1180 NW Maple St., Suite 310
Issaquah, WA 98027
T 425.395.0010
TRCcompanies.com

March 24, 2023

Ms. Jing Song, LG, LHG
Washington State Department of Ecology
Voluntary Cleanup Program
15700 Dayton Ave N.
Shoreline, Washington 98133

Re: Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street
Seattle, Washington 98108
Facility Site ID 2231
Cleanup Site ID 1361
VCP Site ID NW2769

TRC Project Number: 015354.0010

Dear Ms. Song:

TRC Environmental Corporation (TRC)[1] is pleased to submit this Response to Comments letter addressing the comments contained in the Washington State Department of Ecology's (Ecology's) letter titled *Opinion Pursuant to WAC 173-340-515(5) on Remedial Action for the Northwest Plating Site*, dated August 26, 2020 (Ecology Opinion). The Northwest Plating Site (Site) is located at 812 and 820 South Adams Street and 825 South Dakota Street in Seattle, Washington, and is currently enrolled in the Voluntary Cleanup Program (VCP) as Site No. NW2769. The Site is also designated as Facility ID 2231 and Cleanup Site ID 1361.

The Ecology Opinion was provided in response to the *Focused Feasibility Study and Cleanup Action Plan* (FFS/CAP), dated December 19, 2019. The Site comprises two properties. The Former Northwest Plating operations were located at 825 South Dakota Street. The south-adjacent property is referred to as the Perine Property and is located at 812 and 820 South Adams Street. A portion of the Perine Property was impacted by the historical operations on the Former Northwest Plating operations. The Site is indicated on Figure 1.

[1] Prior work at the Site has been performed by Environmental Partners, Inc. (EPI). EPI was acquired by TRC Environmental Corporation (TRC) on December 27, 2019. For the purposes of this document, EPI and TRC may be used synonymously.

The FFS/CAP was prepared on behalf of the Washington Industries Environmental Remediation Trust (WIERT), which is the entity implementing the ongoing investigation and remediation of the Site. The FFS/CAP was specific to the Perine Property and sought a property-specific No Further Action (NFA) determination for the Perine Property portion of the Site.

BACKGROUND

A *Remedial Investigation Report* for the Site dated June 28, 2016 (RI Report) was submitted to Ecology as a component of enrolling the Site into the VCP. The Ecology Site Manager at that time was Ms. Heather Vick. As documented in the RI Report, historical releases on the Former Northwest Plating Property resulted in impacts to soil, soil gas, groundwater, and indoor air on the Perine Property. A limited amount of soil on the Perine Property was impacted with trichloroethene (TCE) at concentrations exceeding the applicable cleanup level.

Interim Remedial Actions (IRAs) were implemented on the Former Northwest Plating Property located at 825 South Dakota Street by EPI in 2016 and 2017. Those IRAs are currently ongoing. The IRAs utilize a combination of soil vapor extraction (SVE) and enhanced reductive dechlorination (ERD) technologies to reduce contaminant mass in soil and groundwater and mitigate vapor intrusion (VI) risks at the Site, including the Perine Property. The Site, including the Perine Property, has been undergoing quarterly groundwater monitoring since 2015. The IRAs and quarterly groundwater monitoring are documented in numerous reports that have been submitted to Ecology under the VCP. The results of groundwater monitoring and the IRA remediation technologies will continue to be reported to Ecology on a routine basis until an NFA determination for the Site has been achieved.

TRC requested an Ecology review and opinion of the FFS/CAP. The FFS/CAP concluded that no further remedial actions were necessary on the Perine Property to address impacts that had resulted from the historical Former Northwest Plating operations. The Ecology Opinion provided comments and requested additional information. This Response to Comments letter is intended to provide requested information and to provide additional pertinent information addressing Ecology's comments. The current owner of the Perine Property and its representatives have reviewed this letter and concur with the statements contained herein.

GENERAL RESPONSE

For the purposes of clarity and context, the responses below are presented in the same order as Ecology's original comments and contain a verbatim restatement of Ecology's original comments on the FFS/CAP in *italics*. TRC's responses follow each comment.

1. *Ecology's opinion letter dated June 18, 2018 contained comments on the Remedial Investigation (RI) that have not been addressed or incorporated in the FFS/CAP. The comments below do not repeat or identify Ecology's previous comments that were not addressed however in some cases, a previous comment from the June 18, 2018 opinion letter may be referenced. In addition, new comments pertaining to the RI and the FFS/CAP are provided herein. It is important to resolve and incorporate all of Ecology's previous comments in future work on this Site.*

TRC understands and agrees. Additional groundwater monitoring and IRAs are ongoing and planned on the Former Northwest Plating Property. Those efforts will continue to be documented and shared with Ecology under the VCP.

2. *A 2011 Phase II Environmental Site Assessment conducted on the Perine parcel included 3 soil borings (P01 through P03) to assess soil and ground water quality adjacent to a 1,000 gasoline underground storage tank (UST) that was closed in place at the time in the northeast corner of the Perine parcel. Soil samples collected from the borings contained no detectable petroleum hydrocarbons or BTEX. However, ground water samples collected from the 3 borings were only analyzed for BTEX not TPH-G. This decision was based on field screening and the fact that the UST was not in contact with the water table at the time of the investigation. Therefore, ground water in the northeast corner of the Perine parcel remains uncharacterized for TPH-G.*

TRC performed additional groundwater characterization in the vicinity of the former gasoline UST. During the November 2020 groundwater monitoring event, groundwater samples were collected from monitoring wells MW-4, MW-05s, MW-07, and MW-29s. The samples were submitted for analysis of gasoline-range organics (GRO) by Northwest Total Petroleum Hydrocarbons as Gasoline Extended (NWTPH-Gx) method. GRO was not reported in any of the samples submitted for analysis. The former gasoline UST and well locations are depicted on Figure 2. The laboratory analytical report for these samples is included as Attachment A.

Based on these additional findings it is appropriate to conclude that there are no impacts to groundwater associated with the former 1,000-gallon gasoline UST.

3. *An area of TCE impacts to shallow soil on the Perine parcel is not contiguous with TCE detected on the Northwest Plating parcel. Ecology agrees that the distribution of TCE on the Perine parcel appears to indicate a separate release than the Northwest Plating operation. However, TCE detected in soil on the Perine parcel is most likely not related to a former machine shop as concluded in the RI and repeated in the FFS/CAP. A 1967 Sanborn fire insurance map in the 2011 Phase I Environmental Site Assessment indicates that a former machine shop was located in the southwest corner of the parcel and not near any of the TCE detections in soil in the northern portion of the parcel. The southwest corner of the parcel where the former machine shop was located has not been characterized. The historical and current use of chlorinated solvents including TCE for fastener manufacturing by the John Perine and Perine Danforth Companies on the parcel needs to be researched and documented.*

TRC performed a desktop review of the historical and current use of chlorinated solvents, including TCE, for fastener manufacturing by the John Perine and Perine Danforth Companies on the parcel. This research is documented in the technical memorandum (TM) included in Attachment B.

The findings and conclusions of the historical desktop review as they relate to Ecology's request are presented below. Two buildings are located on the Perine Property – 812 South Adams and 820 South Adams.

812 South Adams

- The historical property records for the 812 South Adams building are included as Attachment B to the TM. The records document the building was constructed in 1922 and was occupied by Brown Engineering from 1957 to 1974. A photograph of the building is included in the records. Building records include a layout of the Winery facility.

- The 1948 Sanborn fire insurance map depicted the building as *Winery* including 12 2,500-gallon wood tanks, four 2,500-gallon oak tanks, and fermentation vats. Additional notations indicate concrete floor with wood post construction.

- As shown in the 1967 Sanborn fire insurance map, the south portion of the building located at 812 South Adams is labeled *Mach Shop*. This note is presumed to be short for "machine shop." Additional notations indicated *concrete floor*. No further information regarding the possible uses of, or activities in, the machine shop were identified.

- As part of the remedial investigation, shallow and intermediate monitoring wells MW-22s and MW-22i were installed immediately downgradient from the area labeled *Mach Shop* in the 1967 Sanborn fire insurance map. Halogenated volatile organic compounds (HVOCs), including tetrachloroethene (PCE), TCE, and vinyl chloride, have never been detected in groundwater samples analyzed from these monitoring wells. In addition, HVOCs were not detected in a reconnaissance groundwater sample collected from boring P06 located immediately south of the area labeled *Mach Shop.* Based on this, no releases of hazardous substances have been identified proximate to the machine shop in the southwest portion of the Perine Property and the machine shop is not a source of HVOCs. No additional characterization is warranted.

- Perine Danforth never operated in the 812 South Adams building. They only operated in the 820 South Adams building.

- The area impacted with TCE in the northwest corner of the property was in the 812 South Adams building and not associated with the Perine Danforth operations.

- Additional investigation in the northwest corner of the parcel demonstrates that TCE impacts are localized and shallow. As demonstrated by groundwater monitoring results, the current capping of this area with a building and concrete floor is highly effective and TCE in soil is not leaching to groundwater. The current structure will continue to serve as a cap for the foreseeable future.

820 South Adams

- The historical property records for the 820 South Adams building are included as Attachment B to the TM. The records document the building was constructed in 1957 and was occupied by Perine Danforth beginning in 1961. A photograph of the building is included in the records.

- It is TRC's understanding that Perine Danforth did not manufacture fasteners on site.

- Remedial investigation results demonstrate that HVOC impacts have migrated beneath the Perine Property, including the 820 South Adams building, from historical Former Northwest Plating operations. There are no apparent sources of HVOCs from former Perine Danforth operations.

4. *The RI and FFS/CAP state that the occurrence of TCE in ground water on the Perine parcel is due to degradation of PCE from the Northwest Plating parcel. The distribution of PCE in soil and ground water on the Perine parcel is restricted to the northern edge of the Perine parcel so is likely attributable to PCE on the Northwest Plating parcel. However, the distribution of TCE in soil and ground water on the Perine parcel are both larger in area and extend further south than the PCE and so are both likely related to the same TCE source which may or may not be attributable to the Northwest Plating parcel.*

TRC agrees with this assessment.

5. *Whatever the source(s) of PCE and TCE in soil on the Perine parcel, both contaminants remain in soil at unknown levels. The FFS/CAP states (first bullet; page 4) that SVE and ERD conducted on the Northwest Plating parcel have 'effectively decreased contaminant concentrations in soil' on the Perine parcel however no confirmation soil borings have been conducted to substantiate that conclusion. Soil boring data is needed to confirm reductions in concentrations in soil to below cleanup levels.*

In March 2022, TRC oversaw the completion of six soil borings on the Perine Property at locations where PCE and TCE concentrations exceeded applicable cleanup levels (CULs) as documented in the RI Report. The new borings were located in accessible areas adjacent to prior borings B-36, B-42, and B-44, which were advanced in 2014. The new borings were located within 5 feet of these historical borings as indicated on Figure 2.

Historically, TCE was observed in B-36 at depths between 12 and 13 feet below ground surface (bgs). TCE concentrations ranged from 0.330 milligrams per kilogram (mg/kg) to 0.470 mg/kg. Soil boring B-76 was advanced near B-36 to a depth of 13 feet bgs with samples collected at 10, 12, and 13 feet bgs. None of the newer soil samples exhibited TCE concentrations exceeding the corresponding Model Toxics Control Act (MTCA) CUL value of 0.05 mg/kg.

Historically, TCE was observed in B-42 at a depth of 4 feet bgs. The TCE concentration was 2.8 mg/kg. Soil borings B-71 and B-72 were advanced near B-42 to a depth of 5 feet with samples collected at depths of 3, 4, and 5 feet bgs. None of the newer soil samples exhibited TCE concentrations exceeding the TCE CUL of 0.05 mg/kg.

Historically, TCE was observed in B-44 at a depth of 11.5 feet bgs. The TCE concentration was 5.0 mg/kg. Soil borings B-73, B-74, and B-75 were advanced near B-44 to a depth of 13 feet bgs with samples collected at 10, 11.5, and 13 feet bgs. None of the newer soil samples exhibited TCE concentrations exceeding the TCE CUL of 0.05 mg/kg.

The soil borings were advanced using a direct-push technology (DPT) drill rig. Soil samples were recovered using standard DPT sampling techniques. Soil samples were collected using U.S. Environmental Protection Agency (EPA) Method 5035A protocols to limit the potential loss of volatile constituents during sample handling. A total of 15 soil samples were submitted for analysis of HVOCs using EPA Method 8260C under standard laboratory turnaround times.

None of the 18 confirmation soil samples collected from the six newer soil borings contained a TCE concentration exceeding the CUL of 0.05 mg/kg. These findings provide an empirical demonstration that soil in this area is in compliance with MTCA CULs and indicate that the prior remedial actions have been effective. Table 1 summarizes the detected volatile organic compounds (VOCs) in soil. The laboratory analytical report for these samples is included in Attachment A.

TRC continues to perform quarterly groundwater monitoring of 11 wells located on the Perine Property. No groundwater samples collected from the Perine Property have exceeded a CUL since February 2017 (17 quarters). These data demonstrate that SVE and ERD have decreased TCE to concentrations less than the CULs in soil and groundwater on the Perine Property. As such, the Perine Property is in compliance with the requirements of MTCA and should qualify for an NFA determination.

Table 2 summarizes the detected VOCs in groundwater. Final laboratory analytical reports for the 2021–2022 monitoring period are included in Attachment A.

6. *The fourth full paragraph on page 5 of the FFS/CAP mentions 'remediating ground water on the Perine Property' which is misleading as no ground water remediation was performed on the Perine parcel. No calculations of the radius of influence of the SVE system on the Northwest Plating parcel were provided. Lower concentrations of TCE in ground water on the cross-gradient Perine parcel may also be due to advection and natural attenuation.*

It is TRC's opinion that the IRAs performed on the Former Northwest Plating property, including ERD injections and treatment of soil impacts using SVE, have had a beneficial effect on soil and groundwater quality on the Perine Property.

The effective radius of influence (ROI) of the SVE system has clearly been able to address impacts to soil on the Perine Property as demonstrated by the confirmational soil sample results discussed above. Additionally, and also as noted above, the remedial actions for groundwater have been similarly beneficial. No groundwater samples on the Perine Property have exceeded a CUL since February 2017, which clearly demonstrates compliance with MTCA for that property. These results serve as an empirical demonstration that the prior impacts to the Perine Property have been remedied.

7. *Similarly, in the same paragraph, the notion that SVE conducted on the Northwest Plating parcel 'fully mitigated the VI exposure pathway on the Perine property' without soil confirmation data is not valid.*

In 2012, a positive-pressure heating, ventilation, and air conditioning (HVAC) system was installed in each building on the Perine Property to prevent HVOCs in the soil and groundwater from migrating into the buildings. The positive-pressure HVAC systems operate 24 hours a day, 7 days a week. This

engineered control eliminates the indoor air pathway at the Perine Property. Furthermore, recent indoor air sampling results demonstrate that concentrations of HVOCs are less than the MTCA indoor air screening levels for a commercial worker. Please see the response to Comment No. 9 below for additional details.

In addition, confirmation soil samples collected by TRC demonstrate that soil on the Perine Property has been remediated. The timing of that remediation strongly correlates to the operation of the SVE system. Regardless of the ultimate cause, the data clearly demonstrate that soil conditions in the area of interest comply with CULs. Please see the response to Comment No. 5 above.

8. *The Site is covered with a building and pavement and ground water levels are for the most part below the depths of contamination encountered in soil. An empirical demonstration for concluding that there is no soil contamination above cleanup levels remaining is not feasible as the leaching pathway is incomplete or very limited.*

See responses provided above. The soil confirmation sampling results, along with the recent groundwater monitoring data demonstrate that soil impacts on the Perine Property have been remediated and are in compliance with applicable CULs, which are considered protective of the soil-to-groundwater pathway.

9. *Soil gas and indoor air on the Perine parcel should be sampled again to obtain current data and determine the current potential for residual vapor intrusion into the building following the SVE and ERD remediation on the Northwest Plating parcel to the north.*

TRC evaluated soil gas in several areas beneath the Perine Property building. Soil gas samples were collected from existing vapor ports VS-4 and VS-5, and via a newly constructed vapor port VS-9 as shown on Figure 2.

The soil gas samples were collected through sampling ports installed through the building floor slab. TRC arranged for a private utility locator to clear the new sample location (VS-9) prior to advancing the boring.

The sampling probe locations were installed using a 5/8-inch diameter drill bit and roto-hammer to core through the surface cover and into the underlying soils. The probe locations were installed through the slab and advanced approximately 2 to 3 inches into the soil. A 3/8-inch vapor pin kit was installed in the borehole, and a length of silicone tubing fitted with a stainless-steel inlet screen was installed into the hole and secured with an expandable clay material to create a tight seal around the penetration. A leak test was performed prior to sampling to ensure an adequate seal.

