CONTACT: Sean Trimble DATE RECEIVED: 05/19/2021
CLIENT PROJECT: 015354 COLLECTION DATE: 5/19/2021 10:30:00 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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	2.2	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	6.7	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	19	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
CLIENT CONTACT:	Sean Trimble	ALS JOB#:	EV21050077
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV21050077-06
CLIENT SAMPLE ID	MW-3	DATE RECEIVED:	05/19/2021
		COLLECTION DATE:	5/19/2021 10:30:00 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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/20/2021	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:	5/28/2021
		ALS JOB#:	EV21050077
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050077-07
CLIENT PROJECT:	015354	DATE RECEIVED:	05/19/2021
CLIENT SAMPLE ID	MW-14	COLLECTION DATE:	5/19/2021 10:40:00 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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
CLIENT CONTACT:	Sean Trimble	ALS JOB#:	EV21050077
CLIENT PROJECT:	015354	ALS SAMPLE#:	EV21050077-07
CLIENT SAMPLE ID	MW-14	DATE RECEIVED:	05/19/2021
		COLLECTION DATE:	5/19/2021 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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chromium (VI)	EPA-7196	82	10	1	UG/L	05/19/2021	RAL
Chromium	EPA-200.8	80	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/20/2021	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: 5/28/2021
ALS JOB#: EV21050077
ALS SAMPLE#: EV21050077-08
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/19/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 5/19/2021
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	05/20/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Vinyl Chloride	EPA-8260	2.1	0.20	1	UG/L	05/20/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/20/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	6.5	2.0	1	UG/L	05/20/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trichloroethene	EPA-8260	20	2.0	1	UG/L	05/20/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/20/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050077
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050077-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/19/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021
CLIENT SAMPLE ID	DUP-01	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	05/20/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/20/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/20/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/20/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/20/2021	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: Sean Trimble
CLIENT PROJECT: 015354

DATE: 5/28/2021
ALS SDG#: EV21050077
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-051921W - Batch 166045 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	05/19/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	05/19/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	05/19/2021	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Bromoform	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS SDG#:	EV21050077
	Issaquah, WA 98027	WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY BLANK RESULTS
MB-051921W - Batch 166045 - Water by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	05/19/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/19/2021	DLC

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

MBLK-R383992 - Batch R383992 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	05/19/2021	RAL

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

MB-052121W - Batch 166108 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	05/24/2021	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: Sean Trimble
CLIENT PROJECT: 015354

DATE: 5/28/2021
ALS SDG#: EV21050077
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 166045 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	148			50	150	05/19/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	142	5		50	150	05/19/2021	DLC
Chloromethane - BS	EPA-8260	110			50	150	05/19/2021	DLC
Chloromethane - BSD	EPA-8260	105	4		50	150	05/19/2021	DLC
Vinyl Chloride - BS	EPA-8260	116			50	150	05/19/2021	DLC
Vinyl Chloride - BSD	EPA-8260	110	5		50	150	05/19/2021	DLC
Bromomethane - BS	EPA-8260	108			50	150	05/19/2021	DLC
Bromomethane - BSD	EPA-8260	101	7		50	150	05/19/2021	DLC
Chloroethane - BS	EPA-8260	109			50	150	05/19/2021	DLC
Chloroethane - BSD	EPA-8260	105	4		50	150	05/19/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	114			50	150	05/19/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	109	4		50	150	05/19/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	122			50	150	05/19/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	118	4		50	150	05/19/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	115			72.5	136	05/19/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	110	4		72.5	136	05/19/2021	DLC
Methylene Chloride - BS	EPA-8260	111			50	150	05/19/2021	DLC
Methylene Chloride - BSD	EPA-8260	108	2		50	150	05/19/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	107			50	150	05/19/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	103	4		50	150	05/19/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	106			50	150	05/19/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	102	4		50	150	05/19/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	105			50	150	05/19/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	101	4		50	150	05/19/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	95.5			50	150	05/19/2021	DLC
2,2-Dichloropropane - BSD	EPA-8260	90.1	6		50	150	05/19/2021	DLC
Bromochloromethane - BS	EPA-8260	102			50	150	05/19/2021	DLC
Bromochloromethane - BSD	EPA-8260	99.2	3		50	150	05/19/2021	DLC
Chloroform - BS	EPA-8260	108			50	150	05/19/2021	DLC
Chloroform - BSD	EPA-8260	104	4		50	150	05/19/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	108			50	150	05/19/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	104	4		50	150	05/19/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	111			50	150	05/19/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	106	4		50	150	05/19/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	108			50	150	05/19/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	106	3		50	150	05/19/2021	DLC
Trichloroethene - BS	EPA-8260	116			74.4	141	05/19/2021	DLC
Trichloroethene - BSD	EPA-8260	112	3		74.4	141	05/19/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	105			50	150	05/19/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS SDG#:	EV21050077
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
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	102	3		50	150	05/19/2021	DLC
Dibromomethane - BS	EPA-8260	104			50	150	05/19/2021	DLC
Dibromomethane - BSD	EPA-8260	102	2		50	150	05/19/2021	DLC
Bromodichloromethane - BS	EPA-8260	106			50	150	05/19/2021	DLC
Bromodichloromethane - BSD	EPA-8260	102	3		50	150	05/19/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	101			50	150	05/19/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	99.5	1		50	150	05/19/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	104			50	150	05/19/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	101	3		50	150	05/19/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	102			50	150	05/19/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	100	2		50	150	05/19/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	102			50	150	05/19/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	101	1		50	150	05/19/2021	DLC
Tetrachloroethylene - BS	EPA-8260	117			50	150	05/19/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	115	2		50	150	05/19/2021	DLC
Dibromochloromethane - BS	EPA-8260	101			50	150	05/19/2021	DLC
Dibromochloromethane - BSD	EPA-8260	101	1		50	150	05/19/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	101			50	150	05/19/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	100	1		50	150	05/19/2021	DLC
Chlorobenzene - BS	EPA-8260	100			73	131	05/19/2021	DLC
Chlorobenzene - BSD	EPA-8260	98.0	2		73	131	05/19/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	102			50	150	05/19/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	99.6	2		50	150	05/19/2021	DLC
Bromoform - BS	EPA-8260	100			50	150	05/19/2021	DLC
Bromoform - BSD	EPA-8260	99.8	1		50	150	05/19/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	94.4			50	150	05/19/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	94.0	0		50	150	05/19/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	98.3			50	150	05/19/2021	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	98.4	0		50	150	05/19/2021	DLC
Bromobenzene - BS	EPA-8260	101			50	150	05/19/2021	DLC
Bromobenzene - BSD	EPA-8260	98.9	2		50	150	05/19/2021	DLC
2-Chlorotoluene - BS	EPA-8260	99.9			50	150	05/19/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	97.7	2		50	150	05/19/2021	DLC
4-Chlorotoluene - BS	EPA-8260	101			50	150	05/19/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	98.4	3		50	150	05/19/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	102			50	150	05/19/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	100	2		50	150	05/19/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	101			50	150	05/19/2021	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	99.8	2		50	150	05/19/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	101			50	150	05/19/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV21050077
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	99.5	2		50	150	05/19/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	98.8			50	150	05/19/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	98.3	0		50	150	05/19/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	101			50	150	05/19/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	99.3	2		50	150	05/19/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	107			50	150	05/19/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	104	3		50	150	05/19/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	101			50	150	05/19/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	99.6	2		50	150	05/19/2021	DLC

ALS Test Batch ID: R383992 - 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	05/19/2021	RAL
Chromium (VI) - BSD	EPA-7196	102	0		90	114	05/19/2021	RAL

ALS Test Batch ID: 166108 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	102			88.3	110.2	05/24/2021	RAL
Chromium - BSD	EPA-200.8	99.2	3		88.3	110.2	05/24/2021	RAL

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)

EV21050077

Date 5-19-21 Page 1 Of 1

PROJECT ID: REPORT TO COMPANY: PROJECT MANAGER: ADDRESS: PHONE: E-MAIL: INVOICE TO COMPANY: ATTENTION: ADDRESS:	015354 TRC Sean Trimble 1180 NW Maple St, Ste 310 Issaquah, WA 425-395-0010 Strimble@TRCcompanies.com P.O. #:	ANALYSIS REQUESTED				OTHER (Specify)													
		NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260	MTBE by EPA 8021 ☐ MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 (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 ☐ Pb Pol ☐ TAL	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs	Total C.V.I. by EPA 200.8 Total C by EPA 200.8	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-05i	5-18-21	1347	W	1			X											3	
2. MW-05s	5-18-21	1418		2			X										X	5	
3. MW-20s	5-18-21	1450		3			X										X	5	
4. MW-19 ^{SA}	5-19-21	0930		4			X											3	
5. MW-20 ^{SA}	5-19-21	0940		5			X											3	
6. MW-3	5-19-21	1030		6			X											3	
7. MW-14	5-19-21	1040	↓	7			X										X	5	
8. DUP-01	5-19-21	—	W	8			X											3	
9.																			
10.																			

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: David York, TRC 5-19-21 / 1100

Received By: Abdul 5-19-21 1100

2. Relinquished By: _____

Received By: _____

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

Specify: 10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

*Turnaround request less than standard may incur Rush Charges



May 28, 2021

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On May 20th, 23 samples were received by our laboratory and assigned our laboratory project number EV21050087. 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

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:26:00 AM
CLIENT SAMPLE ID	MW-29s	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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:26:00 AM
CLIENT SAMPLE ID	MW-29s	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	05/21/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	105	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:34:00 AM
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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	1.6	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:34:00 AM
CLIENT SAMPLE ID	MW-15i	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:40:00 AM
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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	2.5	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:40:00 AM
CLIENT SAMPLE ID	MW-15s	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/21/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-04
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	MW-16	COLLECTION DATE:	5/19/2021 11:47:00 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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 11:47:00 AM
CLIENT SAMPLE ID	MW-16	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/21/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-05
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	SBW-1	COLLECTION DATE:	5/19/2021 12:45:00 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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-05
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 12:45:00 PM
CLIENT SAMPLE ID	SBW-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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	106	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/21/2021	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: 5/28/2021
ALS JOB#: EV21050087
ALS SAMPLE#: EV21050087-06
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/20/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 5/19/2021 12:50:00 PM
CLIENT SAMPLE ID: MW-07ir
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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	0.58	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-06
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 12:50:00 PM
CLIENT SAMPLE ID	MW-07ir	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 12:55:00 PM
CLIENT SAMPLE ID	MW-07s	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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	2.1	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-07
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 12:55:00 PM
CLIENT SAMPLE ID	MW-07s	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 1:00:00 PM
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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	1.5	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-08
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 1:00:00 PM
CLIENT SAMPLE ID	MW-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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/21/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-09
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	MW-24s	COLLECTION DATE:	5/19/2021 1:09:00 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	05/24/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Vinyl Chloride	EPA-8260	2.5	0.20	1	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	6.4	2.0	1	UG/L	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichloroethene	EPA-8260	2.1	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-09
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 1:09:00 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	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	104	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-10
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	MW-4	COLLECTION DATE:	5/19/2021 1:25:00 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	05/24/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-10
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 1:25:00 PM
CLIENT SAMPLE ID	MW-4	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	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/24/2021	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: 5/28/2021
ALS JOB#: EV21050087
ALS SAMPLE#: EV21050087-11
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/20/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 5/19/2021 1:50:00 PM
CLIENT SAMPLE ID: MW-28s
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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-11
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 1:50:00 PM
CLIENT SAMPLE ID	MW-28s	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 2:00:00 PM
CLIENT SAMPLE ID	MW-10	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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	1.6	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-12
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 2:00:00 PM
CLIENT SAMPLE ID	MW-10	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	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/21/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 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	05/21/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Vinyl Chloride	EPA-8260	2.3	0.20	1	UG/L	05/21/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	16	2.0	1	UG/L	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-13
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 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
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/21/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/21/2021	DLC
4-Bromofluorobenzene	EPA-8260	103	05/21/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-14
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	SBW-2	COLLECTION DATE:	5/19/2021 2:50:00 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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	8.3	0.20	1	UG/L	05/22/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	27	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	31	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-14
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 2:50:00 PM
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	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	30	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	107	05/22/2021	DLC
4-Bromofluorobenzene	EPA-8260	107	05/22/2021	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-15
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 3:11:00 PM
CLIENT SAMPLE ID	MW-8i	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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/22/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-15
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 3:11:00 PM
CLIENT SAMPLE ID	MW-8i	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	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/22/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/22/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-16
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	MW-8s	COLLECTION DATE:	5/19/2021 2:59:00 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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	57	2.0	10	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	11	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	4.9	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-16
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/19/2021 2:59:00 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	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	05/22/2021	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	108	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/22/2021	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	106	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-17
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 9:00:00 AM
CLIENT SAMPLE ID	MW-19	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	05/20/2021	RAL
Chromium	EPA-200.8	11	2.0	1	UG/L	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-18
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 9:20:00 AM
CLIENT SAMPLE ID	MW-18	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	05/20/2021	RAL
Chromium	EPA-200.8	24	2.0	1	UG/L	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-19
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 10:10:00 AM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	65	2.0	1	UG/L	05/24/2021	RAL

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

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-20
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021
CLIENT SAMPLE ID	DUP-01	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	05/20/2021	RAL
Chromium	EPA-200.8	61	2.0	1	UG/L	05/24/2021	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: 5/28/2021
ALS JOB#: EV21050087
ALS SAMPLE#: EV21050087-21
CLIENT CONTACT: Sean Trimble
DATE RECEIVED: 05/20/2021
CLIENT PROJECT: 015354
COLLECTION DATE: 5/20/2021 11:05:00 AM
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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/22/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.8	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-21
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 11:05:00 AM
CLIENT SAMPLE ID	MW-11	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	4.7	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/22/2021	DLC
4-Bromofluorobenzene	EPA-8260	107	05/22/2021	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:	5/28/2021
		ALS JOB#:	EV21050087
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050087-22
CLIENT PROJECT:	015354	DATE RECEIVED:	05/20/2021
CLIENT SAMPLE ID	SBW-3	COLLECTION DATE:	5/20/2021 11:20:00 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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	0.21	0.20	1	UG/L	05/22/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	22	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	38	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050087
		ALS SAMPLE#:	EV21050087-22
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 11:20:00 AM
CLIENT SAMPLE ID	SBW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chromium (VI)	EPA-7196	95	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	100	2.0	1	UG/L	05/24/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/22/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/22/2021	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: 5/28/2021
ALS JOB#: EV21050087
ALS SAMPLE#: EV21050087-23

CLIENT CONTACT: Sean Trimble

DATE RECEIVED: 05/20/2021

CLIENT PROJECT: 015354

COLLECTION DATE: 5/20/2021

CLIENT SAMPLE ID DUP-02

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	05/22/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/22/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/22/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	2.8	2.0	1	UG/L	05/22/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/22/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050087
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050087-23
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/20/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021
CLIENT SAMPLE ID	DUP-02	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	05/22/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/22/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/22/2021	DLC
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	4.7	2.0	1	UG/L	05/27/2021	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/22/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/22/2021	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: Sean Trimble
CLIENT PROJECT: 015354

DATE: 5/28/2021
ALS SDG#: EV21050087
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-052121W - Batch 166232 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	05/21/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	05/21/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	05/21/2021	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Bromoform	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 5/28/2021
ALS SDG#: EV21050087
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-052121W - Batch 166232 - Water by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	05/21/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/21/2021	DLC

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

MB-052421W - Batch 166245 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	05/24/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC

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ALS Group USA, Corp dba ALS Environmental

Environmental

www.alsglobal.com

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CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS SDG#:	EV21050087
	Issaquah, WA 98027	WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY BLANK RESULTS
MB-052421W - Batch 166245 - Water by EPA-8260

Bromoform	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC

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

MBLK-R384086 - Batch R384086 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	05/20/2021	RAL

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

MB-052121W - Batch 166108 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	05/24/2021	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:	5/28/2021
		ALS SDG#:	EV21050087
CLIENT CONTACT:	Sean Trimble	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 166232 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	129			50	150	05/21/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	136	5		50	150	05/21/2021	DLC
Chloromethane - BS	EPA-8260	98.1			50	150	05/21/2021	DLC
Chloromethane - BSD	EPA-8260	105	7		50	150	05/21/2021	DLC
Vinyl Chloride - BS	EPA-8260	106			50	150	05/21/2021	DLC
Vinyl Chloride - BSD	EPA-8260	112	5		50	150	05/21/2021	DLC
Bromomethane - BS	EPA-8260	107			50	150	05/21/2021	DLC
Bromomethane - BSD	EPA-8260	109	2		50	150	05/21/2021	DLC
Chloroethane - BS	EPA-8260	102			50	150	05/21/2021	DLC
Chloroethane - BSD	EPA-8260	108	5		50	150	05/21/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	106			50	150	05/21/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	112	5		50	150	05/21/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	113			50	150	05/21/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	119	5		50	150	05/21/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	107			72.5	136	05/21/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	113	6		72.5	136	05/21/2021	DLC
Methylene Chloride - BS	EPA-8260	99.5			50	150	05/21/2021	DLC
Methylene Chloride - BSD	EPA-8260	106	6		50	150	05/21/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	101			50	150	05/21/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	107	6		50	150	05/21/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	102			50	150	05/21/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	107	5		50	150	05/21/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	101			50	150	05/21/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	107	6		50	150	05/21/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	114			50	150	05/21/2021	DLC
2,2-Dichloropropane - BSD	EPA-8260	119	4		50	150	05/21/2021	DLC
Bromochloromethane - BS	EPA-8260	100			50	150	05/21/2021	DLC
Bromochloromethane - BSD	EPA-8260	106	5		50	150	05/21/2021	DLC
Chloroform - BS	EPA-8260	105			50	150	05/21/2021	DLC
Chloroform - BSD	EPA-8260	111	6		50	150	05/21/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	102			50	150	05/21/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	108	6		50	150	05/21/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	104			50	150	05/21/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	110	6		50	150	05/21/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	108			50	150	05/21/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	115	6		50	150	05/21/2021	DLC
Trichloroethene - BS	EPA-8260	105			74.4	141	05/21/2021	DLC
Trichloroethene - BSD	EPA-8260	112	7		74.4	141	05/21/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	102			50	150	05/21/2021	DLC

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ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626

ALS Group USA, Corp dba ALS Environmental



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS SDG#:	EV21050087
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
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	109	6		50	150	05/21/2021	DLC
Dibromomethane - BS	EPA-8260	103			50	150	05/21/2021	DLC
Dibromomethane - BSD	EPA-8260	108	5		50	150	05/21/2021	DLC
Bromodichloromethane - BS	EPA-8260	104			50	150	05/21/2021	DLC
Bromodichloromethane - BSD	EPA-8260	110	6		50	150	05/21/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	103			50	150	05/21/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	109	6		50	150	05/21/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	105			50	150	05/21/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	111	5		50	150	05/21/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	99.1			50	150	05/21/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	106	6		50	150	05/21/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	99.2			50	150	05/21/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	105	6		50	150	05/21/2021	DLC
Tetrachloroethylene - BS	EPA-8260	83.3			50	150	05/21/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	95.9	14		50	150	05/21/2021	DLC
Dibromochloromethane - BS	EPA-8260	96.9			50	150	05/21/2021	DLC
Dibromochloromethane - BSD	EPA-8260	104	7		50	150	05/21/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	97.9			50	150	05/21/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	104	6		50	150	05/21/2021	DLC
Chlorobenzene - BS	EPA-8260	96.6			73	131	05/21/2021	DLC
Chlorobenzene - BSD	EPA-8260	103	7		73	131	05/21/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	97.8			50	150	05/21/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	105	7		50	150	05/21/2021	DLC
Bromoform - BS	EPA-8260	97.6			50	150	05/21/2021	DLC
Bromoform - BSD	EPA-8260	103	6		50	150	05/21/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	99.7			50	150	05/21/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	105	5		50	150	05/21/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	95.2			50	150	05/21/2021	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	102	6		50	150	05/21/2021	DLC
Bromobenzene - BS	EPA-8260	97.1			50	150	05/21/2021	DLC
Bromobenzene - BSD	EPA-8260	105	8		50	150	05/21/2021	DLC
2-Chlorotoluene - BS	EPA-8260	95.2			50	150	05/21/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	103	7		50	150	05/21/2021	DLC
4-Chlorotoluene - BS	EPA-8260	96.9			50	150	05/21/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	104	7		50	150	05/21/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	98.2			50	150	05/21/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	106	7		50	150	05/21/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	98.3			50	150	05/21/2021	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	106	7		50	150	05/21/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	97.7			50	150	05/21/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS SDG#:	EV21050087
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	105	7		50	150	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	95.8			50	150	05/21/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	102	6		50	150	05/21/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	95.8			50	150	05/21/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	104	9		50	150	05/21/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	97.8			50	150	05/21/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	105	7		50	150	05/21/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	94.9			50	150	05/21/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	106	11		50	150	05/21/2021	DLC

ALS Test Batch ID: 166245 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	83.8			50	150	05/24/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	79.7	5		50	150	05/24/2021	DLC
Chloromethane - BS	EPA-8260	81.4			50	150	05/24/2021	DLC
Chloromethane - BSD	EPA-8260	76.9	6		50	150	05/24/2021	DLC
Vinyl Chloride - BS	EPA-8260	99.3			50	150	05/24/2021	DLC
Vinyl Chloride - BSD	EPA-8260	96.0	3		50	150	05/24/2021	DLC
Bromomethane - BS	EPA-8260	101			50	150	05/24/2021	DLC
Bromomethane - BSD	EPA-8260	94.9	7		50	150	05/24/2021	DLC
Chloroethane - BS	EPA-8260	101			50	150	05/24/2021	DLC
Chloroethane - BSD	EPA-8260	98.1	3		50	150	05/24/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	115			50	150	05/24/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	111	3		50	150	05/24/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	117			50	150	05/24/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	115	2		50	150	05/24/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	112			72.5	136	05/24/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	109	3		72.5	136	05/24/2021	DLC
Methylene Chloride - BS	EPA-8260	96.7			50	150	05/24/2021	DLC
Methylene Chloride - BSD	EPA-8260	95.9	1		50	150	05/24/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	105			50	150	05/24/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	102	4		50	150	05/24/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	106			50	150	05/24/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	102	3		50	150	05/24/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	121			50	150	05/24/2021	DLC
2,2-Dichloropropane - BSD	EPA-8260	113	6		50	150	05/24/2021	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	05/24/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS SDG#:	EV21050087
CLIENT CONTACT:	Sean Trimble	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Bromochloromethane - BSD	EPA-8260	99.7	3		50	150	05/24/2021	DLC
Chloroform - BS	EPA-8260	110			50	150	05/24/2021	DLC
Chloroform - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	110			50	150	05/24/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	111			50	150	05/24/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	110			50	150	05/24/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	109	2		50	150	05/24/2021	DLC
Trichloroethene - BS	EPA-8260	113			74.4	141	05/24/2021	DLC
Trichloroethene - BSD	EPA-8260	109	4		74.4	141	05/24/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,2-Dichloropropane - BSD	EPA-8260	103	3		50	150	05/24/2021	DLC
Dibromomethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
Dibromomethane - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
Bromodichloromethane - BS	EPA-8260	108			50	150	05/24/2021	DLC
Bromodichloromethane - BSD	EPA-8260	105	3		50	150	05/24/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	107			50	150	05/24/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	105	1		50	150	05/24/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	108			50	150	05/24/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	105	3		50	150	05/24/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	104			50	150	05/24/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	103	1		50	150	05/24/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	103			50	150	05/24/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	102	1		50	150	05/24/2021	DLC
Tetrachloroethylene - BS	EPA-8260	102			50	150	05/24/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	95.3	7		50	150	05/24/2021	DLC
Dibromochloromethane - BS	EPA-8260	103			50	150	05/24/2021	DLC
Dibromochloromethane - BSD	EPA-8260	101	1		50	150	05/24/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	104			50	150	05/24/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	103	0		50	150	05/24/2021	DLC
Chlorobenzene - BS	EPA-8260	104			73	131	05/24/2021	DLC
Chlorobenzene - BSD	EPA-8260	101	3		73	131	05/24/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
Bromoform - BS	EPA-8260	102			50	150	05/24/2021	DLC
Bromoform - BSD	EPA-8260	102	0		50	150	05/24/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	105			50	150	05/24/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	106	1		50	150	05/24/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	103			50	150	05/24/2021	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 5/28/2021
ALS SDG#: EV21050087
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2,3-Trichloropropane - BSD	EPA-8260	103	0		50	150	05/24/2021	DLC
Bromobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC
Bromobenzene - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
2-Chlorotoluene - BS	EPA-8260	103			50	150	05/24/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	101	2		50	150	05/24/2021	DLC
4-Chlorotoluene - BS	EPA-8260	104			50	150	05/24/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	102	2		50	150	05/24/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	104	2		50	150	05/24/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	102			50	150	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	104	2		50	150	05/24/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	110			50	150	05/24/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	108	1		50	150	05/24/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC

ALS Test Batch ID: R384086 - 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	05/20/2021	RAL
Chromium (VI) - BSD	EPA-7196	103	3		90	114	05/20/2021	RAL

ALS Test Batch ID: 166108 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	102			88.3	110.2	05/24/2021	RAL
Chromium - BSD	EPA-200.8	99.2	3		88.3	110.2	05/24/2021	RAL

APPROVED BY

Laboratory Director



*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)

EV21050087

Date 5-20-21 Page 2 of 3

PROJECT ID:				ANALYSIS REQUESTED														OTHER (Specify)		NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?											
REPORT TO COMPANY:	PROJECT MANAGER:	ADDRESS:	PHONE:	E-MAIL:	INVOICE TO COMPANY:	ATTENTION:	ADDRESS:	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 (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	Pesticides by EPA 8081			Metals-MTCA-5	RCRA-8	Pt Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	
1.	MW-285	5-19-21	1350	W	11									X																	3	
2.	MW-10		1400		12									X																	3	
3.	MW-265		1405		13									X																	3	
4.	SBW-2		1450		14									X																	5	
5.	MW-8i		1511		15									X																	3	
6.	MW-8s	5-19-21	1459		16									X																	3	
7.	MW-19	5-20-21	0900		17																										2	
8.	MW-18	5-20-21	0920		18																										2	
9.	MW-3	5-20-21	1010		19																										2	
10.	DUP-01	5-20-21	—		20																										2	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Quench, TRC, 5-20-21 / 1145
- Received By: JBond As 5-20-21 1145
- Relinquished By: _____
- Received By: _____

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

Specify: ☒ Standard ☐ 5 ☐ 3 ☐ 2 ☐ 1 ☐ SAME DAY

Fuels & Hydrocarbon Analysis

Specify: ☒ Standard ☐ 5 ☐ 3 ☐ 2 ☐ 1 ☐ SAME DAY

*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)

EV2105 0087

Date 5-20-21 Page 3 Of 3

PROJECT ID:				ANALYSIS REQUESTED										OTHER (Specify)									
REPORT TO COMPANY:				TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐										RECEIVED IN GOOD CONDITION?									
PROJECT MANAGER:				Metals Other (Specify)										NUMBER OF CONTAINERS									
ADDRESS:				Metals-MTCA-5 ☐ RCRA-8 ☐ Pb Pol ☐ TAL ☐																			
PHONE:				PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐																			
E-MAIL:				Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM																			
INVOICE TO COMPANY:				Semivolatile Organic Compounds by EPA 8270																			
ATTENTION:				EDB / EDC by EPA 8260 (soil)																			
ADDRESS:				EDB / EDC by EPA 8260 SIM (water)																			
				Volatile Organic Compounds by EPA 8260																			
				Halogenated Volatiles by EPA 8260																			
				MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐																			
				BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐																			
				NMTPH-GX																			
				NMTPH-DX																			
				NMTPH-HCID																			
SAMPLE I.D.				DATE		TIME		TYPE		LAB#													
1. MW-11				5-20-21		1105		W		21		Total C, VI by EPA 200.8											
2. SBW-3				5-20-21		1120		W		22		Total C by EPA 200.8											
3. DUP-02				5-20-21		—		W		23													
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Sean Trimble, TRC, 5-20-21 1145
Received By: AS 5-20-21 1145
2. Relinquished By: _____
Received By: _____

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

OTHER: _____
Specify: _____
Standard
10 5 3 2 1 SAME DAY
Fuels & Hydrocarbon Analysis
5 3 1 SAME DAY

*Turnaround request less than standard may incur Rush Charges



May 28, 2021

Mr. Sean Trimble
TRC Companies
1180 NW Maple St, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble,

On May 21st, 4 samples were received by our laboratory and assigned our laboratory project number EV21050095. 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

Glen Perry
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies	DATE:	5/28/2021
	1180 NW Maple St, Suite 310	ALS JOB#:	EV21050095
	Issaquah, WA 98027	ALS SAMPLE#:	EV21050095-01
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/21/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 12:00:00 PM
CLIENT SAMPLE ID	MW-27s	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	05/24/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroform	EPA-8260	23	2.0	1	UG/L	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050095
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050095-01
CLIENT PROJECT:	015354	DATE RECEIVED:	05/21/2021
CLIENT SAMPLE ID	MW-27s	COLLECTION DATE:	5/20/2021 12:00:00 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	05/24/2021	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050095
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050095-02
CLIENT PROJECT:	015354	DATE RECEIVED:	05/21/2021
CLIENT SAMPLE ID	MW-21s	COLLECTION DATE:	5/20/2021 12:55:00 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	05/24/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050095
		ALS SAMPLE#:	EV21050095-02
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/21/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 12:55:00 PM
CLIENT SAMPLE ID	MW-21s	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	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	109	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	106	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050095
CLIENT CONTACT:	Sean Trimble	ALS SAMPLE#:	EV21050095-03
CLIENT PROJECT:	015354	DATE RECEIVED:	05/21/2021
CLIENT SAMPLE ID	MW-25s	COLLECTION DATE:	5/20/2021 1:05:00 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	05/24/2021	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/24/2021	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS JOB#:	EV21050095
		ALS SAMPLE#:	EV21050095-03
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/21/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 1:05:00 PM
CLIENT SAMPLE ID	MW-25s	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	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/24/2021	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	108	05/24/2021	DLC
4-Bromofluorobenzene	EPA-8260	105	05/24/2021	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:	5/28/2021
		ALS JOB#:	EV21050095
		ALS SAMPLE#:	EV21050095-04
CLIENT CONTACT:	Sean Trimble	DATE RECEIVED:	05/21/2021
CLIENT PROJECT:	015354	COLLECTION DATE:	5/20/2021 1:42:00 PM
CLIENT SAMPLE ID	MW-8s	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	10	1	UG/L	05/20/2021	RAL
Chromium	EPA-200.8	82	2.0	1	UG/L	05/24/2021	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: Sean Trimble
CLIENT PROJECT: 015354

DATE: 5/28/2021
ALS SDG#: EV21050095
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-052421W - Batch 166245 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	05/24/2021	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	05/24/2021	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Chloroform	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	05/24/2021	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromoform	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
CLIENT CONTACT:	Sean Trimble	ALS SDG#:	EV21050095
CLIENT PROJECT:	015354	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS
MB-052421W - Batch 166245 - Water by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	05/24/2021	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/24/2021	DLC

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

MBLK-R384195 - Batch R384195 - Water by EPA-7196

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium (VI)	EPA-7196	U	UG/L	10	05/20/2021	RAL

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

MB-052121W - Batch 166108 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Chromium	EPA-200.8	U	UG/L	2.0	05/24/2021	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:	5/28/2021
		ALS SDG#:	EV21050095
CLIENT CONTACT:	Sean Trimble	WDOE ACCREDITATION:	C601
CLIENT PROJECT:	015354		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 166245 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	83.8			50	150	05/24/2021	DLC
Dichlorodifluoromethane - BSD	EPA-8260	79.7	5		50	150	05/24/2021	DLC
Chloromethane - BS	EPA-8260	81.4			50	150	05/24/2021	DLC
Chloromethane - BSD	EPA-8260	76.9	6		50	150	05/24/2021	DLC
Vinyl Chloride - BS	EPA-8260	99.3			50	150	05/24/2021	DLC
Vinyl Chloride - BSD	EPA-8260	96.0	3		50	150	05/24/2021	DLC
Bromomethane - BS	EPA-8260	101			50	150	05/24/2021	DLC
Bromomethane - BSD	EPA-8260	94.9	7		50	150	05/24/2021	DLC
Chloroethane - BS	EPA-8260	101			50	150	05/24/2021	DLC
Chloroethane - BSD	EPA-8260	98.1	3		50	150	05/24/2021	DLC
Carbon Tetrachloride - BS	EPA-8260	115			50	150	05/24/2021	DLC
Carbon Tetrachloride - BSD	EPA-8260	111	3		50	150	05/24/2021	DLC
Trichlorofluoromethane - BS	EPA-8260	117			50	150	05/24/2021	DLC
Trichlorofluoromethane - BSD	EPA-8260	115	2		50	150	05/24/2021	DLC
1,1-Dichloroethene - BS	EPA-8260	112			72.5	136	05/24/2021	DLC
1,1-Dichloroethene - BSD	EPA-8260	109	3		72.5	136	05/24/2021	DLC
Methylene Chloride - BS	EPA-8260	96.7			50	150	05/24/2021	DLC
Methylene Chloride - BSD	EPA-8260	95.9	1		50	150	05/24/2021	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	105			50	150	05/24/2021	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
1,1-Dichloroethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,1-Dichloroethane - BSD	EPA-8260	102	4		50	150	05/24/2021	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	106			50	150	05/24/2021	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	102	3		50	150	05/24/2021	DLC
2,2-Dichloropropane - BS	EPA-8260	121			50	150	05/24/2021	DLC
2,2-Dichloropropane - BSD	EPA-8260	113	6		50	150	05/24/2021	DLC
Bromochloromethane - BS	EPA-8260	103			50	150	05/24/2021	DLC
Bromochloromethane - BSD	EPA-8260	99.7	3		50	150	05/24/2021	DLC
Chloroform - BS	EPA-8260	110			50	150	05/24/2021	DLC
Chloroform - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,1,1-Trichloroethane - BS	EPA-8260	110			50	150	05/24/2021	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,1-Dichloropropene - BS	EPA-8260	111			50	150	05/24/2021	DLC
1,1-Dichloropropene - BSD	EPA-8260	106	4		50	150	05/24/2021	DLC
1,2-Dichloroethane - BS	EPA-8260	110			50	150	05/24/2021	DLC
1,2-Dichloroethane - BSD	EPA-8260	109	2		50	150	05/24/2021	DLC
Trichloroethene - BS	EPA-8260	113			74.4	141	05/24/2021	DLC
Trichloroethene - BSD	EPA-8260	109	4		74.4	141	05/24/2021	DLC
1,2-Dichloropropane - BS	EPA-8260	106			50	150	05/24/2021	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	5/28/2021
		ALS SDG#:	EV21050095
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
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	103	3		50	150	05/24/2021	DLC
Dibromomethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
Dibromomethane - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
Bromodichloromethane - BS	EPA-8260	108			50	150	05/24/2021	DLC
Bromodichloromethane - BSD	EPA-8260	105	3		50	150	05/24/2021	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	107			50	150	05/24/2021	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	105	1		50	150	05/24/2021	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	108			50	150	05/24/2021	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	105	3		50	150	05/24/2021	DLC
1,1,2-Trichloroethane - BS	EPA-8260	104			50	150	05/24/2021	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	103	1		50	150	05/24/2021	DLC
1,3-Dichloropropane - BS	EPA-8260	103			50	150	05/24/2021	DLC
1,3-Dichloropropane - BSD	EPA-8260	102	1		50	150	05/24/2021	DLC
Tetrachloroethylene - BS	EPA-8260	102			50	150	05/24/2021	DLC
Tetrachloroethylene - BSD	EPA-8260	95.3	7		50	150	05/24/2021	DLC
Dibromochloromethane - BS	EPA-8260	103			50	150	05/24/2021	DLC
Dibromochloromethane - BSD	EPA-8260	101	1		50	150	05/24/2021	DLC
1,2-Dibromoethane - BS	EPA-8260	104			50	150	05/24/2021	DLC
1,2-Dibromoethane - BSD	EPA-8260	103	0		50	150	05/24/2021	DLC
Chlorobenzene - BS	EPA-8260	104			73	131	05/24/2021	DLC
Chlorobenzene - BSD	EPA-8260	101	3		73	131	05/24/2021	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
Bromoform - BS	EPA-8260	102			50	150	05/24/2021	DLC
Bromoform - BSD	EPA-8260	102	0		50	150	05/24/2021	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	105			50	150	05/24/2021	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	106	1		50	150	05/24/2021	DLC
1,2,3-Trichloropropane - BS	EPA-8260	103			50	150	05/24/2021	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	103	0		50	150	05/24/2021	DLC
Bromobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC
Bromobenzene - BSD	EPA-8260	103	2		50	150	05/24/2021	DLC
2-Chlorotoluene - BS	EPA-8260	103			50	150	05/24/2021	DLC
2-Chlorotoluene - BSD	EPA-8260	101	2		50	150	05/24/2021	DLC
4-Chlorotoluene - BS	EPA-8260	104			50	150	05/24/2021	DLC
4-Chlorotoluene - BSD	EPA-8260	102	2		50	150	05/24/2021	DLC
1,3-Dichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
1,4-Dichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	104	2		50	150	05/24/2021	DLC
1,2-Dichlorobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 5/28/2021
ALS SDG#: EV21050095
WDOE ACCREDITATION: C601

CLIENT CONTACT: Sean Trimble
CLIENT PROJECT: 015354

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,2-Dichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	102			50	150	05/24/2021	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	104	2		50	150	05/24/2021	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	106			50	150	05/24/2021	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC
Hexachlorobutadiene - BS	EPA-8260	110			50	150	05/24/2021	DLC
Hexachlorobutadiene - BSD	EPA-8260	108	1		50	150	05/24/2021	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	105			50	150	05/24/2021	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	104	1		50	150	05/24/2021	DLC

ALS Test Batch ID: R384195 - 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	05/20/2021	RAL
Chromium (VI) - BSD	EPA-7196	101	1		90	114	05/20/2021	RAL

ALS Test Batch ID: 166108 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chromium - BS	EPA-200.8	102			88.3	110.2	05/24/2021	RAL
Chromium - BSD	EPA-200.8	99.2	3		88.3	110.2	05/24/2021	RAL

APPROVED BY

Laboratory Director



ALS Job# (Laboratory Use Only)

EV21050095

<http://www.alsglobal.com>

Date 5-20-21 Page 1 Of 1

PROJECT ID:	015354
REPORT TO COMPANY:	TRC
PROJECT MANAGER:	Sean Trimble
ADDRESS:	1180 NW Maple St, Ste 310 Issaquah, WA
PHONE:	425-395-0010
E-MAIL:	Strimble@trc.companies.com
INVOICE TO COMPANY:	
ATTENTION:	
ADDRESS:	

[illegible]

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Angela TRC 5-20-21 / 1500
Received By: AS 5-21-21 1042

2. Relinquished By: _____

Received By:

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

Fuels & Hydrocarbon Analysis

*Turnaround request less than standard may incur Rush Charges

Attachment B
Laboratory Analytical Reports for System Vapors



Fremont
Analytical

3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2002395

March 02, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 2/24/2020 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



Date: 03/02/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2002395

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2002395-001	S2-EFF-0224	02/24/2020 11:05 AM	02/24/2020 11:44 AM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2002395
Date Reported: 3/2/2020

Client: TRC

Collection Date: 2/24/2020 11:05:00 AM

Project: WA Industries

Lab ID: 2002395-001

Matrix: Air

Client Sample ID: S2-EFF-0224

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27598

Analyst: KT

Dichlorodifluoromethane	ND	0.100	Q	µg/L	1	2/27/2020 7:32:01 AM
Chloromethane	ND	0.100	Q	µg/L	1	2/27/2020 7:32:01 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/27/2020 7:32:01 AM
Bromomethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Chloroethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Methylene chloride	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Chloroform	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Benzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Trichloroethene (TCE)	0.297	0.0500		µg/L	1	2/27/2020 7:32:01 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Bromodichloromethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Dibromomethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Toluene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	2/27/2020 7:32:01 AM
Chlorobenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Ethylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
m,p-Xylene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
o-Xylene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Styrene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Bromoform	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM

Original



Analytical Report

Work Order: 2002395
Date Reported: 3/2/2020

Client: TRC

Collection Date: 2/24/2020 11:05:00 AM

Project: WA Industries

Lab ID: 2002395-001

Matrix: Air

Client Sample ID: S2-EFF-0224

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27598

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Bromobenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/27/2020 7:32:01 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/27/2020 7:32:01 AM
Naphthalene	ND	0.100		µg/L	1	2/27/2020 7:32:01 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/27/2020 7:32:01 AM
Surr: Dibromofluoromethane	99.8	56.4 - 141		%Rec	1	2/27/2020 7:32:01 AM
Surr: Toluene-d8	99.6	66 - 138		%Rec	1	2/27/2020 7:32:01 AM
Surr: 1-Bromo-4-fluorobenzene	95.5	64.7 - 128		%Rec	1	2/27/2020 7:32:01 AM

NOTES:

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



Date: 3/2/2020

Work Order: 2002395
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598	SampType: MBLK	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: MBLKW	Batch ID: 27598	Analysis Date: 2/27/2020						SeqNo: 1152298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									Q
Chloromethane	ND	0.100									Q
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									

Work Order: 2002395
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598	SampType: MBLK	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: MBLKW	Batch ID: 27598	Analysis Date: 2/27/2020						SeqNo: 1152298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.42		2.500		96.9	56.4	141				
Surr: Toluene-d8	2.52		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.33		2.500		93.1	64.7	128				



Date: 3/2/2020

Work Order: 2002395
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598		SampType: MBLK			Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: MBLKW		Batch ID: 27598			Analysis Date: 2/27/2020					SeqNo: 1152298		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

NOTES:

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

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: BATCH		Batch ID: 27598					Analysis Date: 2/27/2020			SeqNo: 1152293	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	Q
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	1.68	0.0500						1.695	0.916	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	

Work Order: 2002395
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: BATCH		Batch ID: 27598		Analysis Date: 2/27/2020			SeqNo: 1152293				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	



Date: 3/2/2020

Work Order: 2002395
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: BATCH		Batch ID: 27598					Analysis Date: 2/27/2020			SeqNo: 1152293	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.54		2.500		102	61.1	128		0		
Surr: Toluene-d8	2.50		2.500		99.9	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.38		2.500		95.2	64.7	128		0		

NOTES:

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

Sample ID: LCS-27598	SampType: LCS	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: LCSW	Batch ID: 27598				Analysis Date: 2/27/2020			SeqNo: 1152303			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.29	0.100	2.000	0	64.4	38.8	143				
Chloromethane	1.52	0.100	2.000	0	76.2	42.5	131				
Vinyl chloride	1.52	0.0200	2.000	0	75.8	56.2	130				
Bromomethane	1.54	0.100	2.000	0	76.9	45.4	138				
Trichlorofluoromethane (CFC-11)	1.63	0.100	2.000	0	81.5	64.7	129				
Chloroethane	1.62	0.100	2.000	0	80.8	62.5	123				
1,1-Dichloroethene	1.65	0.100	2.000	0	82.6	60.7	146				
Methylene chloride	1.70	0.100	2.000	0	84.8	60.3	135				
trans-1,2-Dichloroethene	1.65	0.100	2.000	0	82.6	71.3	129				
Methyl tert-butyl ether (MTBE)	1.72	0.100	2.000	0	85.9	59.3	138				
1,1-Dichloroethane	1.70	0.100	2.000	0	85.1	71.3	129				
cis-1,2-Dichloroethene	1.69	0.100	2.000	0	84.6	67.5	127				
Chloroform	1.72	0.100	2.000	0	86.0	70.3	123				
1,1,1-Trichloroethane (TCA)	1.68	0.100	2.000	0	84.1	67.9	134				
1,1-Dichloropropene	1.64	0.100	2.000	0	82.2	72.1	133				
Carbon tetrachloride	1.67	0.100	2.000	0	83.3	64.4	133				
1,2-Dichloroethane (EDC)	1.71	0.100	2.000	0	85.4	65.8	126				
Benzene	1.70	0.100	2.000	0	84.8	67.1	132				



Date: 3/2/2020

Work Order: 2002395
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-27598	SampType: LCS	Units: µg/L				Prep Date: 2/27/2020			RunNo: 57712		
Client ID: LCSW	Batch ID: 27598	Analysis Date: 2/27/2020							SeqNo: 1152303		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.67	0.0500	2.000	0	83.4	71.9	130				
1,2-Dichloropropane	1.74	0.100	2.000	0	87.2	71.9	131				
Bromodichloromethane	1.71	0.100	2.000	0	85.7	70	130				
Dibromomethane	1.73	0.100	2.000	0	86.4	74.2	125				
cis-1,3-Dichloropropene	1.69	0.100	2.000	0	84.6	62.8	135				
Toluene	1.68	0.100	2.000	0	84.0	73.6	127				
trans-1,3-Dichloropropylene	1.69	0.100	2.000	0	84.7	58.1	138				
1,1,2-Trichloroethane	1.73	0.100	2.000	0	86.6	65.4	128				
1,3-Dichloropropane	1.72	0.100	2.000	0	85.8	71.9	131				
Tetrachloroethene (PCE)	1.65	0.100	2.000	0	82.6	52.4	140				
Dibromochloromethane	1.75	0.100	2.000	0	87.5	68.7	139				
1,2-Dibromoethane (EDB)	1.73	0.0250	2.000	0	86.4	71.2	129				
Chlorobenzene	1.65	0.100	2.000	0	82.4	77.2	122				
1,1,1,2-Tetrachloroethane	1.68	0.100	2.000	0	83.9	76.2	130				
Ethylbenzene	1.66	0.100	2.000	0	82.8	78	127				
m,p-Xylene	3.30	0.100	4.000	0	82.5	77.5	130				
o-Xylene	1.63	0.100	2.000	0	81.7	77.6	126				
Styrene	1.65	0.100	2.000	0	82.5	66.8	137				
Isopropylbenzene	1.64	0.100	2.000	0	82.0	75.9	133				
Bromoform	1.68	0.100	2.000	0	83.9	54.1	146				
1,1,2,2-Tetrachloroethane	1.68	0.100	2.000	0	84.1	68	134				
n-Propylbenzene	1.66	0.100	2.000	0	83.2	77.1	133				
Bromobenzene	1.64	0.100	2.000	0	82.0	71.1	131				
1,3,5-Trimethylbenzene	1.65	0.100	2.000	0	82.4	76.2	133				
2-Chlorotoluene	1.63	0.100	2.000	0	81.6	67.1	137				
4-Chlorotoluene	1.64	0.100	2.000	0	82.1	70.7	132				
tert-Butylbenzene	1.64	0.100	2.000	0	82.0	71.3	139				
1,2,3-Trichloropropane	1.66	0.100	2.000	0	83.2	70.8	132				
1,2,4-Trichlorobenzene	1.73	0.200	2.000	0	86.3	61.4	139				
sec-Butylbenzene	1.63	0.100	2.000	0	81.4	77.4	136				
4-Isopropyltoluene	1.63	0.100	2.000	0	81.3	78.1	131				