All sub-slab soil gas samples were collected on the same day under similar barometric conditions. Prior to sample collection, sample locations were adequately purged to ensure that representative soil vapor conditions were sampled. A small compressor was attached to the sampling port with flexible tubing to purge the soil vapor at a rate no greater than 0.2 liter per minute. An in-line oxygen sensor was used to determine when oxygen levels had stabilized; indicating that a sufficient volume of soil vapor had been purged prior to sample collection.

Soil gas samples were collected by connecting flexible tubing to the sampling port with a flow-controlled inlet valve connected to a 6-liter Summa Canister with a starting vacuum of about 25 inches of mercury. Soil gas samples were drawn over a 30-minute interval. The vacuum and flow rates and the final canister vacuum were recorded in the field notes.

After sample collection was complete, the canisters were properly labeled and transported under standard chain-of-custody procedures to the analytical laboratory Friedman & Bruya, Inc. The soil gas samples were analyzed by EPA Method TO-15 under standard laboratory turnaround time. The analytical results are presented in Table 3. The final laboratory analytical report is included in Attachment A. TCE was the only Site constituent of concern (COC) identified in the soil gas samples. The reported TCE concentrations ranging from 77 micrograms per cubic meter (µg/m^3) in the sample collected from location VS-9 to 200 µg/m^3 in the sample collected from location VS-5.

On behalf of the Perine Property owner, Farallon Consulting has further evaluated indoor air and sub-slab soil gas quality in response to the prior sub-slab soil gas concentrations and to address Ecology's comment. Prior to sample collection, the positive pressure HVAC systems operating at the Perine Property were shut down for approximately 48 hours. Indoor air samples were collected from three locations, ambient air from one location, and sub-slab soil gas from two locations as shown in Attachment C. Samples were analyzed by EPA Method TO-15 under standard laboratory turnaround time.

Neither PCE, TCE, nor other HVOCs were detected at a concentration exceeding the current MTCA indoor air screening levels for a commercial worker as provided in the most recent version of Cleanup Levels and Risk Calculations (CLARC). PCE was not detected at concentrations exceeding the laboratory detection limit. TCE was detected in one indoor air sample at a concentration of 0.20 µg/m^3 relative to the screening level of 2.85 µg/m^3.

The laboratory analytical report for these samples is included in Attachment A. These data clearly demonstrate that current indoor air quality is fully protective of the reasonable maximum exposure of a commercial worker at the Perine Property.

Sub slab soil gas concentrations have also significantly decreased since SVE/ERD treatment was implemented on the Washington Industries Property. It is again important to note that the ROI of the SVE system invariably has a beneficial effect on conditions on the Perine Property. Additionally, a vapor intrusion mitigation system consisting of positive-pressure HVAC systems was installed in the Perine Property in 2012, which provides an added measure of protection and eliminates the indoor air pathway.

It is acceptable to the Perine Property owner that any property-specific NFA determination can contain an Environmental Covenant that includes a provision requiring the continued use, operation, and maintenance of that vapor intrusion mitigation system until sufficient data have been collected to demonstrate that the positive-pressure system is no longer required and, pending Ecology approval, can be shut down.

10. *The FFS/CAP needs to also address any other contaminants of concern that have been detected above cleanup levels on the Perine parcel.*

Upon receipt of Ecology's comments, TRC participated in a telephone discussion with the prior Ecology Site Manager, Ms. Heather Vick, seeking clarity on the "*other contaminants of concern,*". Ms. Vick indicated that groundwater at the Site should be evaluated for cyanide, cadmium, nickel, and zinc. TRC performed additional sampling and analysis of cyanide, cadmium, nickel, and zinc during the November 2020 groundwater monitoring event. Groundwater samples collected from three monitoring wells (MW-1s, MW-16, and MW-18) were submitted for analysis of total cyanide, free cyanide, cadmium, nickel, and zinc. Groundwater samples collected from two additional monitoring wells (MW-2 and MW-3) were submitted for analysis of total cyanide, free cyanide, and cadmium.

Free cyanide was not reported in any of the five groundwater samples at concentrations exceeding the laboratory sample quantitation limit of 5 micrograms per liter (µg/L). The current MTCA Method B groundwater CUL for cyanide is 5 µg/L. The guidance within CLARC (July 2022; Notes – Chemical Specific tab) indicate that:

> *"…the cleanup levels calculated with the MTCA Equations, are based on free cyanide, meaning that results from analyses for free cyanide are acceptable for samples. A total cyanide measurement is also acceptable, but the measured concentration for total cyanide in a sample bay be higher than the concentration quantified with free cyanide analysis, potentially leading to unnecessary cleanup."*

Cadmium was reported in two of the five groundwater samples at concentrations of 2.0 µg/L from monitoring well MW-2 and 8.6 µg/L from monitoring well MW-16. Neither of the reported cadmium concentrations exceed the CUL established for the Site.

Nickel was reported in two of the three groundwater samples at concentrations of 5.3 µg/L from monitoring well MW-16 and 13 µg/L from monitoring well MW-1. Neither of the reported nickel concentrations exceed the CUL established for the Site.

Zinc was reported in two of the three groundwater samples at concentrations of 79 µg/L from monitoring well MW-16 and 1,400 µg/L from monitoring well MW-1. Neither of the reported zinc concentrations exceed the CUL established for the Site.

Table 4 summarizes the groundwater analytical results for metals and cyanide in groundwater. The laboratory analytical report for these samples is included in Attachment A.

11. *The Site does not qualify for an exclusion from conducting a terrestrial ecological evaluation (TEE) based on surface cover by asphalt, concrete and buildings unless an institutional control is required by Ecology and that has not yet been determined. If the lack of surrounding contiguous undeveloped land exclusion is to be used, please provide a current aerial photograph showing a 500-foot boundary around the Site with the total area of any contiguous undeveloped land within the boundary calculated. See also the comment on Section 5.0; 11th bullet on page 6 of the June 18, 2018 opinion letter.*

A Simplified TEE was performed using the procedures set forth in Table 749-1. While there is a 2.66-acre tract of contiguous undeveloped land within 500 feet of the Site, the tract is located across Interstate 5 (I-5) on its eastern boundary, with no potential for wildlife to cross I-5 in this location. As can be noted on Figure 1, the Site is located within the south downtown area of Seattle in a highly developed, paved, urbanized, and demised area. Given the location of the Site and the surrounding environment, common sense dictates that the current and future land use makes terrestrial exposures at the Site from surrounding properties extremely unlikely.

The completed TEE Form, Simplified TEE Form, and current aerial photograph showing a 500-foot boundary around the Perine Property is included in Attachment D.

12. *Section 1.5, Conceptual Site Model states (page 7) that the Perine property is hydraulically upgradient of the Northwest Plating property and thus not impacted. However, that conclusion is not evidenced in ground water elevation contour maps included in the most recent (2018-2019) ground water monitoring report. The ground water contour maps indicate that in both water-bearing zones, the Perine property is cross-gradient to the Northwest Plating property except in the northwest corner of the parcel, where it is most likely downgradient.*

Bulk groundwater migration at the Site has consistently been to the northwest with, as Ecology notes, localized perturbations and variability. In any case, no COCs have been identified in groundwater samples collected from the Perine Property during the ongoing quarterly groundwater monitoring activities since February 2017. Regardless of the interpretation of hydrogeologic data, the empirical analytical data indicate conclusively that groundwater quality on the Perine Property complies with applicable CULs.

13. *As stated in an opinion letter dated June 18, 2018, Ecology agreed that the Site meets the MTCA definition of an industrial property (WAC 173-340-200). The letter also stated that the use of Method C cleanup levels on the Site would require that an Environmental Covenant be placed on the Property. If the Site extends onto other properties, the owners of such properties would need to agree that covenants be placed on their properties. The letter states that Remediation Levels are not typically used for VCP sites and their use at this Site would likely require public comment which is not done for sites in the VCP.*

Remaining COC concentration in media located on the Perine Property meet established CULs without requiring the use of Remediation Levels. If Method C CULs are used, TRC understands that an Environmental Covenant will be required. The owner of the Perine Property is prepared to record an Environmental Covenant.

14. *The FFS/CAP features institutional controls as a separate cleanup alternative (Alternative 3) which was then selected as the recommended remedial alternative. As per WAC 173-340-360 (2)(E)(iii), cleanup actions should not rely primarily on institutional controls and monitoring where it is technically feasible to implement a more permanent cleanup action for all or a portion of the site. Further, as per WAC 173-340-440(1), institutional controls are measures undertaken to limit or prohibit activities that may interfere with the integrity of an interim action or cleanup action or*

that may result in exposure to hazardous substances at a site. Please remove consideration of institutional controls as a remedial alternative for the Perine parcel.

It must be noted that remedial actions other than the sole use of institutional controls have been implemented at the Site. Remediation of the Perine Property has largely been accomplished via ERD treatment of groundwater and SVE treatment of soil and groundwater. As noted in the Response to Comment 13, soil and groundwater on the Perine Property comply with established CULs.

With the submission of this Response to Comments letter, TRC respectfully requests a property-specific NFA determination for the Perine Property. WIERT fully acknowledges that additional actions are necessary on the Former Northwest Plating Property. Those actions are underway and additional actions are currently under evaluation.

We sincerely appreciate Ecology's attention to this matter. Please let us know if you have any questions or comments.

Sincerely,

Mariem Esparra

Prepared by:
Mariem Esparra
Project Engineer

State of Washington
1146
Licensed Geologist
THOMAS C. MORIN

Reviewed and Approved by:
Thomas C. Morin, L.G.
Vice President / Principal Geologist

ENCLOSURES

Tables

Table 1	Detected Volatile Organic Compounds in Soil
Table 2	Detected Volatile Organic Compounds in Groundwater
Table 3	Soil Gas Analytical Results
Table 4	Groundwater Analytical Results for Metals and Cyanide

Figures

Figure 1	General Vicinity Map
Figure 2	Sample Locations

Attachments

Attachment A	Laboratory Analytical Reports
Attachment B	Perine Property Summary of Historical Desktop Review
Attachment C	Site Plan with Indoor Air Sample Locations
Attachment D	Terrestrial Ecological Evaluation Form

Tables

Table 1
Detected Volatile Organic Compounds in Soil
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Sample Depth (Feet)	Date Collected	Select 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
P04	8	3/17/2011	**0.340**	**9.10**	<0.046	**0.067**	<0.010	<0.010
P05	3	3/17/2011	<0.025	<0.03	<0.073	<0.05	<0.010	<0.010
P07	9	3/17/2011	<0.025	**0.10**	<0.055	<0.05	<0.010	<0.010
P-08	0.5	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	5/16/2016	<0.010	**0.036**	<0.010	<0.010	<0.010	<0.010
	8	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
P-09	0.5	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	5/16/2016	<0.010	**4.4**	<0.010	<0.010	<0.010	<0.010
	8	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
P-10	0.5	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4.5	5/16/2016	<0.010	**0.044**	<0.010	<0.010	<0.010	<0.010
	8	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
P-11	0.5	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4.5	5/16/2016	<0.010	**2.5**	<0.010	<0.010	<0.010	<0.010
	8	5/16/2016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-32	0.5	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	3	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	6	7/24/2014	<0.01	**0.029**	<0.01	<0.01	<0.01	<0.01
	9	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	12	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	15	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	18	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-33	0.5	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	5	7/24/2014	<0.01	**0.016**	<0.01	<0.01	<0.01	<0.01
	12	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-34	0.5	7/24/2014	<0.01	**0.010**	<0.01	<0.01	<0.01	<0.01
	5	7/24/2014	<0.01	**0.043**	<0.01	<0.01	<0.01	<0.01
	12	7/24/2014	<0.01	**0.015**	<0.01	<0.01	<0.01	<0.01
	13	7/24/2014	<0.01	**0.011**	<0.01	<0.01	<0.01	<0.01
	16	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	18	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-35	0.5	7/24/2014	<0.01	**0.018**	<0.01	<0.01	<0.01	<0.01
	5	7/24/2014	<0.01	**0.041**	<0.01	<0.01	<0.01	<0.01
	12	7/24/2014	<0.01	**0.027**	<0.01	<0.01	<0.01	<0.01
B-36	0.5	7/24/2014	<0.01	**0.029**	<0.01	<0.01	<0.01	<0.01
	5	7/24/2014	<0.01	**0.038**	<0.01	<0.01	<0.01	<0.01
	12	7/24/2014	**0.013**	**0.330**	<0.01	**0.015**	<0.01	<0.01
	13	7/24/2014	**0.013**	**0.470**	<0.01	**0.019**	<0.01	<0.01
	16	7/24/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	18	7/24/2014	<0.01	**0.049**	<0.01	<0.01	<0.01	<0.01
B-37	4	7/29/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	9	7/29/2014	<0.01	**0.020**	<0.01	<0.01	<0.01	<0.01
B-38	0.5	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	4	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	9	7/28/2014	<0.01	**0.024**	<0.01	<0.01	<0.01	<0.01
	12	7/28/2014	<0.01	**0.048**	<0.01	**0.011**	<0.01	<0.01
	14	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	16	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-39	0.5	7/29/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-40	0.5	7/29/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	4	7/29/2014	**0.030**	**1.3**	<0.01	<0.01	<0.01	<0.01
	9	7/29/2014	<0.01	**0.17**	<0.01	<0.01	<0.01	<0.01
B-41	0.5	7/29/2014	<0.01	**0.011**	<0.01	<0.01	<0.01	<0.01
	5	7/29/2014	<0.01	**0.20**	<0.01	**0.21**	<0.01	<0.01
	9	7/29/2014	<0.01	**0.11**	<0.01	<0.01	<0.01	<0.01
B-42	0.5	7/29/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	4	7/29/2014	<0.01	**2.8**	<0.01	<0.01	<0.01	<0.01
	9	7/29/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-43	1	7/25/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	6	7/25/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	11.5	7/25/2014	<0.01	**0.019**	<0.01	<0.01	<0.01	<0.01
B-44	1	7/25/2014	<0.01	**0.016**	<0.01	<0.01	<0.01	<0.01
	11.5	7/25/2014	<0.01	**5.0**	<0.01	<0.01	<0.01	<0.01
	13	7/25/2014	<0.01	**0.049**	<0.01	<0.01	<0.01	<0.01
	16	7/25/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	18.5	7/25/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-45	1	7/25/2014	<0.01	**0.017**	<0.01	<0.01	<0.01	<0.01
	6	7/25/2014	<0.01	**0.030**	<0.01	<0.01	<0.01	<0.01
	11.5	7/25/2014	<0.01	**0.043**	<0.01	<0.01	<0.01	<0.01

Table 1
Detected Volatile Organic Compounds in Soil
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Sample Depth (Feet)	Date Collected	Select 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
B-46	1	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	6	7/28/2014	<0.01	**0.014**	<0.01	<0.01	<0.01	<0.01
	11.5	7/28/2014	<0.01	**0.013**	<0.01	<0.01	<0.01	<0.01
	13	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	16	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	18	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-47	1	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	6	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	12	7/28/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
B-48	0.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-48	7	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-49	0.5	3/2/2015	<0.010	**0.010**	<0.010	<0.010	<0.010	<0.010
	5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-50	0.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-51	0.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	11	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	14	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	18	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-52	0.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-53	0.5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	0.5 (duplicate)	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	11	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	14	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	18	3/2/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-54	0.5	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8 (duplicate)	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-55	0.5	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/3/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-56	0.5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	3/9/2015	<0.010	**20**	<0.010	<0.010	<0.010	<0.010
	9	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-57	0.5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	3	3/9/2015	<0.010	**0.30**	<0.010	<0.010	<0.010	<0.010
	6	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-57	9	3/9/2015	<0.010	**0.032**	<0.010	<0.010	<0.010	<0.010
	15	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	18	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-58	0.5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	9	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	9 (duplicate)	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-59	0.5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-59	9	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-60	0.5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	8	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	15	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	18	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-60	18 (duplicate)	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

Table 1
Detected Volatile Organic Compounds in Soil
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Sample Depth (Feet)	Date Collected	Select 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
B-61	5	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	10	3/9/2015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-71	3	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	5	3/1/2022	<0.010	**0.014**	<0.010	<0.010	<0.010	<0.010
B-72	3	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	4	3/1/2022	<0.010	**0.03**	<0.010	<0.010	<0.010	<0.010
	5	3/1/2022	<0.010	**0.011**	<0.010	<0.010	<0.010	<0.010
B-73	10	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	11.5	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	13	3/1/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-74	10	3/2/2022	<0.010	**0.027**	<0.010	<0.010	<0.010	<0.010
	11.5	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	13	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-75	10	3/2/2022	<0.010	**0.013**	<0.010	<0.010	<0.010	<0.010
	11.5	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	13	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
B-76	10	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	12	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	13	3/2/2022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW05	8	6/30/2011	**0.15**	**4.0**	<0.010	<0.05	<0.010	<0.010
MW07	13	6/30/2011	<0.025	<0.03	<0.010	<0.05	<0.010	<0.010
MW-20 (MW-20s)	1	7/25/2014	<0.01	**0.033**	<0.01	<0.01	<0.01	<0.01
	5	7/25/2014	<0.01	**0.038**	<0.01	<0.01	<0.01	<0.01
	11.5	7/25/2014	<0.01	**0.044**	<0.01	<0.01	<0.01	<0.01
Site-Specific Soil RELs Developed for the Soil-Groundwater-Indoor Air Pathway[b]			**4.4**	**0.2**	**9.3**	**880**	**NVE**	**0.2**
MTCA Method C Soil Cleanup Levels			**1.0[c]**	**0.05[c]**	**1,600[d]**	**7,000[d]**	**175,000[d]**	**0.04[c]**

Notes:
All results are presented in milligrams per kilogram (mg/kg).
Bold Bold result exceeds the laboratory reporting limit.
Shaded result exceeds the Site-specific remediation level.
a Analyzed by EPA Method 8260.
b Site-Specific Groundwater Remediation Levels (RELs) Developed for the Soil-Groundwater-Indoor Air Pathway for a construction worker reasonable maximum exposure (RME) scenario.
c Model Toxics Control Act (MTCA) Method C CULs developed for the Soil-Groundwater-Indoor Air Pathway for a construction worker RME scenario.
d MTCA Method C Soil Cleanup Levels for Direct Contact (from Cleanup Levels and Risk Calculations [CLARC] spreadsheet). Where cleanup levels based on carcinogenic and non-carcinogenic risk were available, the lower value is listed.
< Analyte is not detected at a concentration greater than the laboratory reporting limit.
NVE No cleanup value has been established for this compound.
REL Remediation level.

Table 2
Detected Volatile Organic Compounds in Groundwater
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Date Collected	Select Volatile Organic Compounds[a,b]								
		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	Chloroform
Reconnaissance Groundwater Samples										
P01	3/16/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	<1
P02	3/16/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	<1
P03	3/16/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	<1
P04	3/17/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	<1
P05	3/17/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	**1.2**
P06	3/16/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	**5.6**
P07	3/17/2011	<1	<1	<1	<1	<1	<0.2	<1	<1	<1
B-32W-S	7/24/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-32W-D	7/24/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-33W-S	7/24/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-34W-S	7/24/2014	<2.0	**5.7**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-34W-D	7/24/2014	<2.0	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-35W-S	7/24/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-36W-S	7/24/2014	<2.0	**120**	<2.0	**6.5**	<2.0	<2.0	<2.0	<2.0	<2.0
B-36W-D	7/24/2014	<2.0	**77**	<2.0	**6.0**	<2.0	<2.0	<2.0	<2.0	<2.0
B-37W	7/29/2014	**2.5**	**360**	**3.0**	**34**	<2.0	<2.0	<2.0	<2.0	<2.0
B-38W-S	7/28/2014	**6.3**	**370**	<2.0	**16**	<2.0	<2.0	<2.0	<2.0	<2.0
B-38W-D	7/29/2014	<2.0	**48**	<2.0	**5.4**	<2.0	<2.0	<2.0	<2.0	<2.0
B-40W	7/29/2014	<2.0	**120**	<2.0	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0
B-41W	7/29/2014	<2.0	**40**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-42W	7/29/2014	<2.0	**18**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-43W	7/25/2014	<2.0	**140**	<2.0	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0
B-44W-S	7/25/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-44W-D	7/25/2014	<2.0	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-45W	7/25/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-46W-S	7/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-46W-D	7/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-47W	7/28/2014	<2.0	**10**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-48:RGW	3/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-49:RGW	3/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-50:RGW	3/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-51:RGW	3/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-52:RGW	3/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-53:RGW	3/2/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-54:RGW	3/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-55:RGW	3/3/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-56:RGW	3/9/2015	<2.0	**20**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-57:RGW	3/9/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-58:RGW	3/9/2015	<2.0	**3.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-59:RGW	3/9/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-60:RGW	3/9/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
B-61:RGW	3/9/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Monitoring Well Samples										
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
	05/18/2021	<2.0	**4.2**	<2.0	<2.0	<2.0	**0.32**	<2.0	<2.0	<2.0
	05/10/2022	<2.0	<2.0	<2.0	**2.0**	<2.0	**0.90**	<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-05i	05/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	05/10/2022	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
MW-07	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
	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

Table 2
Detected Volatile Organic Compounds in Groundwater
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Date Collected	Select Volatile Organic Compounds[a,b]								
		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	Chloroform
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
	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
	05/18/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	05/10/2022	<2.0	<2.0	<2.0	<2.0	<2.0	**4.0**	<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
	05/20/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	8/24/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	11/9/2021	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	2/9/2022	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0
	05/11/2022	<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
MW-21i	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
MW-22s	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

Table 2
Detected Volatile Organic Compounds in Groundwater
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Date Collected	Select Volatile Organic Compounds[a,b]								
		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	Chloroform
MW-23s	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
	05/10/2022	<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
Site-Specific Groundwater RELs Developed for the Groundwater-Indoor Air Pathway[c]		**440**	**37**	**NVE**	**NVE**	**NVE**	**30**	**52,340**	**NVE**	**NVE**
Site-Specific Groundwater CULs Developed for the Groundwater-Indoor Air Pathway[d]		**101**	**8.4**	**NVE**	**NVE**	**NVE**	**6.8**	**11,930**	**NVE**	**NVE**
Groundwater CULs Adopted from ODEQ[e]		**5,600**	**3,000**	**1,800**	**180,000**	**44,000**	**960**	**1,100,000**	**49**	**720**

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

Bold Bold results exceed the laboratory reporting limit.
Shaded results exceed theSite-specific remediation level.
* 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).
< Analyte is not detected at a concentration greater than the laboratory reporting limit.
-- Sample was not analyzed for this compound.
CUL Cleanup level.
NVE No cleanup value has been established for this compound.
REL Remediation level.

Table 3
Soil Gas Analytical Results
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Sample Location Identification	Date Collected	Select Volatile Organic Compounds[a]							
		Tetrachloro-ethene	Trichloro-ethene	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
VS-1	3/19/2013	**2,200**	**150,000**	<160	**3,100**	<160	<160	**180**	<160
	8/7/2014	**3,310**	**21,700**	**179**	**4,040**	--	<1.74	--	--
VS-2	3/19/2013	**400**	**53,000**	<60	**410**	<60	<60	**85**	<60
	8/7/2014	**1,180**	**19,000**	**59**	**1,100**	--	<0.217	--	--
VS-3	3/19/2013	<470	**970**	<470	<470	<470	<470	<470	<470
	8/7/2014	**4.83**	**42.5**	<0.0238	<0.0793	--	<0.217	--	--
VS-4	8/7/2014	**1,730**	**18,800**	**182**	**4,810**	--	**0.302**	--	--
	3/3/2022	<37	**130**	<2.2	<2.2	<2.2	<1.4	<3	<0.3
VS-5	8/7/2014	**654**	**9,640**	**14.2**	**45**	--	<0.217	--	--
	3/3/2022	<37	**200**	<2.2	<2.2	<2.2	<1.4	<3	<0.3
VS-6	8/7/2014	**18.6**	**2,630**	<0.0238	<0.0793	--	<0.217	--	--
VS-7	7/1/2015	**10.7**	**2.40**	<0.0793	<0.0793	<0.0793	<0.511	**1.37**	<2.73
VS-8	7/1/2015	<2.03	<1.07	<0.0793	<0.0793	<0.0793	<0.511	<1.09	<2.73
VS-9	3/3/2022	<39	**77**	<2.3	<2.3	<2.3	<1.5	<3.2	<0.32
Site-Specific Sub-Slab Soil Gas Screening Level[b]		**5,833**	**293**	**NVE**	**NVE**	**NVE**	**800**	**731,000**	**NVE**

Notes:
All results presented in micrograms per cubic meter (µg/m^3).
Bold Bold result exceeds the laboratory reporting limit.
Shaded result exceeds the applicable Site-Specific Soil Gas Screeing Level.
a Volatile Organic Compounds analysis in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999.
b Site-specific soil gas screening level developed for the groundwater-indoor air pathway for a construction worker reasonable maximum exposure (RME) scenario.
< Analyte was not detected at a concentration greater than the laboratory reporting limit.
-- Sample was not analyzed for this compound.
NVE No cleanup value has been established for this compound.

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Montitoring Well	Date Collected	Arsenic[a]	Cadmium[b]	Chromium (Hexa-valent)[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	0	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	**4.6**	--	--	--	--	--	--
	6/9/15 Dup-3	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/15 Dup-1	--	--	<10	<2.0	--	--	--	--	--	--
	12/3/2015	--	--	<10	**11**	--	--	--	--	--	--
	3/15/2016	--	--	<10	**4.2**	--	--	--	--	--	--
MW-2	3/23/1989	<5	**160**	**110,000**	**180,000**	**60**	<5	**90**	**60**	**520**	--
	9/21/1989	--	**700**	**280,000**	**280,000**	--	--	**200**	**400**	**30**	--
	4/27/1999	--	**44**	**8,100**	**8,260**	--	--	--	<4	<5	--
	11/5/2013	--	--	**54**	**150**	--	--	--	--	<50	--
	8/27/2014	--	--	<10	**23**	--	--	--	--	<50	--
	6/9/2015	--	--	<10	**36**	--	--	--	--	--	--
	9/16/2015	--	--	<10	**41**	--	--	--	--	--	--
	12/2/2015	--	--	<10	**56**	--	--	--	--	--	--
	3/16/2016	--	--	<10	**95**	--	--	--	--	--	--
	3/16/16 DUP-2	--	--	<10	**81**	--	--	--	--	--	--
	3/1/2017	--	--	<10	--	--	--	--	--	--	--
	3/1/17 DUP-2	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	2/28/2020	--	--	<10	--	--	--	--	--	--	--
	11/25/2020	--	**2.0**	--	--	--	--	--	--	<50	<5.0[i]
MW-3	3/23/1989	<5	**70**	**25,000**	**30,000**	**20**	<5	**2,400**	**80**	**110**	--
	9/22/1989	--	**8**	**20**	**50**	--	--	**60**	<10	**150**	--
	4/27/1999	--	**48**	**3,400**	**455**	--	--	--	**7**	**33**	--
	11/5/2013	--	--	<10	--	--	--	--	--	--	--
	11/6/2013	--	--	--	**390**	--	--	--	--	<50	--
	8/26/2014	--	--	<10	--	--	--	--	--	--	--
	8/27/2014	--	--	--	**57**	--	--	--	--	<50	--
	6/8/2015	--	--	<10	--	--	--	--	--	--	--
	6/9/2015	--	--	<10	**230**	--	--	--	--	--	--
	9/15/2015	--	--	<10	**340**	--	--	--	--	--	--
	12/3/2015	--	--	**320**	**690**	--	--	--	--	--	--
	3/15/2016	--	--	**3,000**	**3,400**	--	--	--	--	--	--
	8/2/2016	--	--	**<10**	**2,300**	--	--	--	--	--	--
	12/6/2016	--	--	**1,500**	--	--	--	--	--	--	--
	3/1/2017	--	--	<10	--	--	--	--	--	--	--
	5/16/2017	--	--	<10	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	**42**	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	**32**	--	--	--	--	--	--	--
	6/13/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	**110**	--	--	--	--	--	--
	5/9/2019	--	--	<10	**68**	--	--	--	--	--	--
	7/31/2019	--	--	<10	**940**	--	--	--	--	--	--
	11/26/2019	--	--	<10	**37**	--	--	--	--	--	--
	2/27/2020	--	--	<10	**120**	--	--	--	--	--	--
	5/28/2020	--	--	<10	**83**	--	--	--	--	--	--
	8/11/2020	--	--	<10	**39**	--	--	--	--	--	--
	12/1/2020	--	<1.0	<10	<2.0	--	--	--	--	<50	<5.0
	12/01/2020 DUP-1	--	<1.0	<10	<2.0	--	--	--	--	**52.7**	<5.0
	2/24/2021	--	--	**90**	**350**	--	--	--	--	--	--
	2/24/21 DUP-1	--	--	**86**	**340**	--	--	--	--	--	--
	05/19/2021	--	--	<10	**65**	--	--	--	--	--	--
	05/19/2021	--	--	<10	**61**	--	--	--	--	--	--
	8/25/2021	--	--	<10	**240**	--	--	--	--	--	--
	11/10/2021	--	--	**600**	**600**	--	--	--	--	--	--
	2/11/2022	--	--	**65**	**120**	--	--	--	--	--	--
	05/12/2022	--	--	**44**	**68**	--	--	--	--	--	--
MW-4	3/23/1989	<5	**5**	**300**	**430**	<20	<5	<30	<10	**30**	--
	9/21/1989	--	<5	<10	<10	--	--	<10	<10	**10**	--
	4/27/1999	--	<2	<10	<5	--	--	--	<4	<5	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	**2.2**	--	--	--	--	--	--
	3/17/16 DUP-3	--	--	<10	**2.0**	--	--	--	--	--	--
MW-4i	12/4/2015	--	--	<10	<2.0	--	--	--	--	--	--

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Montitoring Well	Date Collected	Arsenic[a]	Cadmium[b]	Chromium (Hexa-valent)[c]	Total Chromium[d]	Copper[a]	Lead[a]	Nickel[e]	Zinc[f]	Total Cyanide[g]	Free Cyanide[h]
MW-4i	12/4/15 DUP-4	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-5	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	4/27/1999	--	<2	<10	<5	--	--	--	<4	<5	--
	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/27/2014	--	--	<10	**10**	--	--	--	--	<50	--
	6/9/2015	--	--	<10	**2.6**	--	--	--	--	--	--
	9/15/2015	Not Sampled									--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/15 DUP-2	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	**6.2**	--	--	--	--	--	--
		WELL DECOMMISSIONED									--
MW-5B	8/27/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	**270**	<2.0	--	--	--	--	--	--
MW-05 (MW-05s)	8/27/2014	--	--	<10	**15**	--	--	--	--	<50	--
	6/9/2015	--	--	<10	**8.4**	--	--	--	--	--	--
	6/9/15 Dup-2	--	--	<10	**8.4**	--	--	--	--	--	--
	9/17/2015	**1.7**	**2.2**	<10	**20**	<2.0	<1.0	--	--	--	--
	12/2/2015	**--**	**--**	**38**	**36**	--	--	--	--	--	--
	3/17/2016	--	--	<10	**6.7**	--	--	--	--	--	--
	2/28/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	05/18/2021	--	--	<10	**5.3**	--	--	--	--	--	--
	05/10/2022	--	--	<10	**5.4**	--	--	--	--	--	--
MW-05i	6/9/2015	--	--	<10	**5.8**	--	--	--	--	--	--
	9/17/2015	--	--	<10	**2.6**	--	--	--	--	--	--
	12/2/2015	--	--	<10	**3.5**	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-7s	6/9/2015	--	--	**12**	**43**	--	--	--	--	--	--
	9/15/2015	**Not Sampled – Dry**									--
	12/3/2015	--	--	**24**	**40**	--	--	--	--	--	--
	3/16/2016	--	--	**15**	**39**	--	--	--	--	--	--
MW-7i	11/4/2013	--	--	<10	<2.0	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/3/2015	--	--	<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	--	--	--	--	--	--	--
	05/19/2021	--	--	<10	**82**	--	--	--	--	--	--
MW-8 (MW-8i)	9/21/1989	--	<5	<10	**20**	--	--	**30**	**50**	**30**	--
	11/4/2013	--	--	<10	**2.7**	--	--	--	--	<50	--
	8/26/2014	--	--	<10	**2.3**	--	--	--	--	<50	--
	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	6/8/15 Dup-1	--	--	<10	**3.3**	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	**2.5**	--	--	--	--	--	--
MW-9	9/21/1989	--	**10**	<10	<10	--	--	**10**	**30**	<10	--
	11/4/2013	--	--	<10	**15**	--	--	--	--	<50	--
	8/26/2014	--	--	<10	<2.0	--	--	--	--	<50	--
	6/8/2015	--	--	<10	**6.0**	--	--	--	--	--	--
	9/16/2015	--	--	<10	**6.7**	--	--	--	--	--	--
	9/16/15 Dup-3	--	--	<10	**6.4**	--	--	--	--	--	--
	12/1/2015	--	--	<10	**9**	--	--	--	--	--	--
	3/16/2016	--	--	<10	**8.1**	--	--	--	--	--	--
MW-10 (MW-10s)	9/21/1989	--	<5	<10	<10	--	--	<10	<10	<10	--
	11/4/2013	--	--	<10	**8.9**	--	--	--	--	<50	--
	8/26/2014	--	--	<10	**3.8**	--	--	--	--	**260**	--
	6/8/2015	--	--	<10	**4.9**	--	--	--	--	--	--
	9/16/2015	--	--	<10	**9.8**	--	--	--	--	--	--