Work Order: 2002395
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-27598	SampType: LCS	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: LCSW	Batch ID: 27598				Analysis Date: 2/27/2020			SeqNo: 1152303			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	1.73	0.100	2.000	0	86.5	73.5	125				
1,4-Dichlorobenzene	1.76	0.100	2.000	0	87.8	71.4	125				
n-Butylbenzene	1.76	0.100	2.000	0	87.9	69.8	138				
1,2-Dichlorobenzene	1.77	0.100	2.000	0	88.5	74.2	123				
1,2-Dibromo-3-chloropropane	1.89	0.100	2.000	0	94.4	53.6	155				
1,2,4-Trimethylbenzene	1.66	0.100	2.000	0	82.9	72.3	133				
Hexachlorobutadiene	1.65	0.400	2.000	0	82.4	60.9	141				
Naphthalene	1.74	0.100	2.000	0	86.9	58.2	140				
1,2,3-Trichlorobenzene	1.75	0.400	2.000	0	87.4	61.3	133				
Surr: Dibromofluoromethane	2.75		2.500		110	56.4	141				
Surr: Toluene-d8	2.56		2.500		102	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				

Client Name: **TRCI**
 Logged by: **Carissa True**

Work Order Number: **2002395**
 Date Received: **2/24/2020 11:44:00 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 ☐
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 Required ☒
 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



Date: 2/24/20

Page: 1 of 1

Laboratory Project No (Internal):

2002395

Air Chain of Custody Record & Laboratory Services Agreement

Telephone: 425-395-0010

				Fax:
			Email (PM):	stnimbuck7@comcast.com
			Internet:	

Email (PM): stnimbale+ecomparies.com

	Internal

Special Remarks:

Provide EPD table

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

Turn-Around Time:

 Standard

☐ 3 Day☐ 2 Day☐ Next Day

Same Day ☐ _____

Relinquished	Date/Time
<i>[Signature]</i>	2/24/2020 / 1144
Relinquished	Date/Time

Received		Date/Time	2/12
Received		Date/Time	

Date/Time	Count
2/22/20	1144

Same Day ☐



Fremont
Analytical

3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2002396

March 02, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 2/24/2020 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



Date: 03/02/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2002396

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2002396-001	AIR-EFF	02/24/2020 10:38 AM	02/24/2020 11:44 AM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2002396
Date Reported: 3/2/2020

Client: TRC

Collection Date: 2/24/2020 10:38:00 AM

Project: WA Industries

Lab ID: 2002396-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27598

Analyst: KT

Dichlorodifluoromethane	ND	0.100	Q	µg/L	1	2/27/2020 8:02:11 AM
Chloromethane	ND	0.100	Q	µg/L	1	2/27/2020 8:02:11 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/27/2020 8:02:11 AM
Bromomethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Chloroethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Methylene chloride	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Chloroform	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Benzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Trichloroethene (TCE)	1.69	0.0500		µg/L	1	2/27/2020 8:02:11 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Bromodichloromethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Dibromomethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Toluene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	2/27/2020 8:02:11 AM
Chlorobenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Ethylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
m,p-Xylene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
o-Xylene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Styrene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Bromoform	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM

Original



Analytical Report

Work Order: 2002396
Date Reported: 3/2/2020

Client: TRC

Collection Date: 2/24/2020 10:38:00 AM

Project: WA Industries

Lab ID: 2002396-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27598

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Bromobenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/27/2020 8:02:11 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/27/2020 8:02:11 AM
Naphthalene	ND	0.100		µg/L	1	2/27/2020 8:02:11 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/27/2020 8:02:11 AM
Surr: Dibromofluoromethane	103	56.4 - 141		%Rec	1	2/27/2020 8:02:11 AM
Surr: Toluene-d8	99.6	66 - 138		%Rec	1	2/27/2020 8:02:11 AM
Surr: 1-Bromo-4-fluorobenzene	94.3	64.7 - 128		%Rec	1	2/27/2020 8:02:11 AM

NOTES:

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



Date: 3/2/2020

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598	SampType: MBLK	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: MBLKW	Batch ID: 27598	Analysis Date: 2/27/2020						SeqNo: 1152298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									Q
Chloromethane	ND	0.100									Q
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598	SampType: MBLK	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: MBLKW	Batch ID: 27598	Analysis Date: 2/27/2020						SeqNo: 1152298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.42		2.500		96.9	56.4	141				
Surr: Toluene-d8	2.52		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.33		2.500		93.1	64.7	128				



Date: 3/2/2020

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-27598	SampType: MBLK	Units: µg/L	Prep Date: 2/27/2020	RunNo: 57712							
Client ID: MBLKW	Batch ID: 27598		Analysis Date: 2/27/2020	SeqNo: 1152298							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

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

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: AIR-EFF		Batch ID: 27598		Analysis Date: 2/27/2020						SeqNo: 1152293	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	Q
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	1.68	0.0500						1.695	0.916	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: AIR-EFF		Batch ID: 27598					Analysis Date: 2/27/2020			SeqNo: 1152293	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	



Date: 3/2/2020

Work Order: 2002396
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2002396-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/27/2020			RunNo: 57712		
Client ID: AIR-EFF		Batch ID: 27598					Analysis Date: 2/27/2020			SeqNo: 1152293	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.54		2.500		102	61.1	128		0		
Surr: Toluene-d8	2.50		2.500		99.9	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.38		2.500		95.2	64.7	128		0		

NOTES:

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

Sample ID: LCS-27598	SampType: LCS	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: LCSW	Batch ID: 27598				Analysis Date: 2/27/2020			SeqNo: 1152303			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.29	0.100	2.000	0	64.4	38.8	143				
Chloromethane	1.52	0.100	2.000	0	76.2	42.5	131				
Vinyl chloride	1.52	0.0200	2.000	0	75.8	56.2	130				
Bromomethane	1.54	0.100	2.000	0	76.9	45.4	138				
Trichlorofluoromethane (CFC-11)	1.63	0.100	2.000	0	81.5	64.7	129				
Chloroethane	1.62	0.100	2.000	0	80.8	62.5	123				
1,1-Dichloroethene	1.65	0.100	2.000	0	82.6	60.7	146				
Methylene chloride	1.70	0.100	2.000	0	84.8	60.3	135				
trans-1,2-Dichloroethene	1.65	0.100	2.000	0	82.6	71.3	129				
Methyl tert-butyl ether (MTBE)	1.72	0.100	2.000	0	85.9	59.3	138				
1,1-Dichloroethane	1.70	0.100	2.000	0	85.1	71.3	129				
cis-1,2-Dichloroethene	1.69	0.100	2.000	0	84.6	67.5	127				
Chloroform	1.72	0.100	2.000	0	86.0	70.3	123				
1,1,1-Trichloroethane (TCA)	1.68	0.100	2.000	0	84.1	67.9	134				
1,1-Dichloropropene	1.64	0.100	2.000	0	82.2	72.1	133				
Carbon tetrachloride	1.67	0.100	2.000	0	83.3	64.4	133				
1,2-Dichloroethane (EDC)	1.71	0.100	2.000	0	85.4	65.8	126				
Benzene	1.70	0.100	2.000	0	84.8	67.1	132				



Date: 3/2/2020

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: LCS-27598	SampType: LCS	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: LCSW	Batch ID: 27598	Analysis Date: 2/27/2020						SeqNo: 1152303			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.67	0.0500	2.000	0	83.4	71.9	130				
1,2-Dichloropropane	1.74	0.100	2.000	0	87.2	71.9	131				
Bromodichloromethane	1.71	0.100	2.000	0	85.7	70	130				
Dibromomethane	1.73	0.100	2.000	0	86.4	74.2	125				
cis-1,3-Dichloropropene	1.69	0.100	2.000	0	84.6	62.8	135				
Toluene	1.68	0.100	2.000	0	84.0	73.6	127				
trans-1,3-Dichloropropylene	1.69	0.100	2.000	0	84.7	58.1	138				
1,1,2-Trichloroethane	1.73	0.100	2.000	0	86.6	65.4	128				
1,3-Dichloropropane	1.72	0.100	2.000	0	85.8	71.9	131				
Tetrachloroethene (PCE)	1.65	0.100	2.000	0	82.6	52.4	140				
Dibromochloromethane	1.75	0.100	2.000	0	87.5	68.7	139				
1,2-Dibromoethane (EDB)	1.73	0.0250	2.000	0	86.4	71.2	129				
Chlorobenzene	1.65	0.100	2.000	0	82.4	77.2	122				
1,1,1,2-Tetrachloroethane	1.68	0.100	2.000	0	83.9	76.2	130				
Ethylbenzene	1.66	0.100	2.000	0	82.8	78	127				
m,p-Xylene	3.30	0.100	4.000	0	82.5	77.5	130				
o-Xylene	1.63	0.100	2.000	0	81.7	77.6	126				
Styrene	1.65	0.100	2.000	0	82.5	66.8	137				
Isopropylbenzene	1.64	0.100	2.000	0	82.0	75.9	133				
Bromoform	1.68	0.100	2.000	0	83.9	54.1	146				
1,1,2,2-Tetrachloroethane	1.68	0.100	2.000	0	84.1	68	134				
n-Propylbenzene	1.66	0.100	2.000	0	83.2	77.1	133				
Bromobenzene	1.64	0.100	2.000	0	82.0	71.1	131				
1,3,5-Trimethylbenzene	1.65	0.100	2.000	0	82.4	76.2	133				
2-Chlorotoluene	1.63	0.100	2.000	0	81.6	67.1	137				
4-Chlorotoluene	1.64	0.100	2.000	0	82.1	70.7	132				
tert-Butylbenzene	1.64	0.100	2.000	0	82.0	71.3	139				
1,2,3-Trichloropropane	1.66	0.100	2.000	0	83.2	70.8	132				
1,2,4-Trichlorobenzene	1.73	0.200	2.000	0	86.3	61.4	139				
sec-Butylbenzene	1.63	0.100	2.000	0	81.4	77.4	136				
4-Isopropyltoluene	1.63	0.100	2.000	0	81.3	78.1	131				

Work Order: 2002396
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-27598	SampType: LCS	Units: µg/L			Prep Date: 2/27/2020			RunNo: 57712			
Client ID: LCSW	Batch ID: 27598				Analysis Date: 2/27/2020			SeqNo: 1152303			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	1.73	0.100	2.000	0	86.5	73.5	125				
1,4-Dichlorobenzene	1.76	0.100	2.000	0	87.8	71.4	125				
n-Butylbenzene	1.76	0.100	2.000	0	87.9	69.8	138				
1,2-Dichlorobenzene	1.77	0.100	2.000	0	88.5	74.2	123				
1,2-Dibromo-3-chloropropane	1.89	0.100	2.000	0	94.4	53.6	155				
1,2,4-Trimethylbenzene	1.66	0.100	2.000	0	82.9	72.3	133				
Hexachlorobutadiene	1.65	0.400	2.000	0	82.4	60.9	141				
Naphthalene	1.74	0.100	2.000	0	86.9	58.2	140				
1,2,3-Trichlorobenzene	1.75	0.400	2.000	0	87.4	61.3	133				
Surr: Dibromofluoromethane	2.75		2.500		110	56.4	141				
Surr: Toluene-d8	2.56		2.500		102	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				

Client Name: **TRCI**
 Logged by: **Carissa True**

Work Order Number: **2002396**
 Date Received: **2/24/2020 11:44:00 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 ☐
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 Required ☒
 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

Page 15 of 15



Fremont
Analytical

3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2004120

April 17, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 4/10/2020 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



Date: 04/17/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2004120

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2004120-001	S2-EFF-0410	04/10/2020 9:15 AM	04/10/2020 11:04 AM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2004120

Date Reported: 4/17/2020

Client: TRC

Collection Date: 4/10/2020 9:15:00 AM

Project: WA Industries

Lab ID: 2004120-001

Matrix: Air

Client Sample ID: S2-EFF-0410

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28037

Analyst: CR

Dichlorodifluoromethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Chloromethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Vinyl chloride	ND	0.0200		µg/L	1	4/10/2020 12:43:25 PM
Bromomethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Chloroethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Methylene chloride	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Chloroform	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Carbon tetrachloride	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Benzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Trichloroethene (TCE)	0.409	0.0500		µg/L	1	4/10/2020 12:43:25 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Bromodichloromethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Dibromomethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Toluene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Dibromochloromethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	4/10/2020 12:43:25 PM
Chlorobenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Ethylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
m,p-Xylene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
o-Xylene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Styrene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Isopropylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Bromoform	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM

Original



Analytical Report

Work Order: 2004120

Date Reported: 4/17/2020

Client: TRC

Collection Date: 4/10/2020 9:15:00 AM

Project: WA Industries

Lab ID: 2004120-001

Matrix: Air

Client Sample ID: S2-EFF-0410

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28037

Analyst: CR

n-Propylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Bromobenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
2-Chlorotoluene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
4-Chlorotoluene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
tert-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	4/10/2020 12:43:25 PM
sec-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
n-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	4/10/2020 12:43:25 PM
Naphthalene	ND	0.100		µg/L	1	4/10/2020 12:43:25 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	4/10/2020 12:43:25 PM
Surr: Dibromofluoromethane	105	56.4 - 141		%Rec	1	4/10/2020 12:43:25 PM
Surr: Toluene-d8	105	66 - 138		%Rec	1	4/10/2020 12:43:25 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	64.7 - 128		%Rec	1	4/10/2020 12:43:25 PM

Work Order: 2004120
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28037	SampType: MBLK	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: MBLKW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171644			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									

Work Order: 2004120
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28037	SampType: MBLK	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: MBLKW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171644			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.62		2.500		105	56.4	141				
Surr: Toluene-d8	2.60		2.500		104	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.46		2.500		98.2	64.7	128				



Date: 4/17/2020

Work Order: 2004120
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2004121-001AREP		SampType: REP		Units: µg/L		Prep Date: 4/10/2020			RunNo: 58621		
Client ID: BATCH		Batch ID: 28037		Analysis Date: 4/10/2020					SeqNo: 1171640		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	2.05	0.0500						2.028	1.05	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 4/17/2020

Work Order: 2004120
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2004121-001AREP		SampType: REP		Units: µg/L		Prep Date: 4/10/2020			RunNo: 58621		
Client ID: BATCH		Batch ID: 28037					Analysis Date: 4/10/2020			SeqNo: 1171640	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.59		2.500		104	61.1	128		0		
Surr: Toluene-d8	2.63		2.500		105	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.49		2.500		99.6	64.7	128		0		

Work Order: 2004120
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28037	SampType: LCS	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: LCSW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171643			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.88	0.100	2.000	0	93.9	38.8	143				
Chloromethane	1.95	0.100	2.000	0	97.5	42.5	131				
Vinyl chloride	1.98	0.0200	2.000	0	98.8	56.2	130				
Bromomethane	2.06	0.100	2.000	0	103	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	2.04	0.100	2.000	0	102	62.5	123				
1,1-Dichloroethene	2.00	0.100	2.000	0	100	60.7	146				
Methylene chloride	1.95	0.100	2.000	0	97.6	60.3	135				
trans-1,2-Dichloroethene	1.98	0.100	2.000	0	98.8	71.3	129				
Methyl tert-butyl ether (MTBE)	1.76	0.100	2.000	0	87.9	59.3	138				
1,1-Dichloroethane	1.99	0.100	2.000	0	99.7	71.3	129				
cis-1,2-Dichloroethene	1.96	0.100	2.000	0	98.1	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.6	70.3	123				
1,1,1-Trichloroethane (TCA)	1.99	0.100	2.000	0	99.3	67.9	134				
1,1-Dichloropropene	1.97	0.100	2.000	0	98.3	72.1	133				
Carbon tetrachloride	1.99	0.100	2.000	0	99.5	64.4	133				
1,2-Dichloroethane (EDC)	1.93	0.100	2.000	0	96.7	65.8	126				
Benzene	1.97	0.100	2.000	0	98.6	67.1	132				
Trichloroethene (TCE)	1.94	0.0500	2.000	0	97.0	71.9	130				
1,2-Dichloropropane	1.99	0.100	2.000	0	99.3	71.9	131				
Bromodichloromethane	1.99	0.100	2.000	0	99.6	70	130				
Dibromomethane	1.96	0.100	2.000	0	98.2	74.2	125				
cis-1,3-Dichloropropene	1.96	0.100	2.000	0	98.1	62.8	135				
Toluene	2.00	0.100	2.000	0	99.9	73.6	127				
trans-1,3-Dichloropropylene	1.96	0.100	2.000	0	97.8	58.1	138				
1,1,2-Trichloroethane	1.95	0.100	2.000	0	97.4	65.4	128				
1,3-Dichloropropane	1.96	0.100	2.000	0	97.9	71.9	131				
Tetrachloroethene (PCE)	1.98	0.100	2.000	0	99.0	52.4	140				
Dibromochloromethane	1.99	0.100	2.000	0	99.4	68.7	139				
1,2-Dibromoethane (EDB)	1.95	0.0250	2.000	0	97.7	71.2	129				
Chlorobenzene	1.92	0.100	2.000	0	96.0	77.2	122				



Date: 4/17/2020

Work Order: 2004120
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: LCS-28037	SampType: LCS	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: LCSW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171643			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.92	0.100	2.000	0	95.9	76.2	130				
Ethylbenzene	1.92	0.100	2.000	0	96.1	78	127				
m,p-Xylene	3.75	0.100	4.000	0	93.7	77.5	130				
o-Xylene	1.91	0.100	2.000	0	95.5	77.6	126				
Styrene	1.90	0.100	2.000	0	95.0	66.8	137				
Isopropylbenzene	1.88	0.100	2.000	0	94.0	75.9	133				
Bromoform	1.85	0.100	2.000	0	92.5	54.1	146				
1,1,2,2-Tetrachloroethane	1.83	0.100	2.000	0	91.5	68	134				
n-Propylbenzene	1.92	0.100	2.000	0	96.1	77.1	133				
Bromobenzene	1.85	0.100	2.000	0	92.5	71.1	131				
1,3,5-Trimethylbenzene	1.88	0.100	2.000	0	94.2	76.2	133				
2-Chlorotoluene	1.93	0.100	2.000	0	96.7	67.1	137				
4-Chlorotoluene	1.92	0.100	2.000	0	96.1	70.7	132				
tert-Butylbenzene	1.82	0.100	2.000	0	91.0	71.3	139				
1,2,3-Trichloropropane	1.73	0.100	2.000	0	86.3	70.8	132				
1,2,4-Trichlorobenzene	1.80	0.200	2.000	0	90.1	61.4	139				
sec-Butylbenzene	1.85	0.100	2.000	0	92.7	77.4	136				
4-Isopropyltoluene	1.84	0.100	2.000	0	92.2	78.1	131				
1,3-Dichlorobenzene	1.94	0.100	2.000	0	97.0	73.5	125				
1,4-Dichlorobenzene	1.92	0.100	2.000	0	95.9	71.4	125				
n-Butylbenzene	1.94	0.100	2.000	0	97.0	69.8	138				
1,2-Dichlorobenzene	1.90	0.100	2.000	0	94.8	74.2	123				
1,2-Dibromo-3-chloropropane	1.88	0.100	2.000	0	94.0	53.6	155				
1,2,4-Trimethylbenzene	1.87	0.100	2.000	0	93.5	72.3	133				
Hexachlorobutadiene	1.83	0.400	2.000	0	91.5	60.9	141				
Naphthalene	1.67	0.100	2.000	0	83.6	58.2	140				
1,2,3-Trichlorobenzene	1.70	0.400	2.000	0	84.8	61.3	133				
Surr: Dibromofluoromethane	2.67		2.500		107	56.4	141				
Surr: Toluene-d8	2.63		2.500		105	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				

Client Name: **TRCI**
 Logged by: **Carissa True**

Work Order Number: **2004120**
 Date Received: **4/10/2020 11:04:00 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 ☐
 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 Required ☒
 6. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
Air samples
 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 4/10/20

Page: 1 of 1

Project Name: WA Industries

Project No: 015354 (Formerly 64001)

Laboratory Project No (Internal): 2064120

Special Remarks: Provide EDD Table

Client: TRC

Address: 1180 NW Maple Street

City, State, Zip: Issaquah, Washington, 98107

Telephone: 425-395-0010

Fax: Reports to (PM): Sean Trimble
Email (PM): STrimble@trc.companies.com

Sample Name	Canister / Flow Reg. Serial #	Sample Date & Time	Sample Type (Matrix) *	Container/ Type **	Sample Volume	Fill Time	Flow Rate	Internal		Analysis Requested	Internal	
								Initial Evacuation Pressure (mmHg)	Field Initial Sample Pressure (in Hg)		Field Final Sample Pressure (in Hg)	Receipt Date
S2-EFF-D410		4/10/20 0915	S	1L TB	.5L min	.5L min				VOCs by 8260c		

* Matrix Codes: AA = Ambient Air IA = Indoor Air L = Landfill S = Subslab / Soil Gas

** Container Codes: BV = 1 Liter Bottle Vac CAN = Canister CVL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

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

Relinquished

Date/Time

4/10/20 1040

Received

Date/Time

Relinquished

Date/Time

Received

Date/Time

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



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2004121

April 17, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 4/10/2020 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



Date: 04/17/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2004121

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2004121-001	AIR-EFF	04/10/2020 9:30 AM	04/10/2020 11:04 AM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2004121

Date Reported: 4/17/2020

Client: TRC

Collection Date: 4/10/2020 9:30:00 AM

Project: WA Industries

Lab ID: 2004121-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28037

Analyst: CR

Dichlorodifluoromethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Chloromethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Vinyl chloride	ND	0.0200		µg/L	1	4/10/2020 1:13:48 PM
Bromomethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Chloroethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Methylene chloride	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Chloroform	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Carbon tetrachloride	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Benzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Trichloroethene (TCE)	2.03	0.0500		µg/L	1	4/10/2020 1:13:48 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Bromodichloromethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Dibromomethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Toluene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Dibromochloromethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	4/10/2020 1:13:48 PM
Chlorobenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Ethylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
m,p-Xylene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
o-Xylene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Styrene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Isopropylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Bromoform	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM

Original



Analytical Report

Work Order: 2004121

Date Reported: 4/17/2020

Client: TRC

Collection Date: 4/10/2020 9:30:00 AM

Project: WA Industries

Lab ID: 2004121-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28037

Analyst: CR

n-Propylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Bromobenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
2-Chlorotoluene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
4-Chlorotoluene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
tert-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	4/10/2020 1:13:48 PM
sec-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
n-Butylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	4/10/2020 1:13:48 PM
Naphthalene	ND	0.100		µg/L	1	4/10/2020 1:13:48 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	4/10/2020 1:13:48 PM
Surr: Dibromofluoromethane	106	56.4 - 141		%Rec	1	4/10/2020 1:13:48 PM
Surr: Toluene-d8	107	66 - 138		%Rec	1	4/10/2020 1:13:48 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	64.7 - 128		%Rec	1	4/10/2020 1:13:48 PM



Date: 4/17/2020

Work Order: 2004121
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28037		SampType: MBLK		Units: µg/L		Prep Date: 4/10/2020			RunNo: 58621		
Client ID: MBLKW		Batch ID: 28037					Analysis Date: 4/10/2020			SeqNo: 1171644	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									

Work Order: 2004121
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28037	SampType: MBLK	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: MBLKW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171644			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.62		2.500		105	56.4	141				
Surr: Toluene-d8	2.60		2.500		104	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.46		2.500		98.2	64.7	128				



Date: 4/17/2020

Work Order: 2004121
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2004121-001AREP		SampType: REP		Units: µg/L		Prep Date: 4/10/2020			RunNo: 58621		
Client ID: AIR-EFF		Batch ID: 28037					Analysis Date: 4/10/2020			SeqNo: 1171640	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	2.05	0.0500						2.028	1.05	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 4/17/2020

Work Order: 2004121
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2004121-001AREP		SampType: REP		Units: µg/L		Prep Date: 4/10/2020			RunNo: 58621		
Client ID: AIR-EFF		Batch ID: 28037					Analysis Date: 4/10/2020			SeqNo: 1171640	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.59		2.500		104	61.1	128		0		
Surr: Toluene-d8	2.63		2.500		105	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.49		2.500		99.6	64.7	128		0		

Work Order: 2004121
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28037	SampType: LCS	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: LCSW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171643			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.88	0.100	2.000	0	93.9	38.8	143				
Chloromethane	1.95	0.100	2.000	0	97.5	42.5	131				
Vinyl chloride	1.98	0.0200	2.000	0	98.8	56.2	130				
Bromomethane	2.06	0.100	2.000	0	103	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	2.04	0.100	2.000	0	102	62.5	123				
1,1-Dichloroethene	2.00	0.100	2.000	0	100	60.7	146				
Methylene chloride	1.95	0.100	2.000	0	97.6	60.3	135				
trans-1,2-Dichloroethene	1.98	0.100	2.000	0	98.8	71.3	129				
Methyl tert-butyl ether (MTBE)	1.76	0.100	2.000	0	87.9	59.3	138				
1,1-Dichloroethane	1.99	0.100	2.000	0	99.7	71.3	129				
cis-1,2-Dichloroethene	1.96	0.100	2.000	0	98.1	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.6	70.3	123				
1,1,1-Trichloroethane (TCA)	1.99	0.100	2.000	0	99.3	67.9	134				
1,1-Dichloropropene	1.97	0.100	2.000	0	98.3	72.1	133				
Carbon tetrachloride	1.99	0.100	2.000	0	99.5	64.4	133				
1,2-Dichloroethane (EDC)	1.93	0.100	2.000	0	96.7	65.8	126				
Benzene	1.97	0.100	2.000	0	98.6	67.1	132				
Trichloroethene (TCE)	1.94	0.0500	2.000	0	97.0	71.9	130				
1,2-Dichloropropane	1.99	0.100	2.000	0	99.3	71.9	131				
Bromodichloromethane	1.99	0.100	2.000	0	99.6	70	130				
Dibromomethane	1.96	0.100	2.000	0	98.2	74.2	125				
cis-1,3-Dichloropropene	1.96	0.100	2.000	0	98.1	62.8	135				
Toluene	2.00	0.100	2.000	0	99.9	73.6	127				
trans-1,3-Dichloropropylene	1.96	0.100	2.000	0	97.8	58.1	138				
1,1,2-Trichloroethane	1.95	0.100	2.000	0	97.4	65.4	128				
1,3-Dichloropropane	1.96	0.100	2.000	0	97.9	71.9	131				
Tetrachloroethene (PCE)	1.98	0.100	2.000	0	99.0	52.4	140				
Dibromochloromethane	1.99	0.100	2.000	0	99.4	68.7	139				
1,2-Dibromoethane (EDB)	1.95	0.0250	2.000	0	97.7	71.2	129				
Chlorobenzene	1.92	0.100	2.000	0	96.0	77.2	122				



Date: 4/17/2020

Work Order: 2004121
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: LCS-28037	SampType: LCS	Units: µg/L			Prep Date: 4/10/2020			RunNo: 58621			
Client ID: LCSW	Batch ID: 28037	Analysis Date: 4/10/2020						SeqNo: 1171643			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.92	0.100	2.000	0	95.9	76.2	130				
Ethylbenzene	1.92	0.100	2.000	0	96.1	78	127				
m,p-Xylene	3.75	0.100	4.000	0	93.7	77.5	130				
o-Xylene	1.91	0.100	2.000	0	95.5	77.6	126				
Styrene	1.90	0.100	2.000	0	95.0	66.8	137				
Isopropylbenzene	1.88	0.100	2.000	0	94.0	75.9	133				
Bromoform	1.85	0.100	2.000	0	92.5	54.1	146				
1,1,2,2-Tetrachloroethane	1.83	0.100	2.000	0	91.5	68	134				
n-Propylbenzene	1.92	0.100	2.000	0	96.1	77.1	133				
Bromobenzene	1.85	0.100	2.000	0	92.5	71.1	131				
1,3,5-Trimethylbenzene	1.88	0.100	2.000	0	94.2	76.2	133				
2-Chlorotoluene	1.93	0.100	2.000	0	96.7	67.1	137				
4-Chlorotoluene	1.92	0.100	2.000	0	96.1	70.7	132				
tert-Butylbenzene	1.82	0.100	2.000	0	91.0	71.3	139				
1,2,3-Trichloropropane	1.73	0.100	2.000	0	86.3	70.8	132				
1,2,4-Trichlorobenzene	1.80	0.200	2.000	0	90.1	61.4	139				
sec-Butylbenzene	1.85	0.100	2.000	0	92.7	77.4	136				
4-Isopropyltoluene	1.84	0.100	2.000	0	92.2	78.1	131				
1,3-Dichlorobenzene	1.94	0.100	2.000	0	97.0	73.5	125				
1,4-Dichlorobenzene	1.92	0.100	2.000	0	95.9	71.4	125				
n-Butylbenzene	1.94	0.100	2.000	0	97.0	69.8	138				
1,2-Dichlorobenzene	1.90	0.100	2.000	0	94.8	74.2	123				
1,2-Dibromo-3-chloropropane	1.88	0.100	2.000	0	94.0	53.6	155				
1,2,4-Trimethylbenzene	1.87	0.100	2.000	0	93.5	72.3	133				
Hexachlorobutadiene	1.83	0.400	2.000	0	91.5	60.9	141				
Naphthalene	1.67	0.100	2.000	0	83.6	58.2	140				
1,2,3-Trichlorobenzene	1.70	0.400	2.000	0	84.8	61.3	133				
Surr: Dibromofluoromethane	2.67		2.500		107	56.4	141				
Surr: Toluene-d8	2.63		2.500		105	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				

Client Name: **TRCI**
 Logged by: **Carissa True**

Work Order Number: **2004121**
 Date Received: **4/10/2020 11:04:00 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 ☐
 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 Required ☒
 6. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
Air samples
 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)

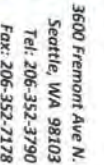
18. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

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



Laboratory Project No (Internal): 2004124

Special Remarks:

Provide EDD Table

Page: 1 of 1

Special Remarks:

Provide EDD Table

location: Seattle, WA

Collected by: JS EK

Sean Timble

STumble@trccompanies.com

Fax:

TRC

1180 NW Maple Street

Issaquah, Washington, 98107

425-395-0010

[illegible]

* Matrix Codes: AA = Ambient Air IA = Indoor Air L = Landfill S = Subslab / Soil Gas

** Container Codes: BV = 1 Liter Bottle Vac CAN = Canister CVI = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

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

Relinquished

1

Date/Time 4/10/2010 4:10

Reglingquished

Date/Time:

Received
x
delivered

Date/Time 4/11/20

1124

Turn-Around Time:

☒ Standard

☐ 3 Day

☐ 2 Day

☐ Next Day

Same Day ☐

(Specify)



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2005342

June 03, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 5/27/2020 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 Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)



Date: 06/03/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2005342

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005342-001	AIR-EFF	05/27/2020 10:15 AM	05/27/2020 12:50 PM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2005342

Date Reported: 6/3/2020

Client: TRC

Collection Date: 5/27/2020 10:15:00 AM

Project: WA Industries

Lab ID: 2005342-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28473

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Chloromethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Vinyl chloride	ND	0.0200		µg/L	1	5/29/2020 8:24:47 AM
Bromomethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Chloroethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Methylene chloride	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Chloroform	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Carbon tetrachloride	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Benzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Trichloroethene (TCE)	2.37	0.0500		µg/L	1	5/29/2020 8:24:47 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Bromodichloromethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Dibromomethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Toluene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Dibromochloromethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	5/29/2020 8:24:47 AM
Chlorobenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Ethylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
m,p-Xylene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
o-Xylene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Styrene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Isopropylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Bromoform	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM

Original



Analytical Report

Work Order: 2005342

Date Reported: 6/3/2020

Client: TRC

Collection Date: 5/27/2020 10:15:00 AM

Project: WA Industries

Lab ID: 2005342-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28473

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Bromobenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
2-Chlorotoluene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
4-Chlorotoluene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
tert-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	5/29/2020 8:24:47 AM
sec-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
n-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	5/29/2020 8:24:47 AM
Naphthalene	ND	0.100		µg/L	1	5/29/2020 8:24:47 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	5/29/2020 8:24:47 AM
Surr: Dibromofluoromethane	96.9	56.4 - 141		%Rec	1	5/29/2020 8:24:47 AM
Surr: Toluene-d8	101	66 - 138		%Rec	1	5/29/2020 8:24:47 AM
Surr: 1-Bromo-4-fluorobenzene	101	64.7 - 128		%Rec	1	5/29/2020 8:24:47 AM



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28473		SampType: MBLK		Units: µg/L		Prep Date: 5/28/2020			RunNo: 59544		
Client ID: MBLKW		Batch ID: 28473		Analysis Date: 5/29/2020					SeqNo: 1190719		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28473	SampType: MBLK	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: MBLKW	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190719			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.40		2.500		96.1	56.4	141				
Surr: Toluene-d8	2.50		2.500		100	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2005342-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/28/2020			RunNo: 59544		
Client ID: AIR-EFF		Batch ID: 28473					Analysis Date: 5/29/2020			SeqNo: 1190707	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	2.36	0.0500						2.365	0.0850	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2005342-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/28/2020			RunNo: 59544		
Client ID: AIR-EFF		Batch ID: 28473					Analysis Date: 5/29/2020			SeqNo: 1190707	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.42		2.500		96.8	61.1	128		0		
Surr: Toluene-d8	2.51		2.500		100	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128		0		



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L				Prep Date: 5/28/2020			RunNo: 59544		
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020							SeqNo: 1190718		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.97	0.100	2.000	0	149	38.8	143				S
Chloromethane	1.61	0.100	2.000	0	80.3	42.5	131				
Vinyl chloride	2.15	0.0200	2.000	0	107	56.2	130				
Bromomethane	2.17	0.100	2.000	0	109	45.4	138				
Trichlorofluoromethane (CFC-11)	2.10	0.100	2.000	0	105	64.7	129				
Chloroethane	1.98	0.100	2.000	0	99.0	62.5	123				
1,1-Dichloroethene	2.01	0.100	2.000	0	101	60.7	146				
Methylene chloride	1.90	0.100	2.000	0	94.9	60.3	135				
trans-1,2-Dichloroethene	1.91	0.100	2.000	0	95.6	71.3	129				
Methyl tert-butyl ether (MTBE)	1.98	0.100	2.000	0	98.9	59.3	138				
1,1-Dichloroethane	1.96	0.100	2.000	0	98.0	71.3	129				
cis-1,2-Dichloroethene	1.94	0.100	2.000	0	96.8	67.5	127				
Chloroform	1.92	0.100	2.000	0	95.9	70.3	123				
1,1,1-Trichloroethane (TCA)	1.97	0.100	2.000	0	98.7	67.9	134				
1,1-Dichloropropene	2.02	0.100	2.000	0	101	72.1	133				
Carbon tetrachloride	1.98	0.100	2.000	0	98.8	64.4	133				
1,2-Dichloroethane (EDC)	1.93	0.100	2.000	0	96.6	65.8	126				
Benzene	1.94	0.100	2.000	0	97.0	67.1	132				
Trichloroethene (TCE)	1.99	0.0500	2.000	0	99.3	71.9	130				
1,2-Dichloropropane	1.93	0.100	2.000	0	96.3	71.9	131				
Bromodichloromethane	1.89	0.100	2.000	0	94.4	70	130				
Dibromomethane	1.94	0.100	2.000	0	97.2	74.2	125				
cis-1,3-Dichloropropene	1.99	0.100	2.000	0	99.6	62.8	135				
Toluene	1.94	0.100	2.000	0	96.8	73.6	127				
trans-1,3-Dichloropropylene	1.96	0.100	2.000	0	98.2	58.1	138				
1,1,2-Trichloroethane	1.94	0.100	2.000	0	96.9	65.4	128				
1,3-Dichloropropane	1.93	0.100	2.000	0	96.3	71.9	131				
Tetrachloroethene (PCE)	2.00	0.100	2.000	0	99.9	52.4	140				
Dibromochloromethane	1.88	0.100	2.000	0	93.8	68.7	139				
1,2-Dibromoethane (EDB)	1.94	0.0250	2.000	0	97.0	71.2	129				
Chlorobenzene	1.92	0.100	2.000	0	96.2	77.2	122				

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190718			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.87	0.100	2.000	0	93.7	76.2	130				
Ethylbenzene	1.93	0.100	2.000	0	96.6	78	127				
m,p-Xylene	3.87	0.100	4.000	0	96.7	77.5	130				
o-Xylene	1.93	0.100	2.000	0	96.5	77.6	126				
Styrene	1.88	0.100	2.000	0	94.1	66.8	137				
Isopropylbenzene	1.97	0.100	2.000	0	98.3	75.9	133				
Bromoform	1.87	0.100	2.000	0	93.7	54.1	146				
1,1,2,2-Tetrachloroethane	2.00	0.100	2.000	0	100	68	134				
n-Propylbenzene	2.00	0.100	2.000	0	100	77.1	133				
Bromobenzene	1.91	0.100	2.000	0	95.3	71.1	131				
1,3,5-Trimethylbenzene	1.98	0.100	2.000	0	98.9	76.2	133				
2-Chlorotoluene	1.95	0.100	2.000	0	97.7	67.1	137				
4-Chlorotoluene	1.94	0.100	2.000	0	96.9	70.7	132				
tert-Butylbenzene	2.09	0.100	2.000	0	104	71.3	139				
1,2,3-Trichloropropane	2.00	0.100	2.000	0	100	70.8	132				
1,2,4-Trichlorobenzene	2.01	0.200	2.000	0	101	61.4	139				
sec-Butylbenzene	2.03	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.00	0.100	2.000	0	99.8	78.1	131				
1,3-Dichlorobenzene	2.03	0.100	2.000	0	102	73.5	125				
1,4-Dichlorobenzene	1.99	0.100	2.000	0	99.6	71.4	125				
n-Butylbenzene	2.12	0.100	2.000	0	106	69.8	138				
1,2-Dichlorobenzene	1.99	0.100	2.000	0	99.3	74.2	123				
1,2-Dibromo-3-chloropropane	2.11	0.100	2.000	0	106	53.6	155				
1,2,4-Trimethylbenzene	2.06	0.100	2.000	0	103	72.3	133				
Hexachlorobutadiene	2.09	0.400	2.000	0	105	60.9	141				
Naphthalene	2.06	0.100	2.000	0	103	58.2	140				
1,2,3-Trichlorobenzene	2.03	0.400	2.000	0	102	61.3	133				
Surr: Dibromofluoromethane	2.56		2.500		102	56.4	141				
Surr: Toluene-d8	2.50		2.500		100	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.57		2.500		103	64.7	128				



Date: 6/3/2020

Work Order: 2005342
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L	Prep Date: 5/28/2020	RunNo: 59544							
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020	SeqNo: 1190718								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Client Name: **TRCI**
 Logged by: **Clare Griggs**

Work Order Number: **2005342**
 Date Received: **5/27/2020 12:50:00 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 Sample
 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 5/27/20 Page: 1 of 1

Project Name: WA Industries

Project No: 015354 (formerly 6400)

Location: Seattle, WA

Collected by: JS EK

Reports to (PM): Stan Trimble

Laboratory Project No (Internal):

2005347

Special Remarks:

Provide EDD Table

Client: TRC

Address: 1180 NW Maple Street

City, State, Zip: Issaquah, Washington, 98107

Telephone: 425-395-0010

Fax:

Email (PM): StanTrimble@trc.com

Sample Name	Canister / Flow Reg. Serial #	Sample Date & Time	Sample Type (Matrix) *	Container Type **	Sample Volume	Fill Time	Flow Rate	Internal		Analysis Requested	Internal	
								Initial Evacuation Pressure (inert)	Field Initial Sample Pressure ("Hg)		Field Final Sample Pressure ("Hg)	Final Pressure ("Hg)
1		5/27/20	S	1L TB		5L min	5L min					
AIR-EFF		1015										
2												
3												
4												
5												

* Matrix Codes: AA = Ambient Air IA = Indoor Air L = Landfill S = Subslab / Soil Gas

** Container Codes: BV = 1 Liter Bottle Vac CAN = Canister CVL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

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

Relinquished Date/Time

5/27/20 1230

Relinquished Date/Time

5/27/20 1230

Received

5/27/20 1250

Received

Date/Time

Date/Time

Turn-Around Time:

☒ Standard

☐ 3 Day

☐ 2 Day

☐ Next Day

☐ Same Day (Specify)



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2005343

June 03, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 5/27/2020 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 Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)



Date: 06/03/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2005343

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005343-001	S2-EFF-0527	05/27/2020 10:30 AM	05/27/2020 12:50 PM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2005343

Date Reported: 6/3/2020

Client: TRC

Collection Date: 5/27/2020 10:30:00 AM

Project: WA Industries

Lab ID: 2005343-001

Matrix: Air

Client Sample ID: S2-EFF-0527

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28473

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Chloromethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Vinyl chloride	ND	0.0200		µg/L	1	5/29/2020 9:25:03 AM
Bromomethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Chloroethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Methylene chloride	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Chloroform	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Carbon tetrachloride	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Benzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Trichloroethene (TCE)	0.762	0.0500		µg/L	1	5/29/2020 9:25:03 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Bromodichloromethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Dibromomethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Toluene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Dibromochloromethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	5/29/2020 9:25:03 AM
Chlorobenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Ethylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
m,p-Xylene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
o-Xylene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Styrene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Isopropylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Bromoform	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM

Original



Analytical Report

Work Order: 2005343

Date Reported: 6/3/2020

Client: TRC

Collection Date: 5/27/2020 10:30:00 AM

Project: WA Industries

Lab ID: 2005343-001

Matrix: Air

Client Sample ID: S2-EFF-0527

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28473

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Bromobenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
2-Chlorotoluene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
4-Chlorotoluene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
tert-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	5/29/2020 9:25:03 AM
sec-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
n-Butylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	5/29/2020 9:25:03 AM
Naphthalene	ND	0.100		µg/L	1	5/29/2020 9:25:03 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	5/29/2020 9:25:03 AM
Surr: Dibromofluoromethane	95.7	56.4 - 141		%Rec	1	5/29/2020 9:25:03 AM
Surr: Toluene-d8	101	66 - 138		%Rec	1	5/29/2020 9:25:03 AM
Surr: 1-Bromo-4-fluorobenzene	100	64.7 - 128		%Rec	1	5/29/2020 9:25:03 AM



Date: 6/3/2020

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28473		SampType: MBLK		Units: µg/L		Prep Date: 5/28/2020			RunNo: 59544		
Client ID: MBLKW		Batch ID: 28473		Analysis Date: 5/29/2020					SeqNo: 1190719		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 6/3/2020

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28473	SampType: MBLK	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: MBLKW	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190719			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.40		2.500		96.1	56.4	141				
Surr: Toluene-d8	2.50		2.500		100	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128				



Date: 6/3/2020

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2005342-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/28/2020			RunNo: 59544		
Client ID: BATCH		Batch ID: 28473		Analysis Date: 5/29/2020						SeqNo: 1190707	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	2.36	0.0500						2.365	0.0850	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 6/3/2020

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2005342-001AREP	SampType: REP	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: BATCH	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190707			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.42		2.500		96.8	61.1	128		0		
Surr: Toluene-d8	2.51		2.500		100	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128		0		



Date: 6/3/2020

Work Order: 2005343
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190718			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.97	0.100	2.000	0	149	38.8	143				S
Chloromethane	1.61	0.100	2.000	0	80.3	42.5	131				
Vinyl chloride	2.15	0.0200	2.000	0	107	56.2	130				
Bromomethane	2.17	0.100	2.000	0	109	45.4	138				
Trichlorofluoromethane (CFC-11)	2.10	0.100	2.000	0	105	64.7	129				
Chloroethane	1.98	0.100	2.000	0	99.0	62.5	123				
1,1-Dichloroethene	2.01	0.100	2.000	0	101	60.7	146				
Methylene chloride	1.90	0.100	2.000	0	94.9	60.3	135				
trans-1,2-Dichloroethene	1.91	0.100	2.000	0	95.6	71.3	129				
Methyl tert-butyl ether (MTBE)	1.98	0.100	2.000	0	98.9	59.3	138				
1,1-Dichloroethane	1.96	0.100	2.000	0	98.0	71.3	129				
cis-1,2-Dichloroethene	1.94	0.100	2.000	0	96.8	67.5	127				
Chloroform	1.92	0.100	2.000	0	95.9	70.3	123				
1,1,1-Trichloroethane (TCA)	1.97	0.100	2.000	0	98.7	67.9	134				
1,1-Dichloropropene	2.02	0.100	2.000	0	101	72.1	133				
Carbon tetrachloride	1.98	0.100	2.000	0	98.8	64.4	133				
1,2-Dichloroethane (EDC)	1.93	0.100	2.000	0	96.6	65.8	126				
Benzene	1.94	0.100	2.000	0	97.0	67.1	132				
Trichloroethene (TCE)	1.99	0.0500	2.000	0	99.3	71.9	130				
1,2-Dichloropropane	1.93	0.100	2.000	0	96.3	71.9	131				
Bromodichloromethane	1.89	0.100	2.000	0	94.4	70	130				
Dibromomethane	1.94	0.100	2.000	0	97.2	74.2	125				
cis-1,3-Dichloropropene	1.99	0.100	2.000	0	99.6	62.8	135				
Toluene	1.94	0.100	2.000	0	96.8	73.6	127				
trans-1,3-Dichloropropylene	1.96	0.100	2.000	0	98.2	58.1	138				
1,1,2-Trichloroethane	1.94	0.100	2.000	0	96.9	65.4	128				
1,3-Dichloropropane	1.93	0.100	2.000	0	96.3	71.9	131				
Tetrachloroethene (PCE)	2.00	0.100	2.000	0	99.9	52.4	140				
Dibromochloromethane	1.88	0.100	2.000	0	93.8	68.7	139				
1,2-Dibromoethane (EDB)	1.94	0.0250	2.000	0	97.0	71.2	129				
Chlorobenzene	1.92	0.100	2.000	0	96.2	77.2	122				