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

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

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Montitoring Well	Date Collected	Arsenic[a]	Cadmium[b]	Chromium (Hexa-valent)[c]	Total Chromium[d]	Copper[a]	Lead[a]	Nickel[e]	Zinc[f]	Total Cyanide[g]	Free Cyanide[h]
MW-18	5/17/2017	--	--	<10	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	**1,300**	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	6/13/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	**100**	--	--	--	--	--	--
	5/8/2019	--	--	<10	--	--	--	--	--	--	--
	7/31/2019	--	--	<10	**980**	--	--	--	--	--	--
	11/27/2019	--	--	<10	**60**	--	--	--	--	--	--
	2/27/2020	--	--	<10	**44**	--	--	--	--	--	--
	5/28/2020	--	--	<10	**59**	--	--	--	--	--	--
	8/10/2020	--	--	<10	**42**	--	--	--	--	--	--
	12/1/2020	--	<1.0	<10	<2.0	--	--	<2.0	<2.5	<50	<5.0
	2/24/2021	--	--	<10	**20**	--	--	--	--	--	--
	2/24/2021	--	--	<10	**24**	--	--	--	--	--	--
	8/25/2021	--	--	<10	**1,800**	--	--	--	--	--	--
	11/10/2021	--	--	<10	**68**	--	--	--	--	--	--
	2/10/2022	--	--	<10	**250**	--	--	--	--	--	--
	05/12/2022	--	--	<10	**69**	--	--	--	--	--	--
MW-19	10/11/1989	--	**20**	**150**	**490**	--	--	**50**	**40**	**13,000**	--
	11/4/2013	**Not sampled, well inaccessible**									--
	8/27/2014	--	--	<10	**1,500**	--	--	--	--	**0.26**	--
	6/10/2015	--	--	<10	**23**	--	--	--	--	**0.26**	--
	9/18/2015	--	--	<10	**41**	--	--	--	--	--	--
	12/4/2015	--	--	**120**	**120**	--	--	--	--	--	--
	3/17/2016	--	--	<10	**1,700**	--	--	--	--	--	--
	8/3/2016	--	--	<10	**38**	--	--	--	--	--	--
	3/2/2017	--	--	<10	--	--	--	--	--	--	--
	8/3/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	7/31/2019	--	--	<10	--	--	--	--	--	--	--
	2/27/2020	--	--	<10	--	--	--	--	--	--	--
	8/10/2020	--	--	<10	--	--	--	--	--	--	--
	05/19/2021	--	--	<10	**11**	--	--	--	--	--	--
	05/12/2022	--	--	<10	**28**	--	--	--	--	--	--
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**	--	--	--	--	--	--
MW-20 (MW-20s)	3/17/2016	--	--	<10	**45**	--	--	--	--	--	--
	2/28/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	05/18/2021	--	--	<10	<2.0	--	--	--	--	--	--
	05/10/2022	--	--	<10	**10**	--	--	--	--	--	--
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	--	--	--	--	--	--
MW-23s	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	5/8/2019	--	--	<10	<2.0	--	--	--	--	--	--
	05/19/2021	**Not Sampled – Dry**									
MW-23i	6/9/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/17/2016	--	--	<10	<2.0	--	--	--	--	--	--
	5/8/2019	--	--	<10	<2.0	--	--	--	--	--	--
MW-24s	6/9/2015	--	--	<10	**7.3**	--	--	--	--	--	--

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

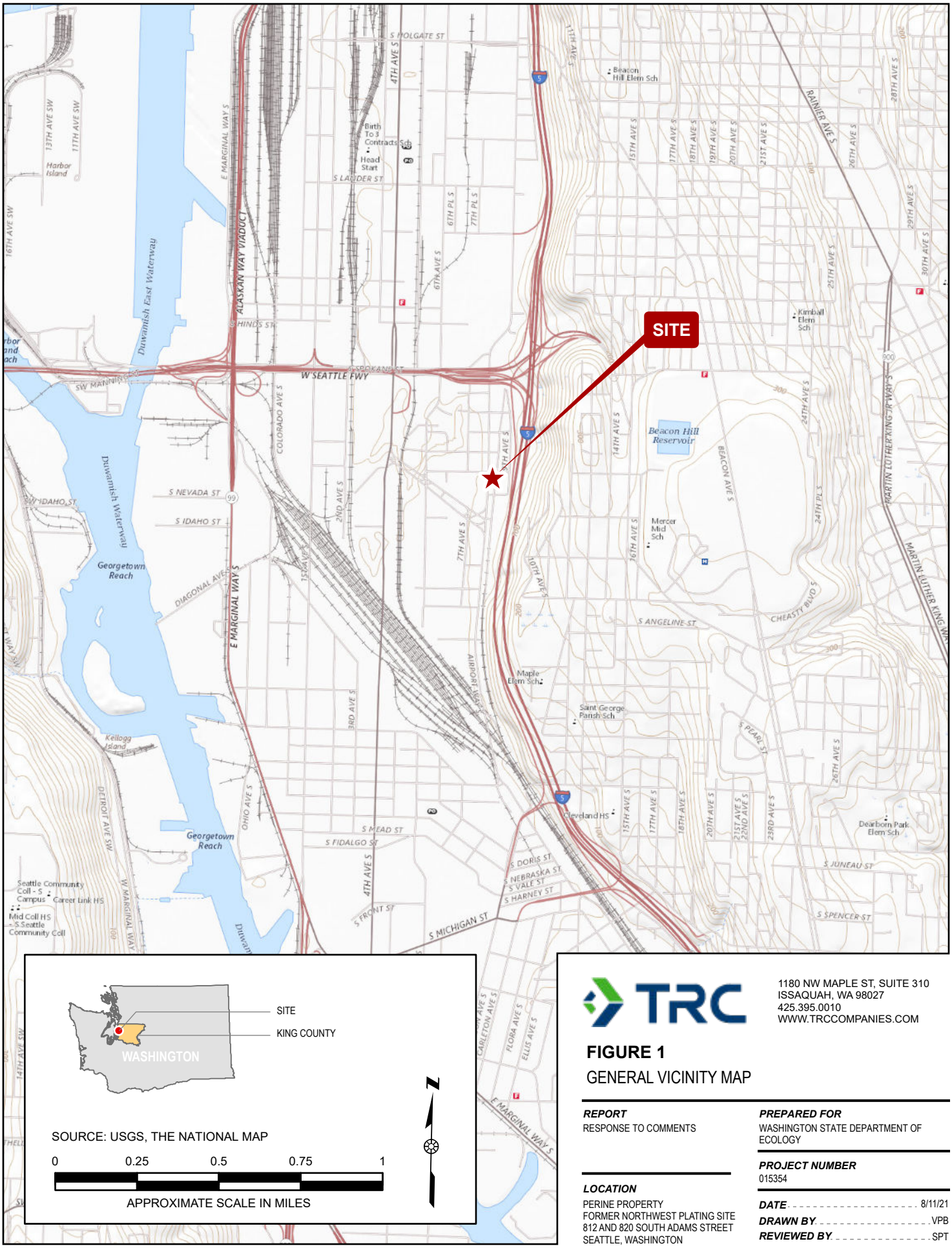
Montitoring Well	Date Collected	Arsenic[a]	Cadmium[b]	Chromium (Hexa-valent)[c]	Total Chromium[d]	Copper[a]	Lead[a]	Nickel[e]	Zinc[f]	Total Cyanide[g]	Free Cyanide[h]
MW-24s	9/15/2015	--	--	<10	**11**	--	--	--	--	--	--
	12/3/2015	--	--	<10	**6.8**	--	--	--	--	--	--
	3/15/2016	--	--	<10	**9.9**	--	--	--	--	--	--
	3/15/16 DUP-1	--	--	<10	**12**	--	--	--	--	--	--
MW-24i	6/9/2015	--	--	<10	**4.5**	--	--	--	--	--	--
	9/15/2015	--	--	<10	**2.2**	--	--	--	--	--	--
	12/3/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-24IR	12/3/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-25s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	**3.0**	--	--	--	--	--	--
	12/1/2015	--	--	<10	**10**	--	--	--	--	--	--
	12/1/15 DUP-1	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-25i	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/16/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	<2.0	--	--	--	--	--	--
MW-26s	6/8/2015	--	--	<10	**9.2**	--	--	--	--	--	--
	9/15/2015	<1.0	<1.0	<10	**5.8**	<1.0	<1.0	--	--	--	--
	12/1/2015	--	--	<10	**6.1**	--	--	--	--	--	--
	3/15/2016	--	--	<10	**25**	--	--	--	--	--	--
MW-26i	6/8/2015	--	--	<10	**4.9**	--	--	--	--	--	--
	9/15/2015	--	--	<10	**15**	--	--	--	--	--	--
	12/1/2015	--	--	<10	**15**	--	--	--	--	--	--
	3/16/2016	--	--	<10	**17**	--	--	--	--	--	--
MW-27s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/16/2016	--	--	<10	6.5	--	--	--	--	--	--
MW-28s	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/15/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/1/2015	--	--	<10	<2.0	--	--	--	--	--	--
	3/15/2016	--	--	<10	2.8	--	--	--	--	--	--
MW-29s	6/8/2015	--	--	<10	**7.1**	--	--	--	--	--	--
	9/18/2015	--	--	<10	**18**	--	--	--	--	--	--
	12/3/2015	--	--	<10	**6.6**	--	--	--	--	--	--
	12/3/15 DUP-3	--	--	<10	**8.6**	--	--	--	--	--	--
	3/17/2016	--	--	<10	**6.6**	--	--	--	--	--	--
SBW-1	6/8/2015	--	--	<10	<2.0	--	--	--	--	--	--
	9/17/2015	--	--	<10	<2.0	--	--	--	--	--	--
	12/2/2015	--	--	<10	**2.7**	--	--	--	--	--	--
	3/15/2016	--	--	<10	<2.0	--	--	--	--	--	--
SBW-2	6/8/2015	--	--	**50**	**60**	--	--	--	--	--	--
	9/17/2015	--	--	**35**	**45**	--	--	--	--	--	--
	12/1/2015	--	--	**180**	**180**	--	--	--	--	--	--
	3/16/2016	--	--	<10	**250**	--	--	--	--	--	--
	8/2/2016	--	--	**72**	**77**	--	--	--	--	--	--
	12/5/2016	--	--	**430**	--	--	--	--	--	--	--
	3/1/2017	--	--	**200**	--	--	--	--	--	--	--
	5/16/2017	--	--	**11**	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	--	--	--	--	--	--	--
	11/29/2017	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	8/9/2018	--	--	<10	--	--	--	--	--	--	--
	11/20/2018	--	--	<10	--	--	--	--	--	--	--
	2/27/2019	--	--	<10	--	--	--	--	--	--	--
	5/8/2019	--	--	<10	--	--	--	--	--	--	--
	7/30/2019	--	--	<10	--	--	--	--	--	--	--
	11/26/2019	--	--	<10	--	--	--	--	--	--	--
	2/26/2020	--	--	<10	--	--	--	--	--	--	--
	5/28/2020	--	--	<10	--	--	--	--	--	--	--
	8/11/2020	--	--	<10	--	--	--	--	--	--	--
	12/1/2020	--	--	<10	--	--	--	--	--	--	--
	2/24/2021	--	--	<10	**20**	--	--	--	--	--	--
	05/19/2021	--	--	<10	**30**	--	--	--	--	--	--
	8/25/2021	--	--	<10	**39**	--	--	--	--	--	--
	11/10/2021	--	--	<10	**35**	--	--	--	--	--	--
	11/10/2021 DUP-02	--	--	<10	**33**	--	--	--	--	--	--
	2/10/2022	--	--	<10	**15**	--	--	--	--	--	--
	2/10/22 DUP-01	--	--	<10	**15**	--	--	--	--	--	--
	05/11/2022	--	--	<10	**15**	--	--	--	--	--	--
SBW-2	05/11/2022 - DUP-1	--	--	<10	**15**	--	--	--	--	--	--
SBW-3	6/8/2015	--	--	**46**	**100**	--	--	--	--	--	--
	9/15/2015	--	--	**190**	**180**	--	--	--	--	--	--
	12/1/2015	--	--	**150**	**140**	--	--	--	--	--	--
	3/15/2016	--	--	**170**	**150**	--	--	--	--	--	--
	8/2/2016	--	--	**150**	**140**	--	**1**	--	--	--	--
	12/5/2016	--	--	**62**	**--**	--	--	--	--	--	--
	2/28/2017	--	--	**110**	--	--	--	--	--	--	--
	5/16/2017	--	--	**130**	--	--	--	--	--	--	--
	8/2/2017	--	--	<10	--	--	--	--	--	--	--
	11/29/2017	--	--	**110**	--	--	--	--	--	--	--
	2/28/2018	--	--	<10	--	--	--	--	--	--	--
	6/13/2018	--	--	**51**	--	--	--	--	--	--	--

Table 4
Groundwater Analytical Results for Metals and Cyanide
Response to Comments
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street, Seattle, WA

Montitoring Well	Date Collected	Arsenic[a]	Cadmium[b]	Chromium (Hexa-valent)[c]	Total Chromium[d]	Copper[a]	Lead[a]	Nickel[e]	Zinc[f]	Total Cyanide[g]	Free Cyanide[h]
SBW-3	8/9/2018	--	--	**64**	--	--	--	--	--	--	--
	11/20/2018	--	--	**86**	--	--	--	--	--	--	--
SBW-3	2/27/2019	--	--	**91**	--	--	--	--	--	--	--
	5/8/2019	--	--	**64**	--	--	--	--	--	--	--
	7/30/2019	--	--	**120**	--	--	--	--	--	--	--
	11/26/2019	--	--	**130**	--	--	--	--	--	--	--
	2/26/2020	--	--	**100**	--	--	--	--	--	--	--
	5/28/2020	--	--	**66**	--	--	--	--	--	--	--
	8/11/2020	--	--	**72**	--	--	--	--	--	--	--
	12/1/2020	--	--	<10	--	--	--	--	--	--	--
	2/24/2021	--	--	**150**	**150**	--	--	--	--	--	--
	05/20/2021	--	--	**95**	**100**	--	--	--	--	--	--
	8/25/2021	--	--	**130**	**130**	--	--	--	--	--	--
	11/9/2021	--	--	**25**	**31**	--	--	--	--	--	--
	2/10/2022	--	--	**110**	**120**	--	--	--	--	--	--
	05/11/2022	--	--	**140**	**140**	--	--	--	--	--	--
	05/11/2022 - DUP-2	--	--	**140**	**140**	--	--	--	--	--	--
SBW-4	6/8/2015	--	--	<10	**14**	--	--	--	--	--	--
	9/15/2015	--	--	**13**	**12**	--	--	--	--	--	--
	12/1/2015	--	--	<10	**8.6**	--	--	--	--	--	--
	3/15/2016	--	--	12	**12**	--	--	--	--	--	--
Groundwater CULs Adopted from ODEQ[j]		**6,300**	**130,000**	**9,400**	**NVE**	**81,000**	**NVE**	**1.34E+07**	**NVE**	**81,000**	**81,000**

Notes:
All results in micrograms per liter (µg/L).
Bold Bold results exceed the laboratory reporting limit.
Shaded results exceed the Site-specific remediation level.
* MW-16PP collected before low-flow purging.
a Method of analysis of arsenic, copper, and lead is unknown for samples dated 03/23/1989.
b Samples collected on 3/23/89, 9/21/89 and 4/27/99 were analyzed for cadmium by EPA Metthod 6010. Samples collected on 10/11/89 were analyzed by EPA Methods 7130 and 7131.
c All samples analyzed for hexavalent chromium by EPA 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).