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L			Prep Date: 5/28/2020			RunNo: 59544			
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020						SeqNo: 1190718			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.87	0.100	2.000	0	93.7	76.2	130				
Ethylbenzene	1.93	0.100	2.000	0	96.6	78	127				
m,p-Xylene	3.87	0.100	4.000	0	96.7	77.5	130				
o-Xylene	1.93	0.100	2.000	0	96.5	77.6	126				
Styrene	1.88	0.100	2.000	0	94.1	66.8	137				
Isopropylbenzene	1.97	0.100	2.000	0	98.3	75.9	133				
Bromoform	1.87	0.100	2.000	0	93.7	54.1	146				
1,1,2,2-Tetrachloroethane	2.00	0.100	2.000	0	100	68	134				
n-Propylbenzene	2.00	0.100	2.000	0	100	77.1	133				
Bromobenzene	1.91	0.100	2.000	0	95.3	71.1	131				
1,3,5-Trimethylbenzene	1.98	0.100	2.000	0	98.9	76.2	133				
2-Chlorotoluene	1.95	0.100	2.000	0	97.7	67.1	137				
4-Chlorotoluene	1.94	0.100	2.000	0	96.9	70.7	132				
tert-Butylbenzene	2.09	0.100	2.000	0	104	71.3	139				
1,2,3-Trichloropropane	2.00	0.100	2.000	0	100	70.8	132				
1,2,4-Trichlorobenzene	2.01	0.200	2.000	0	101	61.4	139				
sec-Butylbenzene	2.03	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.00	0.100	2.000	0	99.8	78.1	131				
1,3-Dichlorobenzene	2.03	0.100	2.000	0	102	73.5	125				
1,4-Dichlorobenzene	1.99	0.100	2.000	0	99.6	71.4	125				
n-Butylbenzene	2.12	0.100	2.000	0	106	69.8	138				
1,2-Dichlorobenzene	1.99	0.100	2.000	0	99.3	74.2	123				
1,2-Dibromo-3-chloropropane	2.11	0.100	2.000	0	106	53.6	155				
1,2,4-Trimethylbenzene	2.06	0.100	2.000	0	103	72.3	133				
Hexachlorobutadiene	2.09	0.400	2.000	0	105	60.9	141				
Naphthalene	2.06	0.100	2.000	0	103	58.2	140				
1,2,3-Trichlorobenzene	2.03	0.400	2.000	0	102	61.3	133				
Surr: Dibromofluoromethane	2.56		2.500		102	56.4	141				
Surr: Toluene-d8	2.50		2.500		100	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.57		2.500		103	64.7	128				



Date: 6/3/2020

Work Order: 2005343
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28473	SampType: LCS	Units: µg/L	Prep Date: 5/28/2020	RunNo: 59544							
Client ID: LCSW	Batch ID: 28473	Analysis Date: 5/29/2020	SeqNo: 1190718								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Client Name: **TRCI**
 Logged by: **Clare Griggs**

Work Order Number: **2005343**
 Date Received: **5/27/2020 12:50:00 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 Sample
 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 5/27/20 Page: 1 of: 1

Project Name: WA Industries

Project No: 015354 (Formerly 64001)

Location: Seattle, WA

Collected by: JS EK

Reports to (PM): Sean Trimble

Email (PM): STrimble@trccompanies.com

Laboratory Project No (Internal):

2053348

Special Remarks:

Provide EDD

Client: TRC
Address: 1180 NW Maple Street

City, State, Zip: Issaquah, Washington, 98107

Telephone: 425-395-0010

Fax:

Sample Name	Canister / Flow Reg. Serial #	Sample Date & Time	Sample Type (Matrix) *	Container Type **	Sample Volume	Fill Time	Flow Rate	Internal		Analysis Requested	Receipt Date	Final Pressure (H _g)
								Initial Evacuation Pressure (torr)	Field Initial Sample Pressure (H _g)			
S2-EFF-0527		5/27/20 1230	S	1L TB		0.5L min	0.5L min			VOCs by 8260C		

* Matrix Codes: AA = Ambient Air IA = Indoor Air L = Landfill S = Subslab / Soil Gas

** Container Codes: BV = 1 Liter Bottle Vac CAN = Canister CYL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

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

Relinquished

Date/Time: 5/27/20 1230

Relinquished

Date/Time: 5/27/20 1250

Turn-Around Time:

☒ Standard
☐ 2 Day
☐ 3 Day

☐ Next Day

Same Day ☐ (Specify)



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2007186

July 20, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 7/13/2020 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 Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)



Date: 07/20/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2007186

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2007186-001	AIR-EFF	07/13/2020 9:45 AM	07/13/2020 12:17 PM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2007186

Date Reported: 7/20/2020

Client: TRC

Collection Date: 7/13/2020 9:45:00 AM

Project: WA Industries

Lab ID: 2007186-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28992

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Chloromethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Vinyl chloride	ND	0.0200		µg/L	1	7/15/2020 1:56:43 PM
Bromomethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Chloroethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Methylene chloride	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Chloroform	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Carbon tetrachloride	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Benzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Trichloroethene (TCE)	2.71	0.0500		µg/L	1	7/15/2020 1:56:43 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Bromodichloromethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Dibromomethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Toluene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Dibromochloromethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	7/15/2020 1:56:43 PM
Chlorobenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Ethylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
m,p-Xylene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
o-Xylene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Styrene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Isopropylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Bromoform	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM

Original



Client: TRC

Collection Date: 7/13/2020 9:45:00 AM

Project: WA Industries

Lab ID: 2007186-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28992

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Bromobenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
2-Chlorotoluene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
4-Chlorotoluene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
tert-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	7/15/2020 1:56:43 PM
sec-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
n-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	7/15/2020 1:56:43 PM
Naphthalene	ND	0.100		µg/L	1	7/15/2020 1:56:43 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	7/15/2020 1:56:43 PM
Surr: Dibromofluoromethane	100	56.4 - 141		%Rec	1	7/15/2020 1:56:43 PM
Surr: Toluene-d8	101	66 - 138		%Rec	1	7/15/2020 1:56:43 PM
Surr: 1-Bromo-4-fluorobenzene	96.3	64.7 - 128		%Rec	1	7/15/2020 1:56:43 PM



Date: 7/20/2020

Work Order: 2007186
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28992	SampType: LCS	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: LCSW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214151			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.75	0.100	2.000	0	138	38.8	143				
Chloromethane	1.94	0.100	2.000	0	96.9	42.5	131				
Vinyl chloride	2.02	0.0200	2.000	0	101	56.2	130				
Bromomethane	1.61	0.100	2.000	0	80.3	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	2.01	0.100	2.000	0	101	62.5	123				
1,1-Dichloroethene	2.04	0.100	2.000	0	102	60.7	146				
Methylene chloride	2.02	0.100	2.000	0	101	60.3	135				
trans-1,2-Dichloroethene	2.03	0.100	2.000	0	102	71.3	129				
Methyl tert-butyl ether (MTBE)	1.95	0.100	2.000	0	97.7	59.3	138				
1,1-Dichloroethane	2.00	0.100	2.000	0	100	71.3	129				
cis-1,2-Dichloroethene	2.01	0.100	2.000	0	100	67.5	127				
Chloroform	2.01	0.100	2.000	0	101	70.3	123				
1,1,1-Trichloroethane (TCA)	2.02	0.100	2.000	0	101	67.9	134				
1,1-Dichloropropene	2.05	0.100	2.000	0	102	72.1	133				
Carbon tetrachloride	2.02	0.100	2.000	0	101	64.4	133				
1,2-Dichloroethane (EDC)	2.01	0.100	2.000	0	101	65.8	126				
Benzene	2.03	0.100	2.000	0	102	67.1	132				
Trichloroethene (TCE)	1.99	0.0500	2.000	0	99.7	71.9	130				
1,2-Dichloropropane	2.00	0.100	2.000	0	99.8	71.9	131				
Bromodichloromethane	1.99	0.100	2.000	0	99.3	70	130				
Dibromomethane	2.03	0.100	2.000	0	102	74.2	125				
cis-1,3-Dichloropropene	1.96	0.100	2.000	0	98.2	62.8	135				
Toluene	2.02	0.100	2.000	0	101	73.6	127				
trans-1,3-Dichloropropylene	1.95	0.100	2.000	0	97.6	58.1	138				
1,1,2-Trichloroethane	1.99	0.100	2.000	0	99.3	65.4	128				
1,3-Dichloropropane	1.99	0.100	2.000	0	99.7	71.9	131				
Tetrachloroethene (PCE)	2.04	0.100	2.000	0	102	52.4	140				
Dibromochloromethane	1.95	0.100	2.000	0	97.3	68.7	139				
1,2-Dibromoethane (EDB)	2.02	0.0250	2.000	0	101	71.2	129				
Chlorobenzene	2.00	0.100	2.000	0	100	77.2	122				



Date: 7/20/2020

Work Order: 2007186
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: LCS-28992	SampType: LCS	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: LCSW	Batch ID: 28992	Analysis Date: 7/15/2020							SeqNo: 1214151		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.98	0.100	2.000	0	99.2	76.2	130				
Ethylbenzene	2.02	0.100	2.000	0	101	78	127				
m,p-Xylene	4.07	0.100	4.000	0	102	77.5	130				
o-Xylene	2.00	0.100	2.000	0	99.8	77.6	126				
Styrene	2.02	0.100	2.000	0	101	66.8	137				
Isopropylbenzene	2.02	0.100	2.000	0	101	75.9	133				
Bromoform	1.93	0.100	2.000	0	96.4	54.1	146				
1,1,2,2-Tetrachloroethane	2.07	0.100	2.000	0	103	68	134				
n-Propylbenzene	2.03	0.100	2.000	0	101	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	99.9	71.1	131				
1,3,5-Trimethylbenzene	2.02	0.100	2.000	0	101	76.2	133				
2-Chlorotoluene	2.03	0.100	2.000	0	101	67.1	137				
4-Chlorotoluene	2.03	0.100	2.000	0	102	70.7	132				
tert-Butylbenzene	2.01	0.100	2.000	0	100	71.3	139				
1,2,3-Trichloropropane	1.97	0.100	2.000	0	98.4	70.8	132				
1,2,4-Trichlorobenzene	1.99	0.200	2.000	0	99.6	61.4	139				
sec-Butylbenzene	2.03	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.02	0.100	2.000	0	101	78.1	131				
1,3-Dichlorobenzene	1.95	0.100	2.000	0	97.3	73.5	125				
1,4-Dichlorobenzene	1.94	0.100	2.000	0	97.1	71.4	125				
n-Butylbenzene	2.05	0.100	2.000	0	103	69.8	138				
1,2-Dichlorobenzene	1.93	0.100	2.000	0	96.5	74.2	123				
1,2-Dibromo-3-chloropropane	1.97	0.100	2.000	0	98.5	53.6	155				
1,2,4-Trimethylbenzene	2.02	0.100	2.000	0	101	72.3	133				
Hexachlorobutadiene	1.95	0.400	2.000	0	97.7	60.9	141				
Naphthalene	1.96	0.100	2.000	0	97.9	58.2	140				
1,2,3-Trichlorobenzene	2.00	0.400	2.000	0	100	61.3	133				
Surr: Dibromofluoromethane	2.58		2.500		103	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.59		2.500		104	64.7	128				

Work Order: 2007186
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28992	SampType: MBLK	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: MBLKW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214103			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 7/20/2020

Work Order: 2007186
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28992	SampType: MBLK	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: MBLKW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214103			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.48		2.500		99.4	56.4	141				
Surr: Toluene-d8	2.37		2.500		94.9	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.7	64.7	128				



Date: 7/20/2020

Work Order: 2007186
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2007187-001AREP		SampType: REP		Units: µg/L		Prep Date: 7/15/2020			RunNo: 60595		
Client ID: BATCH		Batch ID: 28992		Analysis Date: 7/15/2020						SeqNo: 1214097	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	1.08	0.0500						1.051	2.65	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	0.117	0.100						0.1165	0.242	30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 7/20/2020

Work Order: 2007186
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: 2007187-001AREP	SampType: REP	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: BATCH	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214097			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.47		2.500		98.9	61.1	128		0		
Surr: Toluene-d8	2.50		2.500		100	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.7	64.7	128		0		

Client Name: **TRCI**
 Logged by: **Clare Griggs**

Work Order Number: **2007186**
 Date Received: **7/13/2020 12:17:00 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 Sample
 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 7/13/20

Page: 1 of: 1

Laboratory Project No (Internal):

Special Remarks:

Provide EDD Table

Project Name: WA Industries

Project No: 015354 (Formerly 6400)

Location: Seattle, WA

Collected by: JS Elk

Reports to (PM): Sean Trimble

Email (PM): STrimble@trccompanies.com

Client: TRC
Address: 1180 NW Maple Street
City, State, Zip: Issaquah, Washington, 98107
Telephone: 425-395-0010

Fax:

Sample Name	Canister / Flow Reg Serial #	Sample Date & Time	Sample Type (Matrix) *	Container Type **	Sample Volume	Fill Time	Flow Rate	Internal		Field Initial		Field Final		Analysis Requested	Receipt Date	Final Pressure (Tg)
								Evacuation Pressure (mm)	Sample Pressure (Tg)	Pressure (Tg)	Time	Pressure (Tg)	Time			
1		7/13/20 0945	S	TL TB		.5L min	.6L min							VOCs by 8260C		
2																
3																
4																
5																

* Matrix Codes: AA = Ambient Air IA = Indoor Air L = Landfill S = Subslab / Soil Gas
** Container Codes: BV = 1 Liter Bottle Vac CAN = Canister CYL = High Pressure Cylinder F = Filter S = Sorbent Tube TB = Tedlar Bag

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

Relinquished Date/Time: 7/13/20 1032 Received Date/Time: 7/13/20 12:17

Relinquished Date/Time: Received Date/Time:

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



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2007187

July 20, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 7/13/2020 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 Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)



Date: 07/20/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2007187

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2007187-001	S2-EFF-0713	07/13/2020 9:30 AM	07/13/2020 12:17 PM

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2007187

Date Reported: 7/20/2020

Client: TRC

Collection Date: 7/13/2020 9:30:00 AM

Project: WA Industries

Lab ID: 2007187-001

Matrix: Air

Client Sample ID: S2-EFF-0713

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28992

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Chloromethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Vinyl chloride	ND	0.0200		µg/L	1	7/15/2020 2:27:09 PM
Bromomethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Chloroethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Methylene chloride	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Chloroform	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Carbon tetrachloride	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Benzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Trichloroethene (TCE)	1.05	0.0500		µg/L	1	7/15/2020 2:27:09 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Bromodichloromethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Dibromomethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Toluene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Tetrachloroethene (PCE)	0.117	0.100		µg/L	1	7/15/2020 2:27:09 PM
Dibromochloromethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	7/15/2020 2:27:09 PM
Chlorobenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Ethylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
m,p-Xylene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
o-Xylene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Styrene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Isopropylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Bromoform	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM

Original



Analytical Report

Work Order: 2007187

Date Reported: 7/20/2020

Client: TRC

Collection Date: 7/13/2020 9:30:00 AM

Project: WA Industries

Lab ID: 2007187-001

Matrix: Air

Client Sample ID: S2-EFF-0713

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28992

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Bromobenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
2-Chlorotoluene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
4-Chlorotoluene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
tert-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	7/15/2020 2:27:09 PM
sec-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
n-Butylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	7/15/2020 2:27:09 PM
Naphthalene	ND	0.100		µg/L	1	7/15/2020 2:27:09 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	7/15/2020 2:27:09 PM
Surr: Dibromofluoromethane	100	56.4 - 141		%Rec	1	7/15/2020 2:27:09 PM
Surr: Toluene-d8	100	66 - 138		%Rec	1	7/15/2020 2:27:09 PM
Surr: 1-Bromo-4-fluorobenzene	95.6	64.7 - 128		%Rec	1	7/15/2020 2:27:09 PM



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-28992	SampType: LCS	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: LCSW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214151			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.75	0.100	2.000	0	138	38.8	143				
Chloromethane	1.94	0.100	2.000	0	96.9	42.5	131				
Vinyl chloride	2.02	0.0200	2.000	0	101	56.2	130				
Bromomethane	1.61	0.100	2.000	0	80.3	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	2.01	0.100	2.000	0	101	62.5	123				
1,1-Dichloroethene	2.04	0.100	2.000	0	102	60.7	146				
Methylene chloride	2.02	0.100	2.000	0	101	60.3	135				
trans-1,2-Dichloroethene	2.03	0.100	2.000	0	102	71.3	129				
Methyl tert-butyl ether (MTBE)	1.95	0.100	2.000	0	97.7	59.3	138				
1,1-Dichloroethane	2.00	0.100	2.000	0	100	71.3	129				
cis-1,2-Dichloroethene	2.01	0.100	2.000	0	100	67.5	127				
Chloroform	2.01	0.100	2.000	0	101	70.3	123				
1,1,1-Trichloroethane (TCA)	2.02	0.100	2.000	0	101	67.9	134				
1,1-Dichloropropene	2.05	0.100	2.000	0	102	72.1	133				
Carbon tetrachloride	2.02	0.100	2.000	0	101	64.4	133				
1,2-Dichloroethane (EDC)	2.01	0.100	2.000	0	101	65.8	126				
Benzene	2.03	0.100	2.000	0	102	67.1	132				
Trichloroethene (TCE)	1.99	0.0500	2.000	0	99.7	71.9	130				
1,2-Dichloropropane	2.00	0.100	2.000	0	99.8	71.9	131				
Bromodichloromethane	1.99	0.100	2.000	0	99.3	70	130				
Dibromomethane	2.03	0.100	2.000	0	102	74.2	125				
cis-1,3-Dichloropropene	1.96	0.100	2.000	0	98.2	62.8	135				
Toluene	2.02	0.100	2.000	0	101	73.6	127				
trans-1,3-Dichloropropylene	1.95	0.100	2.000	0	97.6	58.1	138				
1,1,2-Trichloroethane	1.99	0.100	2.000	0	99.3	65.4	128				
1,3-Dichloropropane	1.99	0.100	2.000	0	99.7	71.9	131				
Tetrachloroethene (PCE)	2.04	0.100	2.000	0	102	52.4	140				
Dibromochloromethane	1.95	0.100	2.000	0	97.3	68.7	139				
1,2-Dibromoethane (EDB)	2.02	0.0250	2.000	0	101	71.2	129				
Chlorobenzene	2.00	0.100	2.000	0	100	77.2	122				



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: LCS-28992	SampType: LCS	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: LCSW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214151			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.98	0.100	2.000	0	99.2	76.2	130				
Ethylbenzene	2.02	0.100	2.000	0	101	78	127				
m,p-Xylene	4.07	0.100	4.000	0	102	77.5	130				
o-Xylene	2.00	0.100	2.000	0	99.8	77.6	126				
Styrene	2.02	0.100	2.000	0	101	66.8	137				
Isopropylbenzene	2.02	0.100	2.000	0	101	75.9	133				
Bromoform	1.93	0.100	2.000	0	96.4	54.1	146				
1,1,2,2-Tetrachloroethane	2.07	0.100	2.000	0	103	68	134				
n-Propylbenzene	2.03	0.100	2.000	0	101	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	99.9	71.1	131				
1,3,5-Trimethylbenzene	2.02	0.100	2.000	0	101	76.2	133				
2-Chlorotoluene	2.03	0.100	2.000	0	101	67.1	137				
4-Chlorotoluene	2.03	0.100	2.000	0	102	70.7	132				
tert-Butylbenzene	2.01	0.100	2.000	0	100	71.3	139				
1,2,3-Trichloropropane	1.97	0.100	2.000	0	98.4	70.8	132				
1,2,4-Trichlorobenzene	1.99	0.200	2.000	0	99.6	61.4	139				
sec-Butylbenzene	2.03	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.02	0.100	2.000	0	101	78.1	131				
1,3-Dichlorobenzene	1.95	0.100	2.000	0	97.3	73.5	125				
1,4-Dichlorobenzene	1.94	0.100	2.000	0	97.1	71.4	125				
n-Butylbenzene	2.05	0.100	2.000	0	103	69.8	138				
1,2-Dichlorobenzene	1.93	0.100	2.000	0	96.5	74.2	123				
1,2-Dibromo-3-chloropropane	1.97	0.100	2.000	0	98.5	53.6	155				
1,2,4-Trimethylbenzene	2.02	0.100	2.000	0	101	72.3	133				
Hexachlorobutadiene	1.95	0.400	2.000	0	97.7	60.9	141				
Naphthalene	1.96	0.100	2.000	0	97.9	58.2	140				
1,2,3-Trichlorobenzene	2.00	0.400	2.000	0	100	61.3	133				
Surr: Dibromofluoromethane	2.58		2.500		103	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.59		2.500		104	64.7	128				



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28992	SampType: MBLK	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: MBLKW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214103			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-28992	SampType: MBLK	Units: µg/L			Prep Date: 7/15/2020			RunNo: 60595			
Client ID: MBLKW	Batch ID: 28992	Analysis Date: 7/15/2020						SeqNo: 1214103			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.48		2.500		99.4	56.4	141				
Surr: Toluene-d8	2.37		2.500		94.9	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.7	64.7	128				



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2007187-001AREP		SampType: REP		Units: µg/L		Prep Date: 7/15/2020			RunNo: 60595		
Client ID: S2-EFF-0713		Batch ID: 28992		Analysis Date: 7/15/2020						SeqNo: 1214097	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	1.08	0.0500						1.051	2.65	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	0.117	0.100						0.1165	0.242	30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	



Date: 7/20/2020

Work Order: 2007187
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2007187-001AREP		SampType: REP		Units: µg/L		Prep Date: 7/15/2020			RunNo: 60595		
Client ID: S2-EFF-0713		Batch ID: 28992		Analysis Date: 7/15/2020					SeqNo: 1214097		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.47		2.500		98.9	61.1	128		0		
Surr: Toluene-d8	2.50		2.500		100	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.7	64.7	128		0		

Client Name: **TRCI**
 Logged by: **Clare Griggs**

Work Order Number: **2007187**
 Date Received: **7/13/2020 12:17:00 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 Sample
 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 7/13/20 Page: 1 of 1

Project Name: WA Industries

Project No: 015354 (Formerly 64001)