Figures



TRC

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

FIGURE 1

GENERAL VICINITY MAP

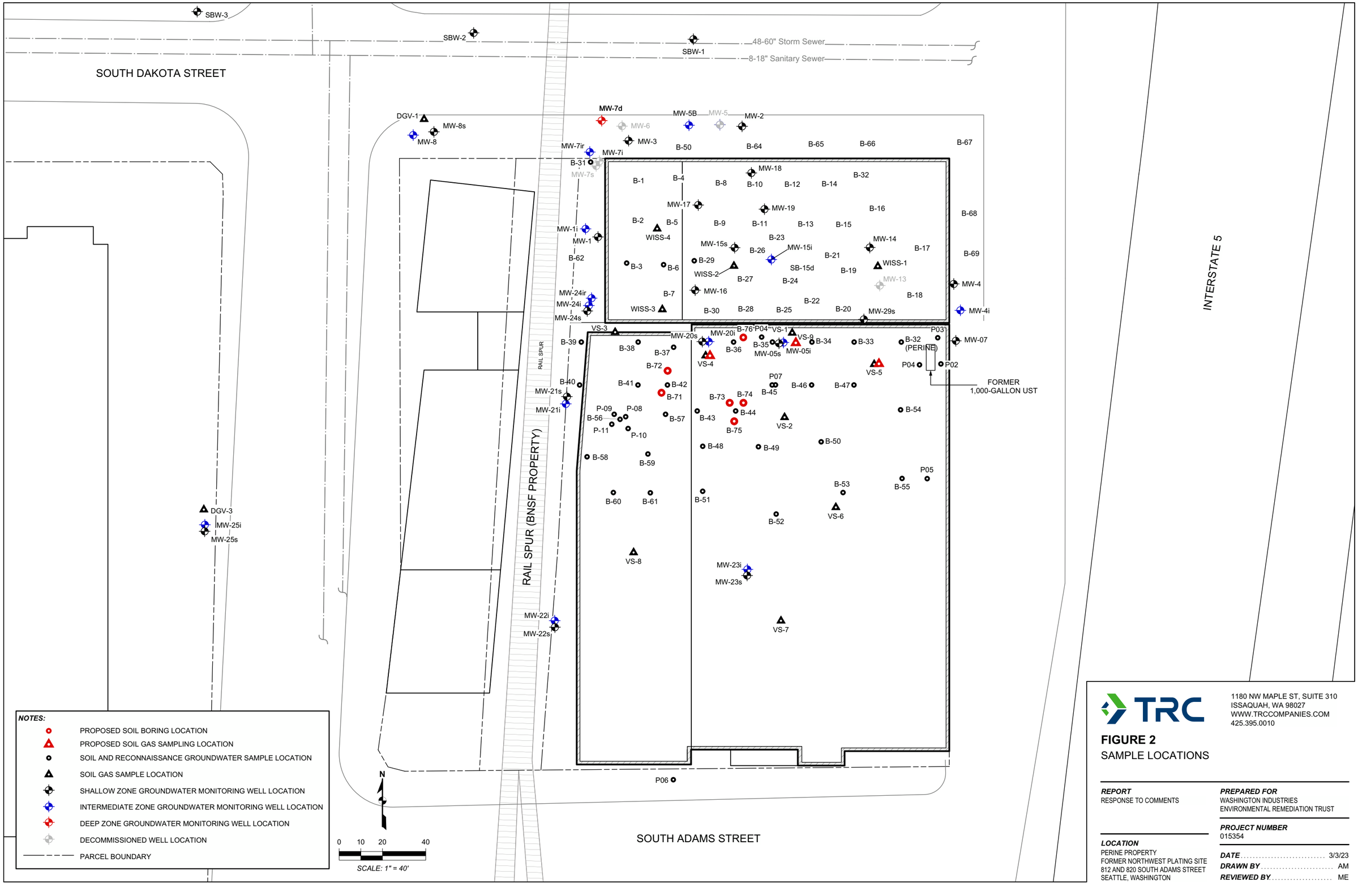
REPORT
RESPONSE TO COMMENTS

PREPARED FOR
WASHINGTON STATE DEPARTMENT OF ECOLOGY

PROJECT NUMBER
015354

LOCATION
PERINE PROPERTY
FORMER NORTHWEST PLATING SITE
812 AND 820 SOUTH ADAMS STREET
SEATTLE, WASHINGTON

DATE 8/11/21
DRAWN BY VPB
REVIEWED BY SPT



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

FIGURE 2
SAMPLE LOCATIONS

REPORT
RESPONSE TO COMMENTS

PREPARED FOR
WASHINGTON INDUSTRIES
ENVIRONMENTAL REMEDIATION TRUST

LOCATION
PERINE PROPERTY
FORMER NORTHWEST PLATING SITE
812 AND 820 SOUTH ADAMS STREET
SEATTLE, WASHINGTON

PROJECT NUMBER
015354

DATE 3/3/23
DRAWN BY ..... AM
REVIEWED BY ..... ME

Attachment A
Laboratory Analytical Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 21, 2022

Mariem Esparra, Project Manager
TRC Environmental
1180 NW Maple St, Suite 310
Issaquah, WA 98027

RE: 015354.0010-Washington Industries, F&BI 203085

Dear Ms Esparra:

Included is the amended report from the testing of material submitted on March 4, 2022 from the 015354.0010-Washington Industries, F&BI 203085 project. Per your request, the sample IDs have been updated.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Cynthia Moon
TRC0317R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 17, 2022

Mariem Esparra, Project Manager
TRC Environmental
1180 NW Maple St, Suite 310
Issaquah, WA 98027

RE: 015354.0010-Washington Industries, F&BI 203085

Dear Ms Esparra:

Included are the results from the testing of material submitted on March 4, 2022 from the 015354.0010-Washington Industries, F&BI 203085 project. There are 12 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Cynthia Moon
TRC0317R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 4, 2022 by Friedman & Bruya, Inc. from the TRC Environmental 015354.0010-Washington Industries, F&BI 203085 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	TRC Environmental
203085 -01	VS-9
203085 -02	VS-4
203085 -03	VS-5

All quality control requirements were acceptable.

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085
Date Extracted: 03/16/22
Date Analyzed: 03/16/22

RESULTS FROM THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Results Reported as % Helium

Sample ID Laboratory ID	Helium
VS-9 203085-01	<0.6
VS-4 203085-02	<0.6
VS-5 203085-03	<0.6
Method Blank 02-674 MB	<0.6

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-9	Client:	TRC Environmental
Date Received:	03/04/22	Project:	015354.0010, F&BI 203085
Date Collected:	03/03/22	Lab ID:	203085-01 1/5.8
Date Analyzed:	03/09/22	Data File:	030915.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	90	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<7	<4.1	1,2-Dichloropropane	<1.3	<0.29
Dichlorodifluoromethane	3.1	0.63	1,4-Dioxane	<2.1	<0.58
Chloromethane	<22	<10	2,2,4-Trimethylpentane	<27	<5.8
F-114	<4.1	<0.58	Methyl methacrylate	<24	<5.8
Vinyl chloride	<1.5	<0.58	Heptane	<24	<5.8
1,3-Butadiene	<0.26	<0.12	Bromodichloromethane	<0.39	<0.058
Butane	<28	<12	Trichloroethene	77	14
Bromomethane	<14	<3.5	cis-1,3-Dichloropropene	<2.6	<0.58
Chloroethane	<15	<5.8	4-Methyl-2-pentanone	<24	<5.8
Vinyl bromide	<2.5	<0.58	trans-1,3-Dichloropropene	<2.6	<0.58
Ethanol	140	76	Toluene	<110	<29
Acrolein	0.68	0.30	1,1,2-Trichloroethane	<0.32	<0.058
Pentane	<17	<5.8	2-Hexanone	<24	<5.8
Trichlorofluoromethane	<13	<2.3	Tetrachloroethene	<39	<5.8
Acetone	<28	<12	Dibromochloromethane	<0.49	<0.058
2-Propanol	<50	<20	1,2-Dibromoethane (EDB)	<0.45	<0.058
1,1-Dichloroethene	<2.3	<0.58	Chlorobenzene	<2.7	<0.58
trans-1,2-Dichloroethene	<2.3	<0.58	Ethylbenzene	<2.5	<0.58
Methylene chloride	<200	<58	1,1,2,2-Tetrachloroethane	<0.8	<0.12
t-Butyl alcohol (TBA)	<70	<23	Nonane	<30	<5.8
3-Chloropropene	<9.1	<2.9	Isopropylbenzene	<14	<2.9
CFC-113	<4.4	<0.58	2-Chlorotoluene	<30	<5.8
Carbon disulfide	<36	<12	Propylbenzene	<14	<2.9
Methyl t-butyl ether (MTBE)	<10	<2.9	4-Ethyltoluene	<14	<2.9
Vinyl acetate	<41	<12	m,p-Xylene	<5	<1.2
1,1-Dichloroethane	<2.3	<0.58	o-Xylene	<2.5	<0.58
cis-1,2-Dichloroethene	<2.3	<0.58	Styrene	<4.9	<1.2
Hexane	<20	<5.8	Bromoform	<12	<1.2
Chloroform	<0.28	<0.058	Benzyl chloride	<0.3	<0.058
Ethyl acetate	<42	<12	1,3,5-Trimethylbenzene	<14	<2.9
Tetrahydrofuran	<3.4	<1.2	1,2,4-Trimethylbenzene	<14	<2.9
2-Butanone (MEK)	<17	<5.8	1,3-Dichlorobenzene	<3.5	<0.58
1,2-Dichloroethane (EDC)	<0.23	<0.058	1,4-Dichlorobenzene	<1.3	<0.22
1,1,1-Trichloroethane	<3.2	<0.58	1,2-Dichlorobenzene	<3.5	<0.58
Carbon tetrachloride	<1.8	<0.29	1,2,4-Trichlorobenzene	<4.3	<0.58
Benzene	<1.9	<0.58	Naphthalene	<1.5	<0.29
Cyclohexane	<40	<12	Hexachlorobutadiene	<1.2	<0.12

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-4	Client:	TRC Environmental
Date Received:	03/04/22	Project:	015354.0010, F&BI 203085
Date Collected:	03/03/22	Lab ID:	203085-02 1/5.5
Date Analyzed:	03/09/22	Data File:	030916.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	89	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<6.6	<3.8	1,2-Dichloropropane	<1.3	<0.28
Dichlorodifluoromethane	2.9	0.58	1,4-Dioxane	<2	<0.55
Chloromethane	<20	<9.9	2,2,4-Trimethylpentane	<26	<5.5
F-114	<3.8	<0.55	Methyl methacrylate	<23	<5.5
Vinyl chloride	<1.4	<0.55	Heptane	<23	<5.5
1,3-Butadiene	<0.24	<0.11	Bromodichloromethane	<0.37	<0.055
Butane	<26	<11	Trichloroethene	130	24
Bromomethane	<13	<3.3	cis-1,3-Dichloropropene	<2.5	<0.55
Chloroethane	<15	<5.5	4-Methyl-2-pentanone	<23	<5.5
Vinyl bromide	<2.4	<0.55	trans-1,3-Dichloropropene	<2.5	<0.55
Ethanol	<41	<22	Toluene	<100	<27
Acrolein	<0.63	<0.28	1,1,2-Trichloroethane	<0.3	<0.055
Pentane	<16	<5.5	2-Hexanone	<23	<5.5
Trichlorofluoromethane	<12	<2.2	Tetrachloroethene	<37	<5.5
Acetone	<26	<11	Dibromochloromethane	<0.47	<0.055
2-Propanol	<47	<19	1,2-Dibromoethane (EDB)	<0.42	<0.055
1,1-Dichloroethene	<2.2	<0.55	Chlorobenzene	<2.5	<0.55
trans-1,2-Dichloroethene	<2.2	<0.55	Ethylbenzene	<2.4	<0.55
Methylene chloride	<190	<55	1,1,2,2-Tetrachloroethane	<0.76	<0.11
t-Butyl alcohol (TBA)	<67	<22	Nonane	<29	<5.5
3-Chloropropene	<8.6	<2.7	Isopropylbenzene	<14	<2.7
CFC-113	<4.2	<0.55	2-Chlorotoluene	<28	<5.5
Carbon disulfide	<34	<11	Propylbenzene	<14	<2.7
Methyl t-butyl ether (MTBE)	<9.9	<2.7	4-Ethyltoluene	<14	<2.7
Vinyl acetate	<39	<11	m,p-Xylene	8.1	1.9
1,1-Dichloroethane	<2.2	<0.55	o-Xylene	3.4	0.79
cis-1,2-Dichloroethene	<2.2	<0.55	Styrene	<4.7	<1.1
Hexane	<19	<5.5	Bromoform	<11	<1.1
Chloroform	<0.27	<0.055	Benzyl chloride	<0.28	<0.055
Ethyl acetate	<40	<11	1,3,5-Trimethylbenzene	<14	<2.7
Tetrahydrofuran	<3.2	<1.1	1,2,4-Trimethylbenzene	<14	<2.7
2-Butanone (MEK)	<16	<5.5	1,3-Dichlorobenzene	<3.3	<0.55
1,2-Dichloroethane (EDC)	<0.22	<0.055	1,4-Dichlorobenzene	<1.3	<0.21
1,1,1-Trichloroethane	<3	<0.55	1,2-Dichlorobenzene	<3.3	<0.55
Carbon tetrachloride	<1.7	<0.28	1,2,4-Trichlorobenzene	<4.1	<0.55
Benzene	<1.8	<0.55	Naphthalene	<1.4	<0.28
Cyclohexane	<38	<11	Hexachlorobutadiene	<1.2	<0.11

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-5	Client:	TRC Environmental
Date Received:	03/04/22	Project:	015354.0010, F&BI 203085
Date Collected:	03/03/22	Lab ID:	203085-03 1/5.5
Date Analyzed:	03/10/22	Data File:	030917.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<6.6	<3.8	1,2-Dichloropropane	<1.3	<0.28
Dichlorodifluoromethane	<2.7	<0.55	1,4-Dioxane	<2	<0.55
Chloromethane	<20	<9.9	2,2,4-Trimethylpentane	<26	<5.5
F-114	<3.8	<0.55	Methyl methacrylate	<23	<5.5
Vinyl chloride	<1.4	<0.55	Heptane	<23	<5.5
1,3-Butadiene	<0.24	<0.11	Bromodichloromethane	<0.37	<0.055
Butane	<26	<11	Trichloroethene	200	37
Bromomethane	<13	<3.3	cis-1,3-Dichloropropene	<2.5	<0.55
Chloroethane	<15	<5.5	4-Methyl-2-pentanone	<23	<5.5
Vinyl bromide	<2.4	<0.55	trans-1,3-Dichloropropene	<2.5	<0.55
Ethanol	<41	<22	Toluene	<100	<27
Acrolein	<0.63	<0.28	1,1,2-Trichloroethane	<0.3	<0.055
Pentane	<16	<5.5	2-Hexanone	<23	<5.5
Trichlorofluoromethane	<12	<2.2	Tetrachloroethene	<37	<5.5
Acetone	<26	<11	Dibromochloromethane	<0.47	<0.055
2-Propanol	<47	<19	1,2-Dibromoethane (EDB)	<0.42	<0.055
1,1-Dichloroethene	<2.2	<0.55	Chlorobenzene	<2.5	<0.55
trans-1,2-Dichloroethene	<2.2	<0.55	Ethylbenzene	<2.4	<0.55
Methylene chloride	<190	<55	1,1,2,2-Tetrachloroethane	<0.76	<0.11
t-Butyl alcohol (TBA)	<67	<22	Nonane	<29	<5.5
3-Chloropropene	<8.6	<2.7	Isopropylbenzene	<14	<2.7
CFC-113	<4.2	<0.55	2-Chlorotoluene	<28	<5.5
Carbon disulfide	<34	<11	Propylbenzene	<14	<2.7
Methyl t-butyl ether (MTBE)	<9.9	<2.7	4-Ethyltoluene	<14	<2.7
Vinyl acetate	<39	<11	m,p-Xylene	<4.8	<1.1
1,1-Dichloroethane	<2.2	<0.55	o-Xylene	<2.4	<0.55
cis-1,2-Dichloroethene	<2.2	<0.55	Styrene	<4.7	<1.1
Hexane	<19	<5.5	Bromoform	<11	<1.1
Chloroform	<0.27	<0.055	Benzyl chloride	<0.28	<0.055
Ethyl acetate	<40	<11	1,3,5-Trimethylbenzene	<14	<2.7
Tetrahydrofuran	<3.2	<1.1	1,2,4-Trimethylbenzene	<14	<2.7
2-Butanone (MEK)	<16	<5.5	1,3-Dichlorobenzene	<3.3	<0.55
1,2-Dichloroethane (EDC)	<0.22	<0.055	1,4-Dichlorobenzene	<1.3	<0.21
1,1,1-Trichloroethane	<3	<0.55	1,2-Dichlorobenzene	<3.3	<0.55
Carbon tetrachloride	<1.7	<0.28	1,2,4-Trichlorobenzene	<4.1	<0.55
Benzene	<1.8	<0.55	Naphthalene	<1.4	<0.28
Cyclohexane	<38	<11	Hexachlorobutadiene	<1.2	<0.11

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	TRC Environmental
Date Received:	Not Applicable	Project:	015354.0010, F&BI 203085
Date Collected:	Not Applicable	Lab ID:	02-0457 MB
Date Analyzed:	03/09/22	Data File:	030914.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	88	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Propene	<1.2	<0.7	1,2-Dichloropropane	<0.23	<0.05
Dichlorodifluoromethane	<0.49	<0.1	1,4-Dioxane	<0.36	<0.1
Chloromethane	<3.7	<1.8	2,2,4-Trimethylpentane	<4.7	<1
F-114	<0.7	<0.1	Methyl methacrylate	<4.1	<1
Vinyl chloride	<0.26	<0.1	Heptane	<4.1	<1
1,3-Butadiene	<0.044	<0.02	Bromodichloromethane	<0.067	<0.01
Butane	<4.8	<2	Trichloroethene	<0.11	<0.02
Bromomethane	<2.3	<0.6	cis-1,3-Dichloropropene	<0.45	<0.1
Chloroethane	<2.6	<1	4-Methyl-2-pentanone	<4.1	<1
Vinyl bromide	<0.44	<0.1	trans-1,3-Dichloropropene	<0.45	<0.1
Ethanol	<7.5	<4	Toluene	<19	<5
Acrolein	<0.11	<0.05	1,1,2-Trichloroethane	<0.055	<0.01
Pentane	<3	<1	2-Hexanone	<4.1	<1
Trichlorofluoromethane	<2.2	<0.4	Tetrachloroethene	<6.8	<1
Acetone	<4.8	<2	Dibromochloromethane	<0.085	<0.01
2-Propanol	<8.6	<3.5	1,2-Dibromoethane (EDB)	<0.077	<0.01
1,1-Dichloroethene	<0.4	<0.1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Methylene chloride	<35	<10	1,1,2,2-Tetrachloroethane	<0.14	<0.02
t-Butyl alcohol (TBA)	<12	<4	Nonane	<5.2	<1
3-Chloropropene	<1.6	<0.5	Isopropylbenzene	<2.5	<0.5
CFC-113	<0.77	<0.1	2-Chlorotoluene	<5.2	<1
Carbon disulfide	<6.2	<2	Propylbenzene	<2.5	<0.5
Methyl t-butyl ether (MTBE)	<1.8	<0.5	4-Ethyltoluene	<2.5	<0.5
Vinyl acetate	<7	<2	m,p-Xylene	<0.87	<0.2
1,1-Dichloroethane	<0.4	<0.1	o-Xylene	<0.43	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1	Styrene	<0.85	<0.2
Hexane	<3.5	<1	Bromoform	<2.1	<0.2
Chloroform	<0.049	<0.01	Benzyl chloride	<0.052	<0.01
Ethyl acetate	<7.2	<2	1,3,5-Trimethylbenzene	<2.5	<0.5
Tetrahydrofuran	<0.59	<0.2	1,2,4-Trimethylbenzene	<2.5	<0.5
2-Butanone (MEK)	<2.9	<1	1,3-Dichlorobenzene	<0.6	<0.1
1,2-Dichloroethane (EDC)	<0.04	<0.01	1,4-Dichlorobenzene	<0.23	<0.038
1,1,1-Trichloroethane	<0.55	<0.1	1,2-Dichlorobenzene	<0.6	<0.1
Carbon tetrachloride	<0.31	<0.05	1,2,4-Trichlorobenzene	<0.74	<0.1
Benzene	<0.32	<0.1	Naphthalene	<0.26	<0.05
Cyclohexane	<6.9	<2	Hexachlorobutadiene	<0.21	<0.02

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Laboratory Code: 203085-03 (Duplicate)

Analyte	Sample Result (%)	Duplicate Result (%)	Relative Percent Difference	Acceptance Criteria
Helium	<0.6	<0.6	nm	0-20

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 203054-01 1/5.9 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Propene	ug/m3	<7.1	<7.1	nm
Dichlorodifluoromethane	ug/m3	<2.9	<2.9	nm
Chloromethane	ug/m3	<22	<22	nm
F-114	ug/m3	<4.1	<4.1	nm
Vinyl chloride	ug/m3	<1.5	<1.5	nm
1,3-Butadiene	ug/m3	<0.26	<0.26	nm
Butane	ug/m3	<28	<28	nm
Bromomethane	ug/m3	<14	<14	nm
Chloroethane	ug/m3	<16	<16	nm
Vinyl bromide	ug/m3	<2.6	<2.6	nm
Ethanol	ug/m3	67	66	2
Acrolein	ug/m3	<0.68	<0.68	nm
Pentane	ug/m3	<17	<17	nm
Trichlorofluoromethane	ug/m3	<13	<13	nm
Acetone	ug/m3	<28	<28	nm
2-Propanol	ug/m3	<51	<51	nm
1,1-Dichloroethene	ug/m3	<2.3	<2.3	nm
trans-1,2-Dichloroethene	ug/m3	<2.3	<2.3	nm
Methylene chloride	ug/m3	<200	<200	nm
t-Butyl alcohol (TBA)	ug/m3	<72	<72	nm
3-Chloropropene	ug/m3	<9.2	<9.2	nm
CFC-113	ug/m3	<4.5	<4.5	nm
Carbon disulfide	ug/m3	<37	<37	nm
Methyl t-butyl ether (MTBE)	ug/m3	<11	<11	nm
Vinyl acetate	ug/m3	<42	<42	nm
1,1-Dichloroethane	ug/m3	<2.4	<2.4	nm
cis-1,2-Dichloroethene	ug/m3	<2.3	<2.3	nm
Hexane	ug/m3	<21	<21	nm
Chloroform	ug/m3	0.29	0.29	0
Ethyl acetate	ug/m3	<43	<43	nm
Tetrahydrofuran	ug/m3	<3.5	<3.5	nm
2-Butanone (MEK)	ug/m3	<17	<17	nm
1,2-Dichloroethane (EDC)	ug/m3	<0.24	<0.24	nm
1,1,1-Trichloroethane	ug/m3	<3.2	<3.2	nm
Carbon tetrachloride	ug/m3	<1.9	<1.9	nm
Benzene	ug/m3	<1.9	<1.9	nm
Cyclohexane	ug/m3	<41	<41	nm
1,2-Dichloropropane	ug/m3	<1.4	<1.4	nm
1,4-Dioxane	ug/m3	<2.1	<2.1	nm
2,2,4-Trimethylpentane	ug/m3	<28	<28	nm

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 203054-01 1/5.9 (Duplicate) (continued)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Methyl methacrylate	ug/m3	<24	<24	nm
Heptane	ug/m3	<24	<24	nm
Bromodichloromethane	ug/m3	<0.4	<0.4	nm
Trichloroethene	ug/m3	<0.63	<0.63	nm
cis-1,3-Dichloropropene	ug/m3	<2.7	<2.7	nm
4-Methyl-2-pentanone	ug/m3	<24	<24	nm
trans-1,3-Dichloropropene	ug/m3	<2.7	<2.7	nm
Toluene	ug/m3	<110	<110	nm
1,1,2-Trichloroethane	ug/m3	<0.32	<0.32	nm
2-Hexanone	ug/m3	<24	<24	nm
Tetrachloroethene	ug/m3	<40	<40	nm
Dibromochloromethane	ug/m3	<0.5	<0.5	nm
1,2-Dibromoethane (EDB)	ug/m3	<0.45	<0.45	nm
Chlorobenzene	ug/m3	<2.7	<2.7	nm
Ethylbenzene	ug/m3	<2.6	<2.6	nm
1,1,2,2-Tetrachloroethane	ug/m3	<0.81	<0.81	nm
Nonane	ug/m3	<31	<31	nm
Isopropylbenzene	ug/m3	<15	<15	nm
2-Chlorotoluene	ug/m3	<31	<31	nm
Propylbenzene	ug/m3	<15	<15	nm
4-Ethyltoluene	ug/m3	<15	<15	nm
m,p-Xylene	ug/m3	<5.1	<5.1	nm
o-Xylene	ug/m3	<2.6	<2.6	nm
Styrene	ug/m3	<5	<5	nm
Bromoform	ug/m3	<12	<12	nm
Benzyl chloride	ug/m3	<0.31	<0.31	nm
1,3,5-Trimethylbenzene	ug/m3	<15	<15	nm
1,2,4-Trimethylbenzene	ug/m3	<15	<15	nm
1,3-Dichlorobenzene	ug/m3	<3.5	<3.5	nm
1,4-Dichlorobenzene	ug/m3	<1.3	<1.3	nm
1,2-Dichlorobenzene	ug/m3	<3.5	<3.5	nm
1,2,4-Trichlorobenzene	ug/m3	<4.4	<4.4	nm
Naphthalene	ug/m3	<1.5	<1.5	nm
Hexachlorobutadiene	ug/m3	<1.3	<1.3	nm

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Propene	ug/m3	23	105	70-130
Dichlorodifluoromethane	ug/m3	67	97	70-130
Chloromethane	ug/m3	28	98	70-130
F-114	ug/m3	94	102	70-130
Vinyl chloride	ug/m3	35	86	70-130
1,3-Butadiene	ug/m3	30	92	70-130
Butane	ug/m3	32	89	70-130
Bromomethane	ug/m3	52	109	70-130
Chloroethane	ug/m3	36	96	70-130
Vinyl bromide	ug/m3	59	96	70-130
Ethanol	ug/m3	25	113	70-130
Acrolein	ug/m3	31	99	70-130
Pentane	ug/m3	40	101	70-130
Trichlorofluoromethane	ug/m3	76	109	70-130
Acetone	ug/m3	32	90	70-130
2-Propanol	ug/m3	33	94	70-130
1,1-Dichloroethene	ug/m3	54	94	70-130
trans-1,2-Dichloroethene	ug/m3	54	96	70-130
Methylene chloride	ug/m3	94	86	70-130
t-Butyl alcohol (TBA)	ug/m3	41	103	70-130
3-Chloropropene	ug/m3	42	88	70-130
CFC-113	ug/m3	100	102	70-130
Carbon disulfide	ug/m3	42	92	70-130
Methyl t-butyl ether (MTBE)	ug/m3	49	88	70-130
Vinyl acetate	ug/m3	48	95	70-130
1,1-Dichloroethane	ug/m3	55	99	70-130
cis-1,2-Dichloroethene	ug/m3	54	95	70-130
Hexane	ug/m3	48	101	70-130
Chloroform	ug/m3	66	101	70-130
Ethyl acetate	ug/m3	49	95	70-130
Tetrahydrofuran	ug/m3	40	86	70-130
2-Butanone (MEK)	ug/m3	40	108	70-130
1,2-Dichloroethane (EDC)	ug/m3	55	101	70-130
1,1,1-Trichloroethane	ug/m3	74	105	70-130
Carbon tetrachloride	ug/m3	85	104	70-130
Benzene	ug/m3	43	97	70-130
Cyclohexane	ug/m3	46	93	70-130
1,2-Dichloropropane	ug/m3	62	92	70-130
1,4-Dioxane	ug/m3	49	96	70-130
2,2,4-Trimethylpentane	ug/m3	63	87	70-130

Date of Report: 03/17/22
Date Received: 03/04/22
Project: 015354.0010-Washington Industries, F&BI 203085

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample (continued)

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Methyl methacrylate	ug/m3	55	88	70-130
Heptane	ug/m3	55	82	70-130
Bromodichloromethane	ug/m3	90	99	70-130
Trichloroethene	ug/m3	73	95	70-130
cis-1,3-Dichloropropene	ug/m3	61	91	70-130
4-Methyl-2-pentanone	ug/m3	55	96	70-130
trans-1,3-Dichloropropene	ug/m3	61	94	70-130
Toluene	ug/m3	51	91	70-130
1,1,2-Trichloroethane	ug/m3	74	99	70-130
2-Hexanone	ug/m3	55	84	70-130
Tetrachloroethene	ug/m3	92	103	70-130
Dibromochloromethane	ug/m3	120	101	70-130
1,2-Dibromoethane (EDB)	ug/m3	100	99	70-130
Chlorobenzene	ug/m3	62	104	70-130
Ethylbenzene	ug/m3	59	92	70-130
1,1,2,2-Tetrachloroethane	ug/m3	93	100	70-130
Nonane	ug/m3	71	94	70-130
Isopropylbenzene	ug/m3	66	95	70-130
2-Chlorotoluene	ug/m3	70	100	70-130
Propylbenzene	ug/m3	66	98	70-130
4-Ethyltoluene	ug/m3	66	95	70-130
m,p-Xylene	ug/m3	120	92	70-130
o-Xylene	ug/m3	59	98	70-130
Styrene	ug/m3	58	97	70-130
Bromoform	ug/m3	140	115	70-130
Benzyl chloride	ug/m3	70	104	70-130
1,3,5-Trimethylbenzene	ug/m3	66	100	70-130
1,2,4-Trimethylbenzene	ug/m3	66	96	70-130
1,3-Dichlorobenzene	ug/m3	81	108	70-130
1,4-Dichlorobenzene	ug/m3	81	102	70-130
1,2-Dichlorobenzene	ug/m3	81	104	70-130
1,2,4-Trichlorobenzene	ug/m3	100	97	70-130
Naphthalene	ug/m3	71	102	70-130
Hexachlorobutadiene	ug/m3	140	109	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

203085

SAMPLE CHAIN OF CUSTODY

Report To Mariem Esparra

Company TRC

Address 1180 NW Maple St, Suite 310

City, State, ZIP Issaquah, WA 98027

Phone (425) 395-0049 Email MEsparra@trccompanies.com STrimble@trccompanies.com CMoon@trccompanies.com

SAMPLERS (signature) 03.04.22

PROJECT NAME & ADDRESS: 015354.0010 - Washington Industries

PO #

NOTES: Perine Property

INVOICE TO

Page # 1 of 1

TURNAROUND TIME
- [x] Standard
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Default: Clean after 3 days
- [ ] Archive (Fee may apply)

SAMPLE INFORMATION										ANALYSIS REQUESTED						
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium		Notes
VS-9	01	3671	307	IA / (SG)	3/3/22	30	1003	5	1007	X				X		
VS-10 4	02	8535	280	IA / (SG)	3/3/22	29.5	1053	5	1058	X				X		
VS-11 5	03	8528	255	IA / (SG)	3/3/22	30	1129	5	1134	X				X		
per ME 3/18/22 ME				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	NATE DORFNER	TRC	3/4/22	0630
Received by:	Michael Eckl	FCBm	3/4/22	0630
Relinquished by:				
Received by:				

Samples received at 17°C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

March 14, 2022

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

Dear Ms. Esparra,

On March 3rd, 18 samples were received by our laboratory and assigned our laboratory project number EV22030025. The project was identified as your 015354.0010 - Washington Industries. The sample identification and requested analyses are outlined on the attached chain of custody record.