Location: Seattle, WA

Collected by: JS EK

Reports to (PM): Sean Trimble

Email (PM): strimble@trccompanies.com

Laboratory Project No (Internal):

2007197

Special Remarks:

Provide EDD Table



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2008105

August 14, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 8/7/2020 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: 08/14/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2008105

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008105-001	S2-EFF-0807	08/07/2020 10:00 AM	08/07/2020 11:01 AM

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

Original

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- 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: 2008105

Date Reported: 8/14/2020

Client: TRC

Collection Date: 8/7/2020 10:00:00 AM

Project: WA Industries

Lab ID: 2008105-001

Matrix: Air

Client Sample ID: S2-EFF-0807

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29281

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Chloromethane	ND	0.100	Q	µg/L	1	8/7/2020 12:03:20 PM
Vinyl chloride	ND	0.0200		µg/L	1	8/7/2020 12:03:20 PM
Bromomethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Chloroethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Methylene chloride	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
cis-1,2-Dichloroethene	0.118	0.100		µg/L	1	8/7/2020 12:03:20 PM
Chloroform	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Carbon tetrachloride	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Benzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Trichloroethene (TCE)	1.50	0.0500		µg/L	1	8/7/2020 12:03:20 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Bromodichloromethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Dibromomethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Toluene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Tetrachloroethene (PCE)	0.190	0.100		µg/L	1	8/7/2020 12:03:20 PM
Dibromochloromethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	8/7/2020 12:03:20 PM
Chlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Ethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
m,p-Xylene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
o-Xylene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Styrene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Isopropylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Bromoform	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM

Original



Analytical Report

Work Order: 2008105

Date Reported: 8/14/2020

Client: TRC

Collection Date: 8/7/2020 10:00:00 AM

Project: WA Industries

Lab ID: 2008105-001

Matrix: Air

Client Sample ID: S2-EFF-0807

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29281

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Bromobenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
2-Chlorotoluene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
4-Chlorotoluene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
tert-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	8/7/2020 12:03:20 PM
sec-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
n-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	8/7/2020 12:03:20 PM
Naphthalene	ND	0.100		µg/L	1	8/7/2020 12:03:20 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	8/7/2020 12:03:20 PM
Surr: Dibromofluoromethane	95.7	56.4 - 141		%Rec	1	8/7/2020 12:03:20 PM
Surr: Toluene-d8	97.3	66 - 138		%Rec	1	8/7/2020 12:03:20 PM
Surr: 1-Bromo-4-fluorobenzene	100	64.7 - 128		%Rec	1	8/7/2020 12:03:20 PM

NOTES:

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



Date: 8/14/2020

Work Order: 2008105
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281	SampType: MBLK	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: MBLKW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226122			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									Q
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 8/14/2020

Work Order: 2008105
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281	SampType: MBLK	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: MBLKW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226122			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.44		2.500		97.5	56.4	141				
Surr: Toluene-d8	2.42		2.500		96.8	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.47		2.500		98.7	64.7	128				



Date: 8/14/2020

Work Order: 2008105
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281		SampType: MBLK			Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: MBLKW		Batch ID: 29281						Analysis Date: 8/7/2020			SeqNo: 1226122	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

NOTES:

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

Sample ID: 2008097-004AREP		SampType: REP		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: BATCH		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226118	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	



Date: 8/14/2020

Work Order: 2008105
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2008097-004AREP		SampType: REP		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: BATCH		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226118	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	0.255	0.100						0.2412	5.66	30	
m,p-Xylene	1.40	0.100						1.335	4.44	30	
o-Xylene	0.372	0.100						0.3500	5.99	30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	



Date: 8/14/2020

Work Order: 2008105
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2008097-004AREP		SampType: REP		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: BATCH		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226118	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.41		2.500		96.3	61.1	128		0		
Surr: Toluene-d8	2.45		2.500		98.2	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.51		2.500		100	64.7	128		0		

NOTES:

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

Sample ID: LCS-29281		SampType: LCS		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: LCSW		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226121	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.69	0.100	2.000	0	84.5	38.8	143				
Chloromethane	1.53	0.100	2.000	0	76.5	42.5	131				
Vinyl chloride	1.93	0.0200	2.000	0	96.6	56.2	130				
Bromomethane	2.66	0.100	2.000	0	133	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	1.88	0.100	2.000	0	93.8	62.5	123				
1,1-Dichloroethene	1.95	0.100	2.000	0	97.5	60.7	146				
Methylene chloride	1.98	0.100	2.000	0	99.0	60.3	135				
trans-1,2-Dichloroethene	1.97	0.100	2.000	0	98.7	71.3	129				
Methyl tert-butyl ether (MTBE)	1.67	0.100	2.000	0	83.4	59.3	138				
1,1-Dichloroethane	1.94	0.100	2.000	0	97.1	71.3	129				
cis-1,2-Dichloroethene	1.93	0.100	2.000	0	96.7	67.5	127				
Chloroform	1.97	0.100	2.000	0	98.3	70.3	123				
1,1,1-Trichloroethane (TCA)	2.00	0.100	2.000	0	99.9	67.9	134				
1,1-Dichloropropene	1.97	0.100	2.000	0	98.5	72.1	133				
Carbon tetrachloride	1.99	0.100	2.000	0	99.3	64.4	133				
1,2-Dichloroethane (EDC)	1.89	0.100	2.000	0	94.5	65.8	126				
Benzene	1.98	0.100	2.000	0	99.0	67.1	132				



Date: 8/14/2020

Work Order: 2008105
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-29281	SampType: LCS	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: LCSW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226121			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.98	0.0500	2.000	0	98.9	71.9	130				
1,2-Dichloropropane	1.96	0.100	2.000	0	97.8	71.9	131				
Bromodichloromethane	1.94	0.100	2.000	0	97.1	70	130				
Dibromomethane	1.86	0.100	2.000	0	92.9	74.2	125				
cis-1,3-Dichloropropene	1.93	0.100	2.000	0	96.5	62.8	135				
Toluene	2.00	0.100	2.000	0	100	73.6	127				
trans-1,3-Dichloropropylene	1.82	0.100	2.000	0	91.0	58.1	138				
1,1,2-Trichloroethane	1.83	0.100	2.000	0	91.6	65.4	128				
1,3-Dichloropropane	1.84	0.100	2.000	0	92.1	71.9	131				
Tetrachloroethene (PCE)	2.01	0.100	2.000	0	100	52.4	140				
Dibromochloromethane	1.84	0.100	2.000	0	91.8	68.7	139				
1,2-Dibromoethane (EDB)	1.81	0.0250	2.000	0	90.5	71.2	129				
Chlorobenzene	1.98	0.100	2.000	0	99.1	77.2	122				
1,1,1,2-Tetrachloroethane	1.93	0.100	2.000	0	96.6	76.2	130				
Ethylbenzene	1.99	0.100	2.000	0	99.6	78	127				
m,p-Xylene	3.94	0.100	4.000	0	98.4	77.5	130				
o-Xylene	1.99	0.100	2.000	0	99.3	77.6	126				
Styrene	1.95	0.100	2.000	0	97.3	66.8	137				
Isopropylbenzene	2.01	0.100	2.000	0	100	75.9	133				
Bromoform	1.71	0.100	2.000	0	85.6	54.1	146				
1,1,2,2-Tetrachloroethane	1.72	0.100	2.000	0	86.0	68	134				
n-Propylbenzene	2.03	0.100	2.000	0	102	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	100	71.1	131				
1,3,5-Trimethylbenzene	2.05	0.100	2.000	0	103	76.2	133				
2-Chlorotoluene	2.06	0.100	2.000	0	103	67.1	137				
4-Chlorotoluene	2.01	0.100	2.000	0	100	70.7	132				
tert-Butylbenzene	2.04	0.100	2.000	0	102	71.3	139				
1,2,3-Trichloropropane	1.68	0.100	2.000	0	84.2	70.8	132				
1,2,4-Trichlorobenzene	1.78	0.200	2.000	0	88.8	61.4	139				
sec-Butylbenzene	2.17	0.100	2.000	0	108	77.4	136				
4-Isopropyltoluene	2.17	0.100	2.000	0	109	78.1	131				

Work Order: 2008105
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-29281	SampType: LCS	Units: µg/L				Prep Date: 8/7/2020			RunNo: 61141		
Client ID: LCSW	Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226121		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	2.00	0.100	2.000	0	100	73.5	125				
1,4-Dichlorobenzene	2.00	0.100	2.000	0	99.8	71.4	125				
n-Butylbenzene	2.12	0.100	2.000	0	106	69.8	138				
1,2-Dichlorobenzene	2.03	0.100	2.000	0	101	74.2	123				
1,2-Dibromo-3-chloropropane	1.56	0.100	2.000	0	77.9	53.6	155				
1,2,4-Trimethylbenzene	2.13	0.100	2.000	0	107	72.3	133				
Hexachlorobutadiene	2.05	0.400	2.000	0	103	60.9	141				
Naphthalene	1.58	0.100	2.000	0	79.1	58.2	140				
1,2,3-Trichlorobenzene	1.82	0.400	2.000	0	91.2	61.3	133				
Surr: Dibromofluoromethane	2.49		2.500		99.4	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.64		2.500		106	64.7	128				

Sample Log-In Check List

Client Name: **TRCI**
 Logged by: **Brianna Barnes**

Work Order Number: **2008105**
 Date Received: **8/7/2020 11:01:00 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 ☐
 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 * Air sample. 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

Air Chain of Custody Record & Laboratory Services Agreement

Date: 8/17/20 Page: 1 of 1

Laboratory Project No (Internal): 2008105

Special Remarks:

Provide EDD Table

Client: TRC

Address: 1180 NW Maple Street

City, State, Zip: Issaquah, Washington, 98107

Telephone: 425-395-0010

Reports to (PM): Sean Trimble

Fax: Email (PM): Trimble@trccompanies.com

Sample Name	Canister / Flow Reg Serial #	Sample Date & Time	Sample Type (Matrix)	Container Type **	Sample Volume	Fill Time	Flow Rate	Internal		Analysis Requested	Internal	
								Evacuation Pressure (mmHg)	Field Initial Sample Pressure ("Hg)		Field Final Sample Pressure ("Hg)	Receipt Date
1		8/17/20	S	1L TB	1L	.5L min	.5L min	Pressure	Pressure	Pressure		
2		8/17/20	S	1L TB	1L	.5L min	.5L min	Pressure	Pressure	Pressure		
3								Pressure	Pressure	Pressure		
4								Pressure	Pressure	Pressure		
5								Pressure	Pressure	Pressure		
6								Pressure	Pressure	Pressure		
7								Pressure	Pressure	Pressure		
8								Pressure	Pressure	Pressure		
9								Pressure	Pressure	Pressure		
10								Pressure	Pressure	Pressure		
11								Pressure	Pressure	Pressure		
12								Pressure	Pressure	Pressure		
13								Pressure	Pressure	Pressure		
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99								Pressure	Pressure	Pressure		
100								Pressure	Pressure	Pressure		

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

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



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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2008107

August 13, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 8/7/2020 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: 08/13/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2008107

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008107-001	AIR-EFF	08/07/2020 9:45 AM	08/07/2020 11:01 AM

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



Case Narrative

WO#: 2008107

Date: 8/13/2020

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- 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: 2008107
Date Reported: 8/13/2020

Client: TRC

Collection Date: 8/7/2020 9:45:00 AM

Project: WA Industries

Lab ID: 2008107-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29281

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Chloromethane	ND	0.100	Q	µg/L	1	8/7/2020 12:33:23 PM
Vinyl chloride	ND	0.0200		µg/L	1	8/7/2020 12:33:23 PM
Bromomethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Chloroethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Methylene chloride	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Chloroform	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Carbon tetrachloride	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Benzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Trichloroethene (TCE)	3.92	0.0500		µg/L	1	8/7/2020 12:33:23 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Bromodichloromethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Dibromomethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Toluene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Dibromochloromethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	8/7/2020 12:33:23 PM
Chlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Ethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
m,p-Xylene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
o-Xylene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Styrene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Isopropylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Bromoform	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM

Original



Analytical Report

Work Order: 2008107
Date Reported: 8/13/2020

Client: TRC

Collection Date: 8/7/2020 9:45:00 AM

Project: WA Industries

Lab ID: 2008107-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29281

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Bromobenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
2-Chlorotoluene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
4-Chlorotoluene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
tert-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	8/7/2020 12:33:23 PM
sec-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
n-Butylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	8/7/2020 12:33:23 PM
Naphthalene	ND	0.100		µg/L	1	8/7/2020 12:33:23 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	8/7/2020 12:33:23 PM
Surr: Dibromofluoromethane	95.0	56.4 - 141		%Rec	1	8/7/2020 12:33:23 PM
Surr: Toluene-d8	98.2	66 - 138		%Rec	1	8/7/2020 12:33:23 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	64.7 - 128		%Rec	1	8/7/2020 12:33:23 PM

NOTES:

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



Date: 8/13/2020

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281	SampType: MBLK	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: MBLKW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226122			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									Q
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									



Date: 8/13/2020

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281	SampType: MBLK	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: MBLKW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226122			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.44		2.500		97.5	56.4	141				
Surr: Toluene-d8	2.42		2.500		96.8	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.47		2.500		98.7	64.7	128				



Date: 8/13/2020

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-29281		SampType: MBLK			Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: MBLKW		Batch ID: 29281			Analysis Date: 8/7/2020			SeqNo: 1226122				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

NOTES:

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

Sample ID: 2008097-004AREP		SampType: REP		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: BATCH		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226118	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	



Date: 8/13/2020

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT**Volatile Organic Compounds by EPA Method 8260D**

Sample ID: 2008097-004AREP	SampType: REP	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: BATCH	Batch ID: 29281				Analysis Date: 8/7/2020			SeqNo: 1226118			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	0.255	0.100						0.2412	5.66	30	
m,p-Xylene	1.40	0.100						1.335	4.44	30	
o-Xylene	0.372	0.100						0.3500	5.99	30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	



Date: 8/13/2020

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2008097-004AREP	SampType: REP	Units: µg/L			Prep Date: 8/7/2020			RunNo: 61141			
Client ID: BATCH	Batch ID: 29281				Analysis Date: 8/7/2020			SeqNo: 1226118			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.41		2.500		96.3	61.1	128		0		
Surr: Toluene-d8	2.45		2.500		98.2	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.51		2.500		100	64.7	128		0		

NOTES:

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

Sample ID: LCS-29281	SampType: LCS	Units: µg/L				Prep Date: 8/7/2020			RunNo: 61141		
Client ID: LCSW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226121			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.69	0.100	2.000	0	84.5	38.8	143				
Chloromethane	1.53	0.100	2.000	0	76.5	42.5	131				
Vinyl chloride	1.93	0.0200	2.000	0	96.6	56.2	130				
Bromomethane	2.66	0.100	2.000	0	133	45.4	138				
Trichlorofluoromethane (CFC-11)	2.08	0.100	2.000	0	104	64.7	129				
Chloroethane	1.88	0.100	2.000	0	93.8	62.5	123				
1,1-Dichloroethene	1.95	0.100	2.000	0	97.5	60.7	146				
Methylene chloride	1.98	0.100	2.000	0	99.0	60.3	135				
trans-1,2-Dichloroethene	1.97	0.100	2.000	0	98.7	71.3	129				
Methyl tert-butyl ether (MTBE)	1.67	0.100	2.000	0	83.4	59.3	138				
1,1-Dichloroethane	1.94	0.100	2.000	0	97.1	71.3	129				
cis-1,2-Dichloroethene	1.93	0.100	2.000	0	96.7	67.5	127				
Chloroform	1.97	0.100	2.000	0	98.3	70.3	123				
1,1,1-Trichloroethane (TCA)	2.00	0.100	2.000	0	99.9	67.9	134				
1,1-Dichloropropene	1.97	0.100	2.000	0	98.5	72.1	133				
Carbon tetrachloride	1.99	0.100	2.000	0	99.3	64.4	133				
1,2-Dichloroethane (EDC)	1.89	0.100	2.000	0	94.5	65.8	126				
Benzene	1.98	0.100	2.000	0	99.0	67.1	132				



Date: 8/13/2020

Work Order: 2008107
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-29281	SampType: LCS	Units: µg/L				Prep Date: 8/7/2020			RunNo: 61141		
Client ID: LCSW	Batch ID: 29281	Analysis Date: 8/7/2020						SeqNo: 1226121			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.98	0.0500	2.000	0	98.9	71.9	130				
1,2-Dichloropropane	1.96	0.100	2.000	0	97.8	71.9	131				
Bromodichloromethane	1.94	0.100	2.000	0	97.1	70	130				
Dibromomethane	1.86	0.100	2.000	0	92.9	74.2	125				
cis-1,3-Dichloropropene	1.93	0.100	2.000	0	96.5	62.8	135				
Toluene	2.00	0.100	2.000	0	100	73.6	127				
trans-1,3-Dichloropropylene	1.82	0.100	2.000	0	91.0	58.1	138				
1,1,2-Trichloroethane	1.83	0.100	2.000	0	91.6	65.4	128				
1,3-Dichloropropane	1.84	0.100	2.000	0	92.1	71.9	131				
Tetrachloroethene (PCE)	2.01	0.100	2.000	0	100	52.4	140				
Dibromochloromethane	1.84	0.100	2.000	0	91.8	68.7	139				
1,2-Dibromoethane (EDB)	1.81	0.0250	2.000	0	90.5	71.2	129				
Chlorobenzene	1.98	0.100	2.000	0	99.1	77.2	122				
1,1,1,2-Tetrachloroethane	1.93	0.100	2.000	0	96.6	76.2	130				
Ethylbenzene	1.99	0.100	2.000	0	99.6	78	127				
m,p-Xylene	3.94	0.100	4.000	0	98.4	77.5	130				
o-Xylene	1.99	0.100	2.000	0	99.3	77.6	126				
Styrene	1.95	0.100	2.000	0	97.3	66.8	137				
Isopropylbenzene	2.01	0.100	2.000	0	100	75.9	133				
Bromoform	1.71	0.100	2.000	0	85.6	54.1	146				
1,1,2,2-Tetrachloroethane	1.72	0.100	2.000	0	86.0	68	134				
n-Propylbenzene	2.03	0.100	2.000	0	102	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	100	71.1	131				
1,3,5-Trimethylbenzene	2.05	0.100	2.000	0	103	76.2	133				
2-Chlorotoluene	2.06	0.100	2.000	0	103	67.1	137				
4-Chlorotoluene	2.01	0.100	2.000	0	100	70.7	132				
tert-Butylbenzene	2.04	0.100	2.000	0	102	71.3	139				
1,2,3-Trichloropropane	1.68	0.100	2.000	0	84.2	70.8	132				
1,2,4-Trichlorobenzene	1.78	0.200	2.000	0	88.8	61.4	139				
sec-Butylbenzene	2.17	0.100	2.000	0	108	77.4	136				
4-Isopropyltoluene	2.17	0.100	2.000	0	109	78.1	131				

Work Order: 2008107
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-29281		SampType: LCS		Units: µg/L		Prep Date: 8/7/2020			RunNo: 61141		
Client ID: LCSW		Batch ID: 29281					Analysis Date: 8/7/2020			SeqNo: 1226121	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	2.00	0.100	2.000	0	100	73.5	125				
1,4-Dichlorobenzene	2.00	0.100	2.000	0	99.8	71.4	125				
n-Butylbenzene	2.12	0.100	2.000	0	106	69.8	138				
1,2-Dichlorobenzene	2.03	0.100	2.000	0	101	74.2	123				
1,2-Dibromo-3-chloropropane	1.56	0.100	2.000	0	77.9	53.6	155				
1,2,4-Trimethylbenzene	2.13	0.100	2.000	0	107	72.3	133				
Hexachlorobutadiene	2.05	0.400	2.000	0	103	60.9	141				
Naphthalene	1.58	0.100	2.000	0	79.1	58.2	140				
1,2,3-Trichlorobenzene	1.82	0.400	2.000	0	91.2	61.3	133				
Surr: Dibromofluoromethane	2.49		2.500		99.4	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.64		2.500		106	64.7	128				

Client Name: **TRCI**

Work Order Number: **2008107**

Logged by: **Brianna Barnes**

Date Received: **8/7/2020 11:01:00 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 ☐
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 * Air sample. 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
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TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2012062

December 10, 2020

Attention Sean Trimble:

Fremont Analytical, Inc. received 2 sample(s) on 12/3/2020 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:

Mariem Esparra

*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: 12/10/2020

CLIENT: TRC
Project: WA Industries
Work Order: 2012062

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2012062-001	S2-EFF-1203	12/03/2020 12:07 PM	12/03/2020 1:36 PM
2012062-002	Air-EFF	12/03/2020 12:30 PM	12/03/2020 1:36 PM

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

Original

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 (<20%RSD, <20% Drift or minimum RRF)
- 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
- 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: 2012062

Date Reported: 12/10/2020

Client: TRC

Collection Date: 12/3/2020 12:07:00 PM

Project: WA Industries

Lab ID: 2012062-001

Matrix: Air

Client Sample ID: S2-EFF-1203

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 30615

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Chloromethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Vinyl chloride	ND	0.0200		µg/L	1	12/4/2020 8:40:53 AM
Bromomethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Chloroethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Methylene chloride	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Chloroform	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Carbon tetrachloride	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Benzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Trichloroethene (TCE)	0.602	0.0500		µg/L	1	12/4/2020 8:40:53 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Bromodichloromethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Dibromomethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Toluene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
trans-1,3-Dichloropropylene	ND	0.100	Q	µg/L	1	12/4/2020 8:40:53 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Dibromochloromethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	12/4/2020 8:40:53 AM
Chlorobenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Ethylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
m,p-Xylene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
o-Xylene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Styrene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Isopropylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Bromoform	ND	0.100	Q	µg/L	1	12/4/2020 8:40:53 AM
1,1,2,2-Tetrachloroethane	ND	0.100	Q	µg/L	1	12/4/2020 8:40:53 AM

Original



Client: TRC

Collection Date: 12/3/2020 12:07:00 PM

Project: WA Industries

Lab ID: 2012062-001

Matrix: Air

Client Sample ID: S2-EFF-1203

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 30615

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Bromobenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
2-Chlorotoluene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
4-Chlorotoluene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
tert-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2,3-Trichloropropane	ND	0.100	Q	µg/L	1	12/4/2020 8:40:53 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	12/4/2020 8:40:53 AM
sec-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
n-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	12/4/2020 8:40:53 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	12/4/2020 8:40:53 AM
Naphthalene	ND	0.100		µg/L	1	12/4/2020 8:40:53 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	12/4/2020 8:40:53 AM
Surr: Dibromofluoromethane	95.6	56.4 - 141		%Rec	1	12/4/2020 8:40:53 AM
Surr: Toluene-d8	102	66 - 138		%Rec	1	12/4/2020 8:40:53 AM
Surr: 1-Bromo-4-fluorobenzene	92.0	64.7 - 128		%Rec	1	12/4/2020 8:40:53 AM

NOTES:

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



Analytical Report

Work Order: 2012062

Date Reported: 12/10/2020

Client: TRC

Collection Date: 12/3/2020 12:30:00 PM

Project: WA Industries

Lab ID: 2012062-002

Matrix: Air

Client Sample ID: Air-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 30615