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

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

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:00:00 PM
CLIENT SAMPLE ID	B-71:3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/08/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/08/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-01
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:00:00 PM
CLIENT SAMPLE ID	B-71:3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/08/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**90.2**	03/08/2022	DLC
4-Bromofluorobenzene	EPA-8260	**96.6**	03/08/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:15:00 PM
CLIENT SAMPLE ID	B-71:4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/08/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/08/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-02
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:15:00 PM
CLIENT SAMPLE ID	B-71:4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/08/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**88.1**	03/08/2022	DLC
4-Bromofluorobenzene	EPA-8260	**99.0**	03/08/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-03
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:20:00 PM
CLIENT SAMPLE ID	B-71:5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/08/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichloroethene	EPA-8260	**0.014**	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/08/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-03
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:20:00 PM
CLIENT SAMPLE ID	B-71:5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/08/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**90.5**	03/08/2022	DLC
4-Bromofluorobenzene	EPA-8260	**96.9**	03/08/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:45:00 PM
CLIENT SAMPLE ID	B-72:3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/08/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/08/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-04
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:45:00 PM
CLIENT SAMPLE ID	B-72:3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/08/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**89.4**	03/08/2022	DLC
4-Bromofluorobenzene	EPA-8260	**90.9**	03/08/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-05
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:55:00 PM
CLIENT SAMPLE ID	B-72:4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/08/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trichloroethene	EPA-8260	**0.030**	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/08/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-05
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 1:55:00 PM
CLIENT SAMPLE ID	B-72:4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/08/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/08/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**92.8**	03/08/2022	DLC
4-Bromofluorobenzene	EPA-8260	**97.6**	03/08/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-06
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 2:05:00 PM
CLIENT SAMPLE ID	B-72:5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	**0.011**	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-06
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 2:05:00 PM
CLIENT SAMPLE ID	B-72:5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**107**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**114**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-07
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:20:00 PM
CLIENT SAMPLE ID	B-73:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-07
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:20:00 PM
CLIENT SAMPLE ID	B-73:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**98.5**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-08
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:35:00 PM
CLIENT SAMPLE ID	B-73:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-08
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:35:00 PM
CLIENT SAMPLE ID	B-73:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**103**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**105**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-09
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:40:00 PM
CLIENT SAMPLE ID	B-73:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-09
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/1/2022 3:40:00 PM
CLIENT SAMPLE ID	B-73:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**96.5**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-10
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:40:00 AM
CLIENT SAMPLE ID	B-74:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	**0.027**	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-10
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:40:00 AM
CLIENT SAMPLE ID	B-74:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**103**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**111**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:45:00 AM
CLIENT SAMPLE ID	B-74:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-11
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:45:00 AM
CLIENT SAMPLE ID	B-74:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**99.3**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:50:00 AM
CLIENT SAMPLE ID	B-74:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-12
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 8:50:00 AM
CLIENT SAMPLE ID	B-74:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**94.4**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**100**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-13
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:05:00 AM
CLIENT SAMPLE ID	B-75:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trichloroethene	EPA-8260	**0.013**	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-13
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:05:00 AM
CLIENT SAMPLE ID	B-75:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/09/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**101**	03/09/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	03/09/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-14
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:10:00 AM
CLIENT SAMPLE ID	B-75:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/11/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/11/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-14
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:10:00 AM
CLIENT SAMPLE ID	B-75:11.5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/11/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**93.1**	03/11/2022	DLC
4-Bromofluorobenzene	EPA-8260	**95.2**	03/11/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:15:00 AM
CLIENT SAMPLE ID	B-75:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/10/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-15
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:15:00 AM
CLIENT SAMPLE ID	B-75:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/10/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**91.5**	03/10/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	03/10/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-16
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:40:00 AM
CLIENT SAMPLE ID	B-76:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/11/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/11/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-16
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:40:00 AM
CLIENT SAMPLE ID	B-76:10	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/11/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**92.6**	03/11/2022	DLC
4-Bromofluorobenzene	EPA-8260	**99.1**	03/11/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-17
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:45:00 AM
CLIENT SAMPLE ID	B-76:12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/11/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/11/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-17
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:45:00 AM
CLIENT SAMPLE ID	B-76:12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/11/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**92.0**	03/11/2022	DLC
4-Bromofluorobenzene	EPA-8260	**98.6**	03/11/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-18
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:50:00 AM
CLIENT SAMPLE ID	B-76:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Vinyl Chloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Carbon Tetrachloride	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichlorofluoromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Methylene Chloride	EPA-8260	U	0.020	1	MG/KG	03/11/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Chloroform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trichloroethene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromomethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromodichloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Tetrachloroethylene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Dibromochloromethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.0050	1	MG/KG	03/11/2022	DLC
Chlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromoform	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Bromobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
2-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
4-Chlorotoluene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

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: ALS JOB#: ALS SAMPLE#:	3/14/2022 EV22030025 EV22030025-18
CLIENT CONTACT:	Mariem Esparra	DATE RECEIVED:	03/03/2022
CLIENT PROJECT:	015354.0010 - Washington Industries	COLLECTION DATE:	3/2/2022 9:50:00 AM
CLIENT SAMPLE ID	B-76:13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	0.050	1	MG/KG	03/11/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
Hexachlorobutadiene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	0.010	1	MG/KG	03/11/2022	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**91.1**	03/11/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	03/11/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-030722S - Batch 176166 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Chloromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Vinyl Chloride	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Bromomethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Chloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Methylene Chloride	EPA-8260	U	MG/KG	0.020	03/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Bromochloromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Chloroform	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Trichloroethene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Dibromomethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Bromodichloromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Dibromochloromethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	MG/KG	0.0050	03/07/2022	DLC
Chlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Bromoform	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Bromobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-030722S - Batch 176166 - Soil by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	MG/KG	0.050	03/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/07/2022	DLC

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

MB-030922S - Batch 176194 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Chloromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Vinyl Chloride	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Bromomethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Chloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Carbon Tetrachloride	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Trichlorofluoromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Methylene Chloride	EPA-8260	U	MG/KG	0.020	03/09/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
2,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Bromochloromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Chloroform	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Trichloroethene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Dibromomethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Bromodichloromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,3-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Tetrachloroethylene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Dibromochloromethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2-Dibromoethane	EPA-8260	U	MG/KG	0.0050	03/09/2022	DLC
Chlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC

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: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY BLANK RESULTS

MB-030922S - Batch 176194 - Soil by EPA-8260

Bromoform	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Bromobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
2-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
4-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	MG/KG	0.050	03/09/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
Hexachlorobutadiene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/09/2022	DLC

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

MB-031022S - Batch 176280 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Chloromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Vinyl Chloride	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Bromomethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Chloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Methylene Chloride	EPA-8260	U	MG/KG	0.020	03/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Bromochloromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Chloroform	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Trichloroethene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Dibromomethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Bromodichloromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY BLANK RESULTS

MB-031022S - Batch 176280 - Soil by EPA-8260

Cis-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Dibromochloromethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	MG/KG	0.0050	03/10/2022	DLC
Chlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Bromoform	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Bromobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	MG/KG	0.050	03/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/10/2022	DLC

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

MB-031122S - Batch 176318 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Chloromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Vinyl Chloride	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Bromomethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Chloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Carbon Tetrachloride	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Trichlorofluoromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Methylene Chloride	EPA-8260	U	MG/KG	0.020	03/11/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
2,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Bromochloromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Chloroform	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY BLANK RESULTS

MB-031122S - Batch 176318 - Soil by EPA-8260

1,1,1-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2-Dichloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Trichloroethene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Dibromomethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Bromodichloromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,3-Dichloropropane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Tetrachloroethylene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Dibromochloromethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2-Dibromoethane	EPA-8260	U	MG/KG	0.0050	03/11/2022	DLC
Chlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Bromoform	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Bromobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
2-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
4-Chlorotoluene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	MG/KG	0.050	03/11/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
Hexachlorobutadiene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	MG/KG	0.010	03/11/2022	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 176166 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**89.2**			50	150	03/07/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**86.9**	**3**		50	150	03/07/2022	DLC
Chloromethane - BS	EPA-8260	**88.0**			50	150	03/07/2022	DLC
Chloromethane - BSD	EPA-8260	**90.0**	**2**		50	150	03/07/2022	DLC
Vinyl Chloride - BS	EPA-8260	**96.7**			50	150	03/07/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**97.6**	**1**		50	150	03/07/2022	DLC
Bromomethane - BS	EPA-8260	**82.5**			50	150	03/07/2022	DLC
Bromomethane - BSD	EPA-8260	**84.9**	**3**		50	150	03/07/2022	DLC
Chloroethane - BS	EPA-8260	**90.0**			50	150	03/07/2022	DLC
Chloroethane - BSD	EPA-8260	**92.0**	**2**		50	150	03/07/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**86.9**			50	150	03/07/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**87.1**	**0**		50	150	03/07/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**96.5**			50	150	03/07/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**98.3**	**2**		50	150	03/07/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**94.3**			70	130	03/07/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**96.0**	**2**		70	130	03/07/2022	DLC
Methylene Chloride - BS	EPA-8260	**126**			50	150	03/07/2022	DLC
Methylene Chloride - BSD	EPA-8260	**128**	**2**		50	150	03/07/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.6**			50	150	03/07/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**98.8**	**4**		50	150	03/07/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**96.4**			50	150	03/07/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**97.5**	**1**		50	150	03/07/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**95.4**			50	150	03/07/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**97.9**	**3**		50	150	03/07/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**92.1**			50	150	03/07/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**94.4**	**2**		50	150	03/07/2022	DLC
Bromochloromethane - BS	EPA-8260	**95.7**			50	150	03/07/2022	DLC
Bromochloromethane - BSD	EPA-8260	**97.1**	**2**		50	150	03/07/2022	DLC
Chloroform - BS	EPA-8260	**89.6**			50	150	03/07/2022	DLC
Chloroform - BSD	EPA-8260	**91.2**	**2**		50	150	03/07/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**101**			50	150	03/07/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**102**	**1**		50	150	03/07/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**91.5**			50	150	03/07/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**92.0**	**1**		50	150	03/07/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**100**			50	150	03/07/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**97.8**	**2**		50	150	03/07/2022	DLC
Trichloroethene - BS	EPA-8260	**121**			75	136	03/07/2022	DLC
Trichloroethene - BSD	EPA-8260	**119**	**2**		75	136	03/07/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**103**			50	150	03/07/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloropropane - BSD	EPA-8260	**99.9**	**3**		50	150	03/07/2022	DLC
Dibromomethane - BS	EPA-8260	**95.3**			50	150	03/07/2022	DLC
Dibromomethane - BSD	EPA-8260	**97.8**	**3**		50	150	03/07/2022	DLC
Bromodichloromethane - BS	EPA-8260	**104**			50	150	03/07/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**104**	**1**		50	150	03/07/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**105**			50	150	03/07/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**104**	**1**		50	150	03/07/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	03/07/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**103**	**2**		50	150	03/07/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**106**			50	150	03/07/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**107**	**1**		50	150	03/07/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**107**			50	150	03/07/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**104**	**3**		50	150	03/07/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**111**			50	150	03/07/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**107**	**3**		50	150	03/07/2022	DLC
Dibromochloromethane - BS	EPA-8260	**97.4**			50	150	03/07/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**95.5**	**2**		50	150	03/07/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**113**			50	150	03/07/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**112**	**1**		50	150	03/07/2022	DLC
Chlorobenzene - BS	EPA-8260	**106**			79	128	03/07/2022	DLC
Chlorobenzene - BSD	EPA-8260	**105**	**0**		79	128	03/07/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**90.1**			50	150	03/07/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**88.7**	**2**		50	150	03/07/2022	DLC
Bromoform - BS	EPA-8260	**101**			50	150	03/07/2022	DLC
Bromoform - BSD	EPA-8260	**102**	**1**		50	150	03/07/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**103**			50	150	03/07/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**101**	**2**		50	150	03/07/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**102**			50	150	03/07/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**99.9**	**2**		50	150	03/07/2022	DLC
Bromobenzene - BS	EPA-8260	**96.0**			50	150	03/07/2022	DLC
Bromobenzene - BSD	EPA-8260	**95.2**	**1**		50	150	03/07/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**92.9**			50	150	03/07/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**89.6**	**4**		50	150	03/07/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**97.2**			50	150	03/07/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**94.0**	**3**		50	150	03/07/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**103**			50	150	03/07/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.9**	**4**		50	150	03/07/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**98.4**			50	150	03/07/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**97.7**	**1**		50	150	03/07/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**104**			50	150	03/07/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene - BSD	EPA-8260	**98.6**	**5**		50	150	03/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**97.0**			50	150	03/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**96.6**	**0**		50	150	03/07/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**95.1**			50	150	03/07/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**90.1**	**5**		50	150	03/07/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**103**			50	150	03/07/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**96.2**	**6**		50	150	03/07/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**94.1**			50	150	03/07/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**89.9**	**5**		50	150	03/07/2022	DLC

ALS Test Batch ID: 176194 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**114**			50	150	03/09/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**100**	**13**		50	150	03/09/2022	DLC
Chloromethane - BS	EPA-8260	**98.9**			50	150	03/09/2022	DLC
Chloromethane - BSD	EPA-8260	**99.3**	**0**		50	150	03/09/2022	DLC
Vinyl Chloride - BS	EPA-8260	**106**			50	150	03/09/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**105**	**1**		50	150	03/09/2022	DLC
Bromomethane - BS	EPA-8260	**88.6**			50	150	03/09/2022	DLC
Bromomethane - BSD	EPA-8260	**91.6**	**3**		50	150	03/09/2022	DLC
Chloroethane - BS	EPA-8260	**101**			50	150	03/09/2022	DLC
Chloroethane - BSD	EPA-8260	**96.7**	**4**		50	150	03/09/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**84.4**			50	150	03/09/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**89.3**	**6**		50	150	03/09/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**110**			50	150	03/09/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**102**	**8**		50	150	03/09/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**107**			70	130	03/09/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**100**	**7**		70	130	03/09/2022	DLC
Methylene Chloride - BS	EPA-8260	**57.1**			50	150	03/09/2022	DLC
Methylene Chloride - BSD	EPA-8260	**56.6**	**1**		50	150	03/09/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**99.3**			50	150	03/09/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**99.0**	**0**		50	150	03/09/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**102**			50	150	03/09/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**102**	**0**		50	150	03/09/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**95.8**			50	150	03/09/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**99.6**	**4**		50	150	03/09/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**104**			50	150	03/09/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**102**	**2**		50	150	03/09/2022	DLC
Bromochloromethane - BS	EPA-8260	**97.0**			50	150	03/09/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Bromochloromethane - BSD	EPA-8260	**96.7**	**0**		50	150	03/09/2022	DLC
Chloroform - BS	EPA-8260	**92.1**			50	150	03/09/2022	DLC
Chloroform - BSD	EPA-8260	**92.6**	**0**		50	150	03/09/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**103**			50	150	03/09/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**103**	**0**		50	150	03/09/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**95.8**			50	150	03/09/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**97.7**	**2**		50	150	03/09/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**102**			50	150	03/09/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**99.9**	**2**		50	150	03/09/2022	DLC
Trichloroethene - BS	EPA-8260	**104**			75	136	03/09/2022	DLC
Trichloroethene - BSD	EPA-8260	**101**	**3**		75	136	03/09/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**105**			50	150	03/09/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**104**	**1**		50	150	03/09/2022	DLC
Dibromomethane - BS	EPA-8260	**93.1**			50	150	03/09/2022	DLC
Dibromomethane - BSD	EPA-8260	**94.2**	**1**		50	150	03/09/2022	DLC
Bromodichloromethane - BS	EPA-8260	**103**			50	150	03/09/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**105**	**2**		50	150	03/09/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**102**			50	150	03/09/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**104**	**2**		50	150	03/09/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**105**			50	150	03/09/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**106**	**1**		50	150	03/09/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**98.3**			50	150	03/09/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**104**	**6**		50	150	03/09/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**99.1**			50	150	03/09/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**106**	**7**		50	150	03/09/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**98.0**			50	150	03/09/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**98.5**	**1**		50	150	03/09/2022	DLC
Dibromochloromethane - BS	EPA-8260	**86.6**			50	150	03/09/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**90.5**	**4**		50	150	03/09/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	03/09/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**108**	**5**		50	150	03/09/2022	DLC
Chlorobenzene - BS	EPA-8260	**96.6**			79	128	03/09/2022	DLC
Chlorobenzene - BSD	EPA-8260	**98.3**	**2**		79	128	03/09/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**82.5**			50	150	03/09/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**85.5**	**4**		50	150	03/09/2022	DLC
Bromoform - BS	EPA-8260	**88.2**			50	150	03/09/2022	DLC
Bromoform - BSD	EPA-8260	**94.2**	**7**		50	150	03/09/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**104**			50	150	03/09/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**107**	**2**		50	150	03/09/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**101**			50	150	03/09/2022	DLC

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: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2,3-Trichloropropane - BSD	EPA-8260	**100**	**1**		50	150	03/09/2022	DLC
Bromobenzene - BS	EPA-8260	**94.7**			50	150	03/09/2022	DLC
Bromobenzene - BSD	EPA-8260	**96.9**	**2**		50	150	03/09/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**93.0**			50	150	03/09/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**95.3**	**2**		50	150	03/09/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**101**			50	150	03/09/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**98.8**	**2**		50	150	03/09/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**99.0**			50	150	03/09/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.8**	**0**		50	150	03/09/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**96.4**			50	150	03/09/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**96.8**	**0**		50	150	03/09/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**99.4**			50	150	03/09/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**98.8**	**1**		50	150	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**106**			50	150	03/09/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**101**	**4**		50	150	03/09/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**91.7**			50	150	03/09/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**89.0**	**3**		50	150	03/09/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**98.5**			50	150	03/09/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**94.6**	**4**		50	150	03/09/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**87.3**			50	150	03/09/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**79.1**	**10**		50	150	03/09/2022	DLC

ALS Test Batch ID: 176280 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**81.8**			50	150	03/10/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**95.4**	**15**		50	150	03/10/2022	DLC
Chloromethane - BS	EPA-8260	**88.6**			50	150	03/10/2022	DLC
Chloromethane - BSD	EPA-8260	**101**	**13**		50	150	03/10/2022	DLC
Vinyl Chloride - BS	EPA-8260	**101**			50	150	03/10/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**104**	**2**		50	150	03/10/2022	DLC
Bromomethane - BS	EPA-8260	**91.4**			50	150	03/10/2022	DLC
Bromomethane - BSD	EPA-8260	**96.2**	**5**		50	150	03/10/2022	DLC
Chloroethane - BS	EPA-8260	**97.0**			50	150	03/10/2022	DLC
Chloroethane - BSD	EPA-8260	**104**	**7**		50	150	03/10/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**92.0**			50	150	03/10/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**88.1**	**4**		50	150	03/10/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**99.4**			50	150	03/10/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**102**	**3**		50	150	03/10/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**97.5**			70	130	03/10/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**102**	**4**		70	130	03/10/2022	DLC
Methylene Chloride - BS	EPA-8260	**88.2**			50	150	03/10/2022	DLC
Methylene Chloride - BSD	EPA-8260	**93.3**	**6**		50	150	03/10/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**102**			50	150	03/10/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**102**	**1**		50	150	03/10/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**101**			50	150	03/10/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**102**	**1**		50	150	03/10/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**105**			50	150	03/10/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**103**	**1**		50	150	03/10/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**111**			50	150	03/10/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**108**	**3**		50	150	03/10/2022	DLC
Bromochloromethane - BS	EPA-8260	**104**			50	150	03/10/2022	DLC
Bromochloromethane - BSD	EPA-8260	**105**	**1**		50	150	03/10/2022	DLC
Chloroform - BS	EPA-8260	**95.0**			50	150	03/10/2022	DLC
Chloroform - BSD	EPA-8260	**93.4**	**2**		50	150	03/10/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**109**			50	150	03/10/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**107**	**2**		50	150	03/10/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**105**			50	150	03/10/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**98.9**	**6**		50	150	03/10/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**94.7**			50	150	03/10/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**98.6**	**4**		50	150	03/10/2022	DLC
Trichloroethene - BS	EPA-8260	**102**			75	136	03/10/2022	DLC
Trichloroethene - BSD	EPA-8260	**103**	**1**		75	136	03/10/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**100**			50	150	03/10/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**106**	**5**		50	150	03/10/2022	DLC
Dibromomethane - BS	EPA-8260	**92.4**			50	150	03/10/2022	DLC
Dibromomethane - BSD	EPA-8260	**96.2**	**4**		50	150	03/10/2022	DLC
Bromodichloromethane - BS	EPA-8260	**100**			50	150	03/10/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**103**	**2**		50	150	03/10/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**100**			50	150	03/10/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**102**	**2**		50	150	03/10/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**105**			50	150	03/10/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**107**	**2**		50	150	03/10/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**97.2**			50	150	03/10/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**101**	**4**		50	150	03/10/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**99.6**			50	150	03/10/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**96.8**	**3**		50	150	03/10/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**103**			50	150	03/10/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**100**	**3**		50	150	03/10/2022	DLC
Dibromochloromethane - BS	EPA-8260	**88.7**			50	150	03/10/2022	DLC

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: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**87.9**	**1**		50	150	03/10/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**104**			50	150	03/10/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**104**	**0**		50	150	03/10/2022	DLC
Chlorobenzene - BS	EPA-8260	**104**			79	128	03/10/2022	DLC
Chlorobenzene - BSD	EPA-8260	**103**	**2**		79	128	03/10/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**86.0**			50	150	03/10/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**84.3**	**2**		50	150	03/10/2022	DLC
Bromoform - BS	EPA-8260	**96.6**			50	150	03/10/2022	DLC
Bromoform - BSD	EPA-8260	**95.3**	**1**		50	150	03/10/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**96.3**			50	150	03/10/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**99.7**	**4**		50	150	03/10/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**95.8**			50	150	03/10/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**98.0**	**2**		50	150	03/10/2022	DLC
Bromobenzene - BS	EPA-8260	**95.2**			50	150	03/10/2022	DLC
Bromobenzene - BSD	EPA-8260	**94.7**	**1**		50	150	03/10/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**91.9**			50	150	03/10/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**92.1**	**0**		50	150	03/10/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**94.8**			50	150	03/10/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**96.8**	**2**		50	150	03/10/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**102**			50	150	03/10/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**101**	**1**		50	150	03/10/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**99.7**			50	150	03/10/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**99.0**	**1**		50	150	03/10/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**104**			50	150	03/10/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**101**	**3**		50	150	03/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**91.2**			50	150	03/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**94.6**	**4**		50	150	03/10/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**94.6**			50	150	03/10/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**93.6**	**1**		50	150	03/10/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**101**			50	150	03/10/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**98.3**	**2**		50	150	03/10/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**94.4**			50	150	03/10/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**89.9**	**5**		50	150	03/10/2022	DLC

ALS Test Batch ID: 176318 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**87.0**			50	150	03/11/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**81.6**	**6**		50	150	03/11/2022	DLC
Chloromethane - BS	EPA-8260	**95.2**			50	150	03/11/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Chloromethane - BSD	EPA-8260	**95.1**	**0**		50	150	03/11/2022	DLC
Vinyl Chloride - BS	EPA-8260	**98.9**			50	150	03/11/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**92.6**	**7**		50	150	03/11/2022	DLC
Bromomethane - BS	EPA-8260	**93.1**			50	150	03/11/2022	DLC
Bromomethane - BSD	EPA-8260	**91.3**	**2**		50	150	03/11/2022	DLC
Chloroethane - BS	EPA-8260	**98.3**			50	150	03/11/2022	DLC
Chloroethane - BSD	EPA-8260	**94.9**	**4**		50	150	03/11/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**85.5**			50	150	03/11/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**89.1**	**4**		50	150	03/11/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**99.2**			50	150	03/11/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**96.7**	**3**		50	150	03/11/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**98.3**			70	130	03/11/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**96.2**	**2**		70	130	03/11/2022	DLC
Methylene Chloride - BS	EPA-8260	**67.7**			50	150	03/11/2022	DLC
Methylene Chloride - BSD	EPA-8260	**55.7**	**19**		50	150	03/11/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**101**			50	150	03/11/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**100**	**0**		50	150	03/11/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**98.5**			50	150	03/11/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**97.5**	**1**		50	150	03/11/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**97.3**			50	150	03/11/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**98.1**	**1**		50	150	03/11/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**103**			50	150	03/11/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**102**	**1**		50	150	03/11/2022	DLC
Bromochloromethane - BS	EPA-8260	**98.4**			50	150	03/11/2022	DLC
Bromochloromethane - BSD	EPA-8260	**99.1**	**1**		50	150	03/11/2022	DLC
Chloroform - BS	EPA-8260	**87.8**			50	150	03/11/2022	DLC
Chloroform - BSD	EPA-8260	**89.5**	**2**		50	150	03/11/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**102**			50	150	03/11/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**104**	**1**		50	150	03/11/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**96.6**			50	150	03/11/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**99.9**	**3**		50	150	03/11/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**96.4**			50	150	03/11/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**93.6**	**3**		50	150	03/11/2022	DLC
Trichloroethene - BS	EPA-8260	**104**			75	136	03/11/2022	DLC
Trichloroethene - BSD	EPA-8260	**101**	**2**		75	136	03/11/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**103**			50	150	03/11/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**102**	**1**		50	150	03/11/2022	DLC
Dibromomethane - BS	EPA-8260	**92.7**			50	150	03/11/2022	DLC
Dibromomethane - BSD	EPA-8260	**90.0**	**3**		50	150	03/11/2022	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	03/11/2022	DLC

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Mariem Esparra
CLIENT PROJECT: 015354.0010 - Washington Industries

DATE: 3/14/2022
ALS SDG#: EV22030025
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Bromodichloromethane - BSD	EPA-8260	**99.5**	**2**		50	150	03/11/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**96.9**			50	150	03/11/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**95.3**	**2**		50	150	03/11/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**102**			50	150	03/11/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**105**	**3**		50	150	03/11/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**98.3**			50	150	03/11/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**97.7**	**1**		50	150	03/11/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**96.6**			50	150	03/11/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**95.3**	**1**		50	150	03/11/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**102**			50	150	03/11/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**101**	**1**		50	150	03/11/2022	DLC
Dibromochloromethane - BS	EPA-8260	**86.0**			50	150	03/11/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**87.1**	**1**		50	150	03/11/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**103**			50	150	03/11/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**1**		50	150	03/11/2022	DLC
Chlorobenzene - BS	EPA-8260	**101**			79	128	03/11/2022	DLC
Chlorobenzene - BSD	EPA-8260	**103**	**1**		79	128	03/11/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**86.8**			50	150	03/11/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**85.0**	**2**		50	150	03/11/2022	DLC
Bromoform - BS	EPA-8260	**97.4**			50	150	03/11/2022	DLC
Bromoform - BSD	EPA-8260	**95.7**	**2**		50	150	03/11/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**96.1**			50	150	03/11/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**96.2**	**0**		50	150	03/11/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**93.5**			50	150	03/11/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**93.9**	**0**		50	150	03/11/2022	DLC
Bromobenzene - BS	EPA-8260	**90.7**			50	150	03/11/2022	DLC
Bromobenzene - BSD	EPA-8260	**91.8**	**1**		50	150	03/11/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**90.1**			50	150	03/11/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**89.1**	**1**		50	150	03/11/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**96.2**			50	150	03/11/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**95.7**	**1**		50	150	03/11/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**98.8**			50	150	03/11/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.4**	**0**		50	150	03/11/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**97.4**			50	150	03/11/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**96.3**	**1**		50	150	03/11/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**96.7**			50	150	03/11/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**99.9**	**3**		50	150	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**94.8**			50	150	03/11/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**95.2**	**0**		50	150	03/11/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**93.7**			50	150	03/11/2022	DLC

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:	3/14/2022
		ALS SDG#:	EV22030025
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Mariem Esparra		
CLIENT PROJECT:	015354.0010 - Washington Industries		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2,4-Trichlorobenzene - BSD	EPA-8260	**94.0**	**0**		50	150	03/11/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**97.5**			50	150	03/11/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**98.3**	**1**		50	150	03/11/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**93.4**			50	150	03/11/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**93.4**	**0**		50	150	03/11/2022	DLC

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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)

EV2203 0025

Date 3/2/22 Page 1 Of 2

PROJECT ID: 015354.0010 - Washington Industries
REPORT TO COMPANY: TRC
PROJECT MANAGER: Mariem Esparra
ADDRESS: 1180 NW Maple St, Suite 310
Issaquah, WA 98027
PHONE: (425) 395-0010 P.O. #:
E-MAIL: MEsparra@trccompanies.com
INVOICE TO COMPANY:
ATTENTION:
ADDRESS:
Note: Perine Property

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	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 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-71:3	3/1/22	1300	soil	1						X											4	
2. B-71:4		1315		2																	4	
3. B-71:5		1320		3																	4	
4. B-72:3		1345		4																	4	
5. B-72:4		1355		5																	4	
6. B-72:5		1405		6																	4	
7. B-73:10		1520		7																	4	
8. B-73:11.5		1535		8																	4	
9. B-73:13	↓	1540		9						↓											4	
10. B-74:10	3/2/22	0840	↓	10						X											4	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Aaron York TRC 3-3-22 2 0800
   Received By: ALS 3/3/22 1100
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

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

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2203 0025

Date 3/2/22 Page 2 Of 2

PROJECT ID: 015354.0010 (015354 - Washington Industries)
REPORT TO COMPANY: TRC
PROJECT MANAGER: Mariem Esparra
ADDRESS: 1180 NW Maple St, Suite 310
Issaquah, WA 98027
PHONE: (425) 395-0010 P.O. #:
E-MAIL: MEsparra@trccompanies.com
INVOICE TO COMPANY:
ATTENTION:
ADDRESS:
Note: Perine Property

	SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1.	B-74:11.5	3/2/22	0845	soil	11
2.	B-74:13		0850		12
3.	B-75:10		0905		13
4.	B-75:11.5		0910		14
5.	B-75:13		0915		15
6.	B-76:10		0940		16
7.	B-76:12		0945		17
8.	B-76:13		0950		18
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	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐
					X									
					X									

OTHER (Specify)

NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
4	
4	
4	
4	
4	
4	
4	
4	
4	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Austin York, TRC 3-3-22 0800 (smrt 2)
   Received By: [signature] ALS 3/3/22 1100
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify:

*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

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: ALS JOB#: ALS SAMPLE#:	12/9/2020 EV20110168 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

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: ALS JOB#: ALS SAMPLE#:	12/9/2020 EV20110168 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

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: ALS JOB#: ALS SAMPLE#:	12/9/2020 EV20110168 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.

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: ALS JOB#: ALS SAMPLE#:	12/9/2020 EV20110168 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE:	12/9/2020
		ALS SDG#:	EV20110168
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Sean Trimble		
CLIENT PROJECT:	015354		

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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

DATE: 12/9/2020
ALS SDG#: EV20110168
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 160209 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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): EV20110168

Date 11/25/20 Page 1 Of 1

PROJECT ID: 015354
REPORT TO COMPANY: TRC
PROJECT MANAGER: Sean Trimble
ADDRESS: 1180 NW Maple St, Suite 310
Issaquah, WA 98027
PHONE: 425-395-0010 P.O. #:
E-MAIL:
INVOICE TO COMPANY: TRC
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	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 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Cadmium, Zinc, Nickel	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	~~Cd~~ Hg 11/25/20	Cadmium						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-16	11/25/20	0917	GW	1														X								1	
2. MW-2	"	1043	GW	2																	X					1	
3. MW-4	"	1142	GW	3			X																			3	
4. MW-07	"	1218	GW	4			X																			3	
5.																											
6.																											
7.																											
8.																											
9.																											
10.																											

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Maureen Lane, TRC, 11/25/20 1258
   Received By: ALS 11-25-20 1258
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10) Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*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

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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

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: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120013 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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 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

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 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
1,1,2,2-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.

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

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

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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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

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

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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 MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

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

APPROVED BY

Laboratory Director

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

ALS Group USA, Corp dba ALS Environmental

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): EV20120013

Date 12/1/20 Page 1 Of 2

PROJECT ID: 015354
REPORT TO COMPANY: TRC
PROJECT MANAGER: Marlem Esparza
ADDRESS: 1180 NW Maple St. Suite 310
Issaquah WA 98027
PHONE: (425) 395-0010 P.O. #:
E-MAIL: Mesparza@TRCcompanies.com
INVOICE TO COMPANY: TRC
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	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 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐
1. MW-05s	11/30/20	1342	water	1			X																	Ca, Al, Zn					
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-29s	12/1/20	0912		9			X																						
10. MW-1	12/1/20	1125		10									X										X						

OTHER (Specify)

NUMBER OF CONTAINERS

RECEIVED IN GOOD CONDITION?

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Wesley Wesberg, TRC, 12/1/20 1505
   Received By: ALS 12-1-20 1505
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

EV2012013

SAMPLE CHAIN OF CUSTODY

Page # 2 of 2

Report To Marlene Esparza
Company TRC
Address 1180 NW Maple St. Suite 310
City, State, ZIP Issaquah WA 98027
Phone 425-395-0010 Email Mesparza@trcompanies.com

SAMPLERS (*signature*)

PROJECT NAME: WA Industries 015354

PO#

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
☒ Standard turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Cr VI	Total Cr	Metals		Notes
MW-8s	11	12/1/20	1140	water	3					X							
MW-11	12	"	1235	"	3					X							
SBW-3	13	"	1310	"	4					X			X				
SBW-2	14	"	1342	"	4					X			X				
MW3	15	"	1421	"	5					X			X	X	X		Metals → Cd Total Cr → Use from Cr VI bottle
MW-18	16	"	1456	"	~~4~~								X	X	X		Metals → Ni, Cd, Zn Total Cr → Please preserve from Cr VI Bottle
DUP-1	17	"	"	"	5					X			X	X	X		Metals → Cd Total Cr → Use from Cr VI bottle

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Wesley Westberg	TRC	12/1/20	1505
Received by:	Roger Barthel	ALS	12-1-20	1505
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

ALS

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120041 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 1180 NW Maple St, Suite 310 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	12/11/2020 EV20120041 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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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 CONTROL SAMPLE RESULTS

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

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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 CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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 CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

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 CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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): EV20120041

Date 12/3/20 Page 1 Of 1

PROJECT ID: 015354.0008 Phase 2
REPORT TO COMPANY: TRC
PROJECT MANAGER: Sean Trimble
ADDRESS: 1180 NW Maple St, Suite 310
Issaquah, WA 98027
PHONE: 425-395-0010 P.O. #:
E-MAIL: STrimble@trccompanies.com
INVOICE TO COMPANY: TRC
ATTENTION:
ADDRESS:

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; EDB / EDC by EPA 8260 SIM (water); EDB / EDC by EPA 8260 (soil); Semivolatile Organic Compounds by EPA 8270; Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM; PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐; Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐; Metals Other (Specify); TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	Volatile Organic Compounds by EPA 8260	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-15S	12/3/20	1128	water	1	X	2	
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: [signature], TRC, 12/3/20 1525
Received By: [signature] ALS 12-4-20 1135
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: ☒ 10 (Standard) ☐ 5 ☐ 3 ☐ 2 ☐ 1 ☐ SAME DAY
Fuels & Hydrocarbon Analysis: ☒ 5 (Standard) ☐ 3 ☐ 1 ☐ SAME DAY

OTHER:
Specify: Standard TAT

*Turnaround request less than standard may incur Rush Charges

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

December 22, 2022

Yusuf Pehlivan, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Pehlivan:

Included are the results from the testing of material submitted on December 12, 2022 from the Perine Property 820 South Adams St 2032-004, F&BI 212199 project. There