Analyst: KT

Dichlorodifluoromethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Chloromethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Vinyl chloride	ND	0.0200		µg/L	1	12/4/2020 9:11:30 AM
Bromomethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Chloroethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Methylene chloride	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Chloroform	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Carbon tetrachloride	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Benzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Trichloroethene (TCE)	3.75	0.0500		µg/L	1	12/4/2020 9:11:30 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Bromodichloromethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Dibromomethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Toluene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
trans-1,3-Dichloropropylene	ND	0.100	Q	µg/L	1	12/4/2020 9:11:30 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Dibromochloromethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	12/4/2020 9:11:30 AM
Chlorobenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Ethylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
m,p-Xylene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
o-Xylene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Styrene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Isopropylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Bromoform	ND	0.100	Q	µg/L	1	12/4/2020 9:11:30 AM
1,1,2,2-Tetrachloroethane	ND	0.100	Q	µg/L	1	12/4/2020 9:11:30 AM

Original



Client: TRC

Collection Date: 12/3/2020 12:30:00 PM

Project: WA Industries

Lab ID: 2012062-002

Matrix: Air

Client Sample ID: Air-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 30615

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Bromobenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
2-Chlorotoluene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
4-Chlorotoluene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
tert-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2,3-Trichloropropane	ND	0.100	Q	µg/L	1	12/4/2020 9:11:30 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	12/4/2020 9:11:30 AM
sec-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
n-Butylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	12/4/2020 9:11:30 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	12/4/2020 9:11:30 AM
Naphthalene	ND	0.100		µg/L	1	12/4/2020 9:11:30 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	12/4/2020 9:11:30 AM
Surr: Dibromofluoromethane	96.5	56.4 - 141		%Rec	1	12/4/2020 9:11:30 AM
Surr: Toluene-d8	102	66 - 138		%Rec	1	12/4/2020 9:11:30 AM
Surr: 1-Bromo-4-fluorobenzene	91.2	64.7 - 128		%Rec	1	12/4/2020 9:11:30 AM

NOTES:

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

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-30615	SampType: LCS	Units: µg/L				Prep Date: 12/4/2020			RunNo: 63833		
Client ID: LCSW	Batch ID: 30615	Analysis Date: 12/4/2020							SeqNo: 1281971		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.93	0.100	2.000	0	96.4	38.8	143				
Chloromethane	3.69	0.100	2.000	0	185	42.5	131				S
Vinyl chloride	1.90	0.0200	2.000	0	94.8	56.2	130				
Bromomethane	3.59	0.100	2.000	0	180	45.4	138				S
Trichlorofluoromethane (CFC-11)	1.88	0.100	2.000	0	93.9	64.7	129				
Chloroethane	1.96	0.100	2.000	0	98.0	62.5	123				
1,1-Dichloroethene	1.91	0.100	2.000	0	95.5	60.7	146				
Methylene chloride	1.95	0.100	2.000	0	97.6	60.3	135				
trans-1,2-Dichloroethene	1.97	0.100	2.000	0	98.5	71.3	129				
Methyl tert-butyl ether (MTBE)	1.78	0.100	2.000	0	88.9	59.3	138				
1,1-Dichloroethane	1.95	0.100	2.000	0	97.3	71.3	129				
cis-1,2-Dichloroethene	2.02	0.100	2.000	0	101	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.4	70.3	123				
1,1,1-Trichloroethane (TCA)	1.87	0.100	2.000	0	93.3	67.9	134				
1,1-Dichloropropene	1.93	0.100	2.000	0	96.4	72.1	133				
Carbon tetrachloride	1.75	0.100	2.000	0	87.3	64.4	133				
1,2-Dichloroethane (EDC)	1.94	0.100	2.000	0	96.8	65.8	126				
Benzene	2.11	0.100	2.000	0	105	67.1	132				
Trichloroethene (TCE)	2.10	0.0500	2.000	0	105	71.9	130				
1,2-Dichloropropane	1.98	0.100	2.000	0	99.0	71.9	131				
Bromodichloromethane	1.84	0.100	2.000	0	92.1	70	130				
Dibromomethane	1.96	0.100	2.000	0	97.8	74.2	125				
cis-1,3-Dichloropropene	1.72	0.100	2.000	0	86.0	62.8	135				
Toluene	2.06	0.100	2.000	0	103	73.6	127				
trans-1,3-Dichloropropylene	1.56	0.100	2.000	0	78.0	58.1	138				
1,1,2-Trichloroethane	1.96	0.100	2.000	0	98.2	65.4	128				
1,3-Dichloropropane	1.96	0.100	2.000	0	97.8	71.9	131				
Tetrachloroethene (PCE)	1.90	0.100	2.000	0	95.2	52.4	140				
Dibromochloromethane	1.66	0.100	2.000	0	83.0	68.7	139				
1,2-Dibromoethane (EDB)	1.90	0.0250	2.000	0	95.1	71.2	129				



Date: 12/10/2020

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-30615	SampType: LCS	Units: µg/L			Prep Date: 12/4/2020			RunNo: 63833			
Client ID: LCSW	Batch ID: 30615	Analysis Date: 12/4/2020						SeqNo: 1281971			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	2.03	0.100	2.000	0	102	77.2	122				
1,1,1,2-Tetrachloroethane	1.73	0.100	2.000	0	86.5	76.2	130				
Ethylbenzene	2.18	0.100	2.000	0	109	78	127				
m,p-Xylene	3.99	0.100	4.000	0	99.8	77.5	130				
o-Xylene	1.95	0.100	2.000	0	97.3	77.6	126				
Styrene	2.07	0.100	2.000	0	103	66.8	137				
Isopropylbenzene	2.15	0.100	2.000	0	107	75.9	133				
Bromoform	1.33	0.100	2.000	0	66.7	54.1	146				
1,1,2,2-Tetrachloroethane	1.55	0.100	2.000	0	77.6	68	134				
n-Propylbenzene	2.17	0.100	2.000	0	109	77.1	133				
Bromobenzene	1.92	0.100	2.000	0	96.1	71.1	131				
1,3,5-Trimethylbenzene	2.04	0.100	2.000	0	102	76.2	133				
2-Chlorotoluene	2.09	0.100	2.000	0	105	67.1	137				
4-Chlorotoluene	2.04	0.100	2.000	0	102	70.7	132				
tert-Butylbenzene	2.10	0.100	2.000	0	105	71.3	139				
1,2,3-Trichloropropane	1.46	0.100	2.000	0	72.9	70.8	132				
1,2,4-Trichlorobenzene	1.86	0.200	2.000	0	93.0	61.4	139				
sec-Butylbenzene	2.11	0.100	2.000	0	106	77.4	136				
4-Isopropyltoluene	2.04	0.100	2.000	0	102	78.1	131				
1,3-Dichlorobenzene	2.02	0.100	2.000	0	101	73.5	125				
1,4-Dichlorobenzene	2.02	0.100	2.000	0	101	71.4	125				
n-Butylbenzene	1.96	0.100	2.000	0	97.8	69.8	138				
1,2-Dichlorobenzene	2.02	0.100	2.000	0	101	74.2	123				
1,2-Dibromo-3-chloropropane	1.31	0.100	2.000	0	65.7	53.6	155				
1,2,4-Trimethylbenzene	2.06	0.100	2.000	0	103	72.3	133				
Hexachlorobutadiene	1.80	0.400	2.000	0	89.8	60.9	141				
Naphthalene	1.76	0.100	2.000	0	87.9	58.2	140				
1,2,3-Trichlorobenzene	1.82	0.400	2.000	0	91.1	61.3	133				
Surr: Dibromofluoromethane	2.44		2.500		97.5	56.4	141				
Surr: Toluene-d8	2.59		2.500		103	66	138				

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-30615		SampType: LCS			Units: µg/L		Prep Date: 12/4/2020			RunNo: 63833		
Client ID: LCSW		Batch ID: 30615			Analysis Date: 12/4/2020			SeqNo: 1281971				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Surr: 1-Bromo-4-fluorobenzene 2.41 2.500 96.3 64.7 128

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: MB-30615		SampType: MBLK		Units: µg/L		Prep Date: 12/4/2020			RunNo: 63833			
Client ID: MBLKW		Batch ID: 30615					Analysis Date: 12/4/2020			SeqNo: 1281961		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Dichlorodifluoromethane	ND	0.100
Chloromethane	ND	0.100
Vinyl chloride	ND	0.0200
Bromomethane	ND	0.100
Trichlorofluoromethane (CFC-11)	ND	0.100
Chloroethane	ND	0.100
1,1-Dichloroethene	ND	0.100
Methylene chloride	ND	0.100
trans-1,2-Dichloroethene	ND	0.100
Methyl tert-butyl ether (MTBE)	ND	0.100
1,1-Dichloroethane	ND	0.100
cis-1,2-Dichloroethene	ND	0.100
Chloroform	ND	0.100
1,1,1-Trichloroethane (TCA)	ND	0.100
1,1-Dichloropropene	ND	0.100
Carbon tetrachloride	ND	0.100
1,2-Dichloroethane (EDC)	ND	0.100
Benzene	ND	0.100
Trichloroethene (TCE)	ND	0.0500
1,2-Dichloropropane	ND	0.100
Bromodichloromethane	ND	0.100
Dibromomethane	ND	0.100
cis-1,3-Dichloropropene	ND	0.100



Date: 12/10/2020

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-30615	SampType: MBLK	Units: µg/L			Prep Date: 12/4/2020			RunNo: 63833			
Client ID: MBLKW	Batch ID: 30615	Analysis Date: 12/4/2020						SeqNo: 1281961			
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	0.100									Q
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									Q
1,1,2,2-Tetrachloroethane	ND	0.100									Q
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									Q
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									



Date: 12/10/2020

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-30615	SampType: MBLK	Units: µg/L			Prep Date: 12/4/2020				RunNo: 63833		
Client ID: MBLKW	Batch ID: 30615	Analysis Date: 12/4/2020							SeqNo: 1281961		
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									Q
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.34		2.500		93.6	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.30		2.500		92.2	64.7	128				

NOTES:

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

Sample ID: 2012062-002AREP		SampType: REP		Units: µg/L		Prep Date: 12/4/2020			RunNo: 63833		
Client ID: Air-EFF		Batch ID: 30615					Analysis Date: 12/4/2020			SeqNo: 1281958	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	



Date: 12/10/2020

Work Order: 2012062
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2012062-002AREP		SampType: REP		Units: µg/L		Prep Date: 12/4/2020			RunNo: 63833		
Client ID: Air-EFF		Batch ID: 30615					Analysis Date: 12/4/2020			SeqNo: 1281958	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	3.68	0.0500						3.749	1.86	30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	Q
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	Q
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	Q
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	Q



Date: 12/10/2020

Work Order: 2012062
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2012062-002AREP		SampType: REP		Units: µg/L		Prep Date: 12/4/2020			RunNo: 63833		
Client ID: Air-EFF		Batch ID: 30615		Analysis Date: 12/4/2020						SeqNo: 1281958	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	Q
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.44		2.500		97.7	61.1	128		0		
Surr: Toluene-d8	2.59		2.500		103	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.28		2.500		91.2	64.7	128		0		

NOTES:

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

Client Name: **TRCI**
 Logged by: **Carissa True**

Work Order Number: **2012062**
 Date Received: **12/3/2020 1:36:00 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



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

Chain of Custody Record & Laboratory Services Agreement

Date: 12/3/20 Page: 1 of 1

Project Name: WA Industries

Project No: 015354

Collected by: Sean Hanen Espanza

Location: Seattle, WA

Report To (PM): Sean Trinkle / M. Espanza

PM Email: Stink@thecompanies.com / HEspanza@thecompanies.com

Laboratory Project No (Internal): 2010042
Special Remarks:

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

Client: TRC

Address: 1180 NW Maple St, Suite 310

City, State, Zip: Issaquah, WA 98027

Telephone: 425-395-0010

Fax:

Sample Name

Sample Date

Sample Time

Sample Type (Matrix)*

VOCs (EPA 8260 / 624)
GX/BTEX
BTEX
Gasoline Range Organics (GX)
Hydrocarbon Identification (HCD)
Diesel/Heavy Oil Range Organics (DH)
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-1203

12/3/20

1207

A

X

2 Air-EFF

12/3/20

1230

A

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 Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Iodide 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 and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished Date/Time

12/3/20

1330

Received

Date/Time

12/3/20 1330

Relinquished

Date/Time

Received

Date/Time

12/3/20 1330

Turn-around Time:

☒ Standard

☐ 3 Day

☐ 2 Day

☐ Next Day

☐ Same Day

(Specify)



Fremont
Analytical

3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2102295

February 23, 2021

Attention Sean Trimble:

Fremont Analytical, Inc. received 2 sample(s) on 2/18/2021 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:

Mariem Esparra

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: 02/23/2021

CLIENT: TRC

Project: WA Industries

Work Order: 2102295

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2102295-001	AIR-EFF	02/18/2021 12:49 PM	02/18/2021 3:37 PM
2102295-002	S2-EFF-021821	02/18/2021 12:52 PM	02/18/2021 3:37 PM

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

Original

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 (<20%RSD, <20% Drift or minimum RRF)
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
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: 2102295

Date Reported: 2/23/2021

Client: TRC

Collection Date: 2/18/2021 12:49:00 PM

Project: WA Industries

Lab ID: 2102295-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 31415

Analyst: KT

Dichlorodifluoromethane	ND	0.100	Q	µg/L	1	2/19/2021 8:13:57 AM
Chloromethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/19/2021 8:13:57 AM
Bromomethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Chloroethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Methylene chloride	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Chloroform	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Benzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Trichloroethene (TCE)	2.25	0.0500		µg/L	1	2/19/2021 8:13:57 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Bromodichloromethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Dibromomethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Toluene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	2/19/2021 8:13:57 AM
Chlorobenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Ethylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
m,p-Xylene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
o-Xylene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Styrene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Bromoform	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM

Original



Analytical Report

Work Order: 2102295

Date Reported: 2/23/2021

Client: TRC

Collection Date: 2/18/2021 12:49:00 PM

Project: WA Industries

Lab ID: 2102295-001

Matrix: Air

Client Sample ID: AIR-EFF

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 31415

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Bromobenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/19/2021 8:13:57 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/19/2021 8:13:57 AM
Naphthalene	ND	0.100		µg/L	1	2/19/2021 8:13:57 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/19/2021 8:13:57 AM
Surr: Dibromofluoromethane	99.6	56.4 - 141		%Rec	1	2/19/2021 8:13:57 AM
Surr: Toluene-d8	90.5	66 - 138		%Rec	1	2/19/2021 8:13:57 AM
Surr: 1-Bromo-4-fluorobenzene	103	64.7 - 128		%Rec	1	2/19/2021 8:13:57 AM

NOTES:

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



Analytical Report

Work Order: 2102295

Date Reported: 2/23/2021

Client: TRC

Collection Date: 2/18/2021 12:52:00 PM

Project: WA Industries

Lab ID: 2102295-002

Matrix: Air

Client Sample ID: S2-EFF-021821

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 31415

Analyst: KT

Dichlorodifluoromethane	ND	0.100	Q	µg/L	1	2/19/2021 9:14:00 AM
Chloromethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/19/2021 9:14:00 AM
Bromomethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Chloroethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Methylene chloride	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Chloroform	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Benzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Trichloroethene (TCE)	0.261	0.0500		µg/L	1	2/19/2021 9:14:00 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Bromodichloromethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Dibromomethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Toluene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	2/19/2021 9:14:00 AM
Chlorobenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Ethylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
m,p-Xylene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
o-Xylene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Styrene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Bromoform	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM

Original



Analytical Report

Work Order: 2102295

Date Reported: 2/23/2021

Client: TRC

Collection Date: 2/18/2021 12:52:00 PM

Project: WA Industries

Lab ID: 2102295-002

Matrix: Air

Client Sample ID: S2-EFF-021821

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 31415

Analyst: KT

n-Propylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Bromobenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/19/2021 9:14:00 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/19/2021 9:14:00 AM
Naphthalene	ND	0.100		µg/L	1	2/19/2021 9:14:00 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/19/2021 9:14:00 AM
Surr: Dibromofluoromethane	99.9	56.4 - 141		%Rec	1	2/19/2021 9:14:00 AM
Surr: Toluene-d8	90.6	66 - 138		%Rec	1	2/19/2021 9:14:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	64.7 - 128		%Rec	1	2/19/2021 9:14:00 AM

NOTES:

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

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-31415	SampType: LCS	Units: µg/L			Prep Date: 2/19/2021			RunNo: 65414			
Client ID: LCSW	Batch ID: 31415	Analysis Date: 2/19/2021						SeqNo: 1315739			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.07	0.100	2.000	0	53.7	38.8	143				
Chloromethane	1.61	0.100	2.000	0	80.4	42.5	131				
Vinyl chloride	1.69	0.0200	2.000	0	84.7	56.2	130				
Bromomethane	1.60	0.100	2.000	0	80.2	45.4	138				
Trichlorofluoromethane (CFC-11)	1.80	0.100	2.000	0	89.9	64.7	129				
Chloroethane	1.74	0.100	2.000	0	86.8	62.5	123				
1,1-Dichloroethene	1.79	0.100	2.000	0	89.7	60.7	146				
Methylene chloride	1.88	0.100	2.000	0	93.9	60.3	135				
Acrylonitrile	2.01	0.100	2.000	0	101	70	130				
trans-1,2-Dichloroethene	1.86	0.100	2.000	0	92.9	71.3	129				
Methyl tert-butyl ether (MTBE)	2.55	0.100	2.000	0	128	59.3	138				
1,1-Dichloroethane	1.99	0.100	2.000	0	99.7	71.3	129				
cis-1,2-Dichloroethene	1.91	0.100	2.000	0	95.3	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.3	70.3	123				
1,1,1-Trichloroethane (TCA)	1.99	0.100	2.000	0	99.5	67.9	134				
1,1-Dichloropropene	1.99	0.100	2.000	0	99.3	72.1	133				
Carbon tetrachloride	2.06	0.100	2.000	0	103	64.4	133				
1,2-Dichloroethane (EDC)	2.15	0.100	2.000	0	108	65.8	126				
Benzene	2.31	0.100	2.000	0	115	67.1	132				
Trichloroethene (TCE)	2.12	0.0500	2.000	0	106	71.9	130				
1,2-Dichloropropane	2.04	0.100	2.000	0	102	71.9	131				
Bromodichloromethane	1.94	0.100	2.000	0	96.9	70	130				
Dibromomethane	2.02	0.100	2.000	0	101	74.2	125				
cis-1,3-Dichloropropene	1.99	0.100	2.000	0	99.6	62.8	135				
Toluene	2.09	0.100	2.000	0	105	73.6	127				
trans-1,3-Dichloropropylene	2.10	0.100	2.000	0	105	58.1	138				
1,1,2-Trichloroethane	1.79	0.100	2.000	0	89.5	65.4	128				
1,3-Dichloropropane	1.91	0.100	2.000	0	95.5	71.9	131				
Tetrachloroethene (PCE)	1.66	0.100	2.000	0	83.1	52.4	140				
Dibromochloromethane	1.75	0.100	2.000	0	87.3	68.7	139				

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-31415	SampType: LCS	Units: µg/L				Prep Date: 2/19/2021			RunNo: 65414		
Client ID: LCSW	Batch ID: 31415	Analysis Date: 2/19/2021							SeqNo: 1315739		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	1.81	0.0250	2.000	0	90.7	71.2	129				
Chlorobenzene	1.97	0.100	2.000	0	98.4	77.2	122				
1,1,1,2-Tetrachloroethane	1.95	0.100	2.000	0	97.3	76.2	130				
Ethylbenzene	2.32	0.100	2.000	0	116	78	127				
m,p-Xylene	4.60	0.100	4.000	0	115	77.5	130				
o-Xylene	2.32	0.100	2.000	0	116	77.6	126				
Styrene	1.99	0.100	2.000	0	99.4	66.8	137				
Isopropylbenzene	1.95	0.100	2.000	0	97.6	75.9	133				
Bromoform	2.06	0.100	2.000	0	103	54.1	146				
1,1,2,2-Tetrachloroethane	1.91	0.100	2.000	0	95.4	68	134				
n-Propylbenzene	1.95	0.100	2.000	0	97.6	77.1	133				
Bromobenzene	1.94	0.100	2.000	0	97.0	71.1	131				
1,3,5-Trimethylbenzene	1.96	0.100	2.000	0	98.1	76.2	133				
2-Chlorotoluene	1.99	0.100	2.000	0	99.7	67.1	137				
4-Chlorotoluene	1.99	0.100	2.000	0	99.3	70.7	132				
tert-Butylbenzene	1.95	0.100	2.000	0	97.6	71.3	139				
1,2,3-Trichloropropane	2.16	0.100	2.000	0	108	70.8	132				
1,2,4-Trichlorobenzene	2.06	0.200	2.000	0	103	61.4	139				
sec-Butylbenzene	1.92	0.100	2.000	0	95.8	77.4	136				
4-Isopropyltoluene	1.90	0.100	2.000	0	95.2	78.1	131				
1,3-Dichlorobenzene	1.98	0.100	2.000	0	98.9	73.5	125				
1,4-Dichlorobenzene	1.93	0.100	2.000	0	96.3	71.4	125				
n-Butylbenzene	1.98	0.100	2.000	0	99.1	69.8	138				
1,2-Dichlorobenzene	1.99	0.100	2.000	0	99.6	74.2	123				
1,2-Dibromo-3-chloropropane	2.35	0.100	2.000	0	117	53.6	155				
1,2,4-Trimethylbenzene	1.97	0.100	2.000	0	98.5	72.3	133				
Hexachlorobutadiene	2.06	0.400	2.000	0	103	60.9	141				
Naphthalene	2.28	0.100	2.000	0	114	58.2	140				
1,2,3-Trichlorobenzene	2.10	0.400	2.000	0	105	61.3	133				
Surr: Dibromofluoromethane	2.57		2.500		103	56.4	141				

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-31415		SampType: LCS			Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414		
Client ID: LCSW		Batch ID: 31415			Analysis Date: 2/19/2021			SeqNo: 1315739				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Surr: Toluene-d8	2.36		2.500		94.3	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.79		2.500		112	64.7	128				

Sample ID: MB-31415		SampType: MBLK			Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414		
Client ID: MBLKW		Batch ID: 31415						Analysis Date: 2/19/2021			SeqNo: 1315738	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Dichlorodifluoromethane	ND	0.100									Q
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
Acrylonitrile	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-31415	SampType: MBLK	Units: µg/L			Prep Date: 2/19/2021			RunNo: 65414			
Client ID: MBLKW	Batch ID: 31415	Analysis Date: 2/19/2021						SeqNo: 1315738			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-31415		SampType: MBLK			Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414		
Client ID: MBLKW		Batch ID: 31415						Analysis Date: 2/19/2021			SeqNo: 1315738	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.47		2.500		98.7	56.4	141				
Surr: Toluene-d8	2.26		2.500		90.3	66	138				
Surr: 1-Bromo-4-fluorobenzene	2.56		2.500		102	64.7	128				

NOTES:

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

Sample ID: 2102295-001AREP		SampType: REP			Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414		
Client ID: AIR-EFF		Batch ID: 31415			Analysis Date: 2/19/2021			SeqNo: 1315734				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
Acrylonitrile	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2102295-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414			
Client ID: AIR-EFF		Batch ID: 31415					Analysis Date: 2/19/2021			SeqNo: 1315734		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloropropene	ND	0.100						0		30		
Carbon tetrachloride	ND	0.100						0		30		
1,2-Dichloroethane (EDC)	ND	0.100						0		30		
Benzene	ND	0.100						0		30		
Trichloroethene (TCE)	2.23	0.0500						2.247	0.564	30		
1,2-Dichloropropane	ND	0.100						0		30		
Bromodichloromethane	ND	0.100						0		30		
Dibromomethane	ND	0.100						0		30		
cis-1,3-Dichloropropene	ND	0.100						0		30		
Toluene	ND	0.100						0		30		
trans-1,3-Dichloropropylene	ND	0.100						0		30		
1,1,2-Trichloroethane	ND	0.100						0		30		
1,3-Dichloropropane	ND	0.100						0		30		
Tetrachloroethene (PCE)	ND	0.100						0		30		
Dibromochloromethane	ND	0.100						0		30		
1,2-Dibromoethane (EDB)	ND	0.0250						0		30		
Chlorobenzene	ND	0.100						0		30		
1,1,1,2-Tetrachloroethane	ND	0.100						0		30		
Ethylbenzene	ND	0.100						0		30		
m,p-Xylene	ND	0.100						0		30		
o-Xylene	ND	0.100						0		30		
Styrene	ND	0.100						0		30		
Isopropylbenzene	ND	0.100						0		30		
Bromoform	ND	0.100						0		30		
1,1,2,2-Tetrachloroethane	ND	0.100						0		30		
n-Propylbenzene	ND	0.100						0		30		
Bromobenzene	ND	0.100						0		30		
1,3,5-Trimethylbenzene	ND	0.100						0		30		
2-Chlorotoluene	ND	0.100						0		30		
4-Chlorotoluene	ND	0.100						0		30		

Work Order: 2102295
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2102295-001AREP		SampType: REP		Units: µg/L		Prep Date: 2/19/2021			RunNo: 65414		
Client ID: AIR-EFF		Batch ID: 31415					Analysis Date: 2/19/2021			SeqNo: 1315734	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.51		2.500		100	61.1	128		0		
Surr: Toluene-d8	2.29		2.500		91.8	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	64.7	128		0		

NOTES:

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

Client Name: **TRCI**
 Logged by: **Clare Griggs**

Work Order Number: **2102295**
 Date Received: **2/18/2021 3:37:00 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: 2/18/21

Page: 1 of 1

Project Name: WA Industries

Project No: 015354

Collected by: M. Espinoza

Location: Seattle, WA

Report To (PM): Sean Timble + M. Espinoza

PM Email: STimble@thecompanies.com / MEspinoza@thecompanies.com

Laboratory Project No (Internal): 2102295

Special Remarks:

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

Client: TRC

Address: 1180 NW Harbor St, Suite 310

City, State, Zip: Issaquah, WA

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 (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments

1 AIR-EEF 2/18/21 1249 AIR 1 X

2 S2-EEF-021821 2/18/21 1352 AIR 1 X

3

4

5

6

7

8

9

10

Turn-around Time:

☒ Standard ☐ Next Day

☐ 3 Day ☐ Same Day

☐ 2 Day (specify)

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

Relinquished (Signature)

Print Name

Date/Time

Received (Signature)

Print Name

Date/Time

Relinquished (Signature)

Print Name

Date/Time

Received (Signature)

Print Name

Date/Time



Fremont
Analytical

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

TRC

Sean Trimble
1180 NW Maple St. Ste 310
Issaquah, WA 98074

RE: WA Industries

Work Order Number: 2105350

May 28, 2021

Attention Sean Trimble:

Fremont Analytical, Inc. received 2 sample(s) on 5/24/2021 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:
Mariem Esparra

*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: 05/28/2021

CLIENT: TRC
Project: WA Industries
Work Order: 2105350

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2105350-001	AIR-EFF-0524	05/24/2021 10:20 AM	05/24/2021 11:18 AM
2105350-002	S2-EFF-0524	05/24/2021 9:50 AM	05/24/2021 11:18 AM

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

Original

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: 2105350

Date Reported: 5/28/2021

Client: TRC

Collection Date: 5/24/2021 10:20:00 AM

Project: WA Industries

Lab ID: 2105350-001

Matrix: Air

Client Sample ID: AIR-EFF-0524

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 32419

Analyst: KT

Dichlorodifluoromethane	ND	0.125	Q	µg/L	1	5/25/2021 10:01:26 AM
Chloromethane	ND	0.0750		µg/L	1	5/25/2021 10:01:26 AM
Vinyl chloride	ND	0.0350		µg/L	1	5/25/2021 10:01:26 AM
Bromomethane	ND	0.120		µg/L	1	5/25/2021 10:01:26 AM
Trichlorofluoromethane (CFC-11)	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Chloroethane	ND	0.100		µg/L	1	5/25/2021 10:01:26 AM
1,1-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Acetone	ND	0.600		µg/L	1	5/25/2021 10:01:26 AM
Methylene chloride	ND	0.0750		µg/L	1	5/25/2021 10:01:26 AM
trans-1,2-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Methyl tert-butyl ether (MTBE)	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,1-Dichloroethane	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
(MEK) 2-Butanone	ND	0.150		µg/L	1	5/25/2021 10:01:26 AM
Chloroform	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,1,1-Trichloroethane (TCA)	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
1,1-Dichloropropene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Carbon tetrachloride	ND	0.0750		µg/L	1	5/25/2021 10:01:26 AM
1,2-Dichloroethane (EDC)	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
Benzene	ND	0.0440		µg/L	1	5/25/2021 10:01:26 AM
Trichloroethene (TCE)	2.44	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,2-Dichloropropane	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Bromodichloromethane	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Dibromomethane	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
cis-1,3-Dichloropropene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Toluene	ND	0.0750		µg/L	1	5/25/2021 10:01:26 AM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Methyl Isobutyl Ketone (MIBK)	ND	0.125		µg/L	1	5/25/2021 10:01:26 AM
1,1,2-Trichloroethane	ND	0.0350		µg/L	1	5/25/2021 10:01:26 AM
1,3-Dichloropropane	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Tetrachloroethene (PCE)	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
Dibromochloromethane	ND	0.100		µg/L	1	5/25/2021 10:01:26 AM
1,2-Dibromoethane (EDB)	ND	0.0300		µg/L	1	5/25/2021 10:01:26 AM
2-Hexanone	ND	0.100		µg/L	1	5/25/2021 10:01:26 AM
Chlorobenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	5/25/2021 10:01:26 AM
Ethylbenzene	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
m,p-Xylene	ND	0.100		µg/L	1	5/25/2021 10:01:26 AM
o-Xylene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM

Original



Client: TRC

Collection Date: 5/24/2021 10:20:00 AM

Project: WA Industries

Lab ID: 2105350-001

Matrix: Air

Client Sample ID: AIR-EFF-0524

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 32419

Analyst: KT

Styrene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Isopropylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Bromoform	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,1,2,2-Tetrachloroethane	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
n-Propylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Bromobenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,3,5-Trimethylbenzene	ND	0.0250		µg/L	1	5/25/2021 10:01:26 AM
2-Chlorotoluene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
4-Chlorotoluene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
tert-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	5/25/2021 10:01:26 AM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	5/25/2021 10:01:26 AM
sec-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
4-Isopropyltoluene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
n-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	5/25/2021 10:01:26 AM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Hexachlorobutadiene	ND	0.0500		µg/L	1	5/25/2021 10:01:26 AM
Naphthalene	ND	0.125		µg/L	1	5/25/2021 10:01:26 AM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	5/25/2021 10:01:26 AM
Surr: Dibromofluoromethane	101	80.7 - 121		%Rec	1	5/25/2021 10:01:26 AM
Surr: Toluene-d8	102	84.5 - 116		%Rec	1	5/25/2021 10:01:26 AM
Surr: 1-Bromo-4-fluorobenzene	95.2	86 - 108		%Rec	1	5/25/2021 10:01:26 AM

NOTES:

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



Analytical Report

Work Order: 2105350

Date Reported: 5/28/2021

Client: TRC

Collection Date: 5/24/2021 9:50:00 AM

Project: WA Industries

Lab ID: 2105350-002

Matrix: Air

Client Sample ID: S2-EFF-0524

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 32419

Analyst: KT

Dichlorodifluoromethane	ND	0.125	Q	µg/L	1	5/25/2021 11:01:58 AM
Chloromethane	ND	0.0750		µg/L	1	5/25/2021 11:01:58 AM
Vinyl chloride	ND	0.0350		µg/L	1	5/25/2021 11:01:58 AM
Bromomethane	ND	0.120		µg/L	1	5/25/2021 11:01:58 AM
Trichlorofluoromethane (CFC-11)	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Chloroethane	ND	0.100		µg/L	1	5/25/2021 11:01:58 AM
1,1-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Acetone	ND	0.600		µg/L	1	5/25/2021 11:01:58 AM
Methylene chloride	ND	0.0750		µg/L	1	5/25/2021 11:01:58 AM
trans-1,2-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Methyl tert-butyl ether (MTBE)	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,1-Dichloroethane	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
cis-1,2-Dichloroethene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
(MEK) 2-Butanone	ND	0.150		µg/L	1	5/25/2021 11:01:58 AM
Chloroform	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,1,1-Trichloroethane (TCA)	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
1,1-Dichloropropene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Carbon tetrachloride	ND	0.0750		µg/L	1	5/25/2021 11:01:58 AM
1,2-Dichloroethane (EDC)	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
Benzene	ND	0.0440		µg/L	1	5/25/2021 11:01:58 AM
Trichloroethene (TCE)	0.370	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,2-Dichloropropane	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Bromodichloromethane	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Dibromomethane	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
cis-1,3-Dichloropropene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Toluene	ND	0.0750		µg/L	1	5/25/2021 11:01:58 AM
trans-1,3-Dichloropropylene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Methyl Isobutyl Ketone (MIBK)	ND	0.125		µg/L	1	5/25/2021 11:01:58 AM
1,1,2-Trichloroethane	ND	0.0350		µg/L	1	5/25/2021 11:01:58 AM
1,3-Dichloropropane	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Tetrachloroethene (PCE)	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
Dibromochloromethane	ND	0.100		µg/L	1	5/25/2021 11:01:58 AM
1,2-Dibromoethane (EDB)	ND	0.0300		µg/L	1	5/25/2021 11:01:58 AM
2-Hexanone	ND	0.100		µg/L	1	5/25/2021 11:01:58 AM
Chlorobenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,1,1,2-Tetrachloroethane	ND	0.0300		µg/L	1	5/25/2021 11:01:58 AM
Ethylbenzene	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
m,p-Xylene	ND	0.100		µg/L	1	5/25/2021 11:01:58 AM
o-Xylene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM

Original



Client: TRC

Collection Date: 5/24/2021 9:50:00 AM

Project: WA Industries

Lab ID: 2105350-002

Matrix: Air

Client Sample ID: S2-EFF-0524

Analyses	Result	RL	Qual	Units	DF	Date Analyzed

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 32419

Analyst: KT

Styrene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Isopropylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Bromoform	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,1,2,2-Tetrachloroethane	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
n-Propylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Bromobenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,3,5-Trimethylbenzene	ND	0.0250		µg/L	1	5/25/2021 11:01:58 AM
2-Chlorotoluene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
4-Chlorotoluene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
tert-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,2,3-Trichloropropane	ND	0.0400		µg/L	1	5/25/2021 11:01:58 AM
1,2,4-Trichlorobenzene	ND	0.0750		µg/L	1	5/25/2021 11:01:58 AM
sec-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
4-Isopropyltoluene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,3-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,4-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
n-Butylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,2-Dichlorobenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	5/25/2021 11:01:58 AM
1,2,4-Trimethylbenzene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Hexachlorobutadiene	ND	0.0500		µg/L	1	5/25/2021 11:01:58 AM
Naphthalene	ND	0.125		µg/L	1	5/25/2021 11:01:58 AM
1,2,3-Trichlorobenzene	ND	0.0700		µg/L	1	5/25/2021 11:01:58 AM
Surr: Dibromofluoromethane	101	80.7 - 121		%Rec	1	5/25/2021 11:01:58 AM
Surr: Toluene-d8	102	84.5 - 116		%Rec	1	5/25/2021 11:01:58 AM
Surr: 1-Bromo-4-fluorobenzene	96.0	86 - 108		%Rec	1	5/25/2021 11:01:58 AM

NOTES:

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



Date: 5/28/2021

Work Order: 2105350
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-32419	SampType: LCS	Units: µg/L				Prep Date: 5/25/2021			RunNo: 67550		
Client ID: LCSW	Batch ID: 32419	Analysis Date: 5/25/2021							SeqNo: 1362347		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.20	0.125	2.000	0	60.1	8.46	170				
Chloromethane	2.04	0.0750	2.000	0	102	53	143				
Vinyl chloride	1.94	0.0350	2.000	0	96.8	60.4	132				
Bromomethane	3.05	0.120	2.000	0	153	30.7	171				
Trichlorofluoromethane (CFC-11)	1.82	0.0500	2.000	0	91.0	79.3	123				
Chloroethane	2.09	0.100	2.000	0	104	72.6	125				
1,1-Dichloroethene	2.00	0.0500	2.000	0	100	83	119				
Acetone	4.70	0.600	5.000	0	94.0	64.7	136				
Methylene chloride	2.03	0.0750	2.000	0	102	85.9	115				
trans-1,2-Dichloroethene	2.01	0.0500	2.000	0	100	85.1	117				
Methyl tert-butyl ether (MTBE)	1.92	0.0500	2.000	0	95.8	67.8	134				
1,1-Dichloroethane	1.92	0.0500	2.000	0	95.9	85.7	119				
cis-1,2-Dichloroethene	2.01	0.0500	2.000	0	100	85.6	116				
(MEK) 2-Butanone	4.53	0.150	5.000	0	90.7	66.6	132				
Chloroform	1.98	0.0500	2.000	0	99.0	86.4	116				
1,1,1-Trichloroethane (TCA)	1.98	0.0400	2.000	0	99.1	87.3	115				
1,1-Dichloropropene	2.04	0.0500	2.000	0	102	86.6	117				
Carbon tetrachloride	2.06	0.0750	2.000	0	103	85.5	118				
1,2-Dichloroethane (EDC)	1.84	0.0400	2.000	0	92.2	85.1	118				
Benzene	2.06	0.0440	2.000	0	103	85.9	118				
Trichloroethene (TCE)	1.98	0.0500	2.000	0	99.0	85.9	116				
1,2-Dichloropropane	2.03	0.0500	2.000	0	101	84.9	118				
Bromodichloromethane	2.05	0.0500	2.000	0	102	83	118				
Dibromomethane	1.94	0.0500	2.000	0	96.9	84.6	117				
cis-1,3-Dichloropropene	2.19	0.0500	2.000	0	110	79.4	122				
Toluene	2.01	0.0750	2.000	0	100	83.3	121				
trans-1,3-Dichloropropylene	2.17	0.0500	2.000	0	109	75.6	130				
Methyl Isobutyl Ketone (MIBK)	4.79	0.125	5.000	0	95.8	64.8	137				
1,1,2-Trichloroethane	1.96	0.0350	2.000	0	98.2	84.1	116				
1,3-Dichloropropane	1.95	0.0500	2.000	0	97.4	84	117				



Date: 5/28/2021

Work Order: 2105350
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-32419	SampType: LCS	Units: µg/L			Prep Date: 5/25/2021			RunNo: 67550			
Client ID: LCSW	Batch ID: 32419	Analysis Date: 5/25/2021						SeqNo: 1362347			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	1.94	0.0400	2.000	0	96.9	85.4	118				
Dibromochloromethane	1.98	0.100	2.000	0	98.9	80.6	117				
1,2-Dibromoethane (EDB)	1.89	0.0300	2.000	0	94.4	84.7	115				
2-Hexanone	4.70	0.100	5.000	0	94.0	63.5	136				
Chlorobenzene	1.97	0.0500	2.000	0	98.3	89.7	110				
1,1,1,2-Tetrachloroethane	1.95	0.0300	2.000	0	97.4	86.3	111				
Ethylbenzene	2.01	0.0400	2.000	0	101	84.1	122				
m,p-Xylene	4.02	0.100	4.000	0	101	87.1	116				
o-Xylene	2.00	0.0500	2.000	0	99.8	88.1	112				
Styrene	2.03	0.0500	2.000	0	101	87.9	112				
Isopropylbenzene	2.01	0.0500	2.000	0	101	85.6	118				
Bromoform	2.07	0.0500	2.000	0	103	76.6	122				
1,1,2,2-Tetrachloroethane	1.98	0.0400	2.000	0	99.2	73.7	125				
n-Propylbenzene	2.05	0.0500	2.000	0	103	82.5	124				
Bromobenzene	1.94	0.0500	2.000	0	97.2	88.7	109				
1,3,5-Trimethylbenzene	1.99	0.0250	2.000	0	99.6	86.3	116				
2-Chlorotoluene	2.03	0.0500	2.000	0	101	87.5	115				
4-Chlorotoluene	2.02	0.0500	2.000	0	101	87	115				
tert-Butylbenzene	1.99	0.0500	2.000	0	99.5	86.3	116				
1,2,3-Trichloropropane	1.96	0.0400	2.000	0	98.2	73.1	124				
1,2,4-Trichlorobenzene	1.97	0.0750	2.000	0	98.4	77.8	124				
sec-Butylbenzene	2.01	0.0500	2.000	0	100	82.7	123				
4-Isopropyltoluene	1.96	0.0500	2.000	0	98.2	87.1	118				
1,3-Dichlorobenzene	2.03	0.0500	2.000	0	102	91.6	113				
1,4-Dichlorobenzene	1.99	0.0500	2.000	0	99.7	91.9	113				
n-Butylbenzene	2.09	0.0500	2.000	0	105	89.5	122				
1,2-Dichlorobenzene	1.96	0.0500	2.000	0	98.1	91.3	113				
1,2-Dibromo-3-chloropropane	1.90	0.100	2.000	0	94.9	66.6	132				
1,2,4-Trimethylbenzene	2.00	0.0500	2.000	0	100	89.9	117				
Hexachlorobutadiene	2.18	0.0500	2.000	0	109	84.5	125				



Date: 5/28/2021

Work Order: 2105350
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: LCS-32419	SampType: LCS	Units: µg/L				Prep Date: 5/25/2021			RunNo: 67550		
Client ID: LCSW	Batch ID: 32419					Analysis Date: 5/25/2021			SeqNo: 1362347		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.07	0.125	2.000	0	103	62.4	139				
1,2,3-Trichlorobenzene	1.87	0.0700	2.000	0	93.4	75.1	125				
Surr: Dibromofluoromethane	2.54		2.500		102	80.7	121				
Surr: Toluene-d8	2.56		2.500		102	84.5	116				
Surr: 1-Bromo-4-fluorobenzene	2.71		2.500		108	86	108				S

NOTES:

S - Outlying surrogate recovery(ies) observed. All other laboratory and field samples recovered within range.

Sample ID: MB-32419	SampType: MBLK	Units: µg/L			Prep Date: 5/25/2021			RunNo: 67550			
Client ID: MBLKW	Batch ID: 32419				Analysis Date: 5/25/2021			SeqNo: 1362346			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.125									Q
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									



Date: 5/28/2021

Work Order: 2105350
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-32419	SampType: MBLK	Units: µg/L			Prep Date: 5/25/2021			RunNo: 67550			
Client ID: MBLKW	Batch ID: 32419	Analysis Date: 5/25/2021						SeqNo: 1362346			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0440									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.0500									
Bromodichloromethane	ND	0.0500									
Dibromomethane	ND	0.0500									
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									
1,1,2,2-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									



Date: 5/28/2021

Work Order: 2105350
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: MB-32419	SampType: MBLK	Units: µg/L			Prep Date: 5/25/2021			RunNo: 67550			
Client ID: MBLKW	Batch ID: 32419				Analysis Date: 5/25/2021			SeqNo: 1362346			
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	2.52		2.500		101	80.7	121				
Surr: Toluene-d8	2.56		2.500		102	84.5	116				
Surr: 1-Bromo-4-fluorobenzene	2.39		2.500		95.8	86	108				

NOTES:

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

Sample ID: 2105350-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/25/2021			RunNo: 67550			
Client ID: AIR-EFF-0524		Batch ID: 32419					Analysis Date: 5/25/2021			SeqNo: 1362337		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Dichlorodifluoromethane	ND	0.125						0		30	Q	
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		



Date: 5/28/2021

Work Order: 2105350
CLIENT: TRC
Project: WA Industries

QC SUMMARY REPORT
Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2105350-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/25/2021			RunNo: 67550		
Client ID: AIR-EFF-0524		Batch ID: 32419					Analysis Date: 5/25/2021			SeqNo: 1362337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	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	0.0400						0		30	
1,1-Dichloropropene	ND	0.0500						0		30	
Carbon tetrachloride	ND	0.0750						0		30	
1,2-Dichloroethane (EDC)	ND	0.0400						0		30	
Benzene	ND	0.0440						0		30	
Trichloroethene (TCE)	2.35	0.0500						2.437	3.55	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)	ND	0.0400						0		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	



Date: 5/28/2021

Work Order: 2105350
 CLIENT: TRC
 Project: WA Industries

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: 2105350-001AREP		SampType: REP		Units: µg/L		Prep Date: 5/25/2021			RunNo: 67550		
Client ID: AIR-EFF-0524		Batch ID: 32419					Analysis Date: 5/25/2021			SeqNo: 1362337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	
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	2.52		2.500		101	80.7	121		0		
Surr: Toluene-d8	2.54		2.500		102	84.5	116		0		
Surr: 1-Bromo-4-fluorobenzene	2.38		2.500		95.2	86	108		0		

NOTES:

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

Client Name: **TRCI**

Work Order Number: **2105350**

Logged by: **Carissa True**

Date Received: **5/24/2021 11:18:00 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 ☐
- 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



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

Chain of Custody Record & Laboratory Services Agreement

Date: 5/24/21 Page: 1 of 1

Project Name: W/A Industries

Project No: 015354

Collected by: M. Espars / A. York

Location: Seattle, WA

Report To (PM): Sean Trimble & M. Espars

PM Email: Strimble@trccompany.com / Mespars@trccompany.com

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

Laboratory Project No (Internal): 2405350

Special Remarks:

Comments

Client: TRC

Address: 1180 NW Maple St, Ste 310

City, State, Zip: Issaquah, WA

Telephone: 425-395-0010

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*
1 AIR-EFF-0524	5/24/21	1020	Air
2 SA-EFF-0524	5/24/21	0950	Air
3			
4			
5			
6			
7			
8			
9			
10			

# 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)***	EDs (8011)
1	X											
2	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 RCR-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) Austin York Date/Time 5-24-21 1115

Relinquished (Signature) Austin York Date/Time 5-24-21 1115

Relinquished (Signature) Austin York Date/Time 5-24-21 1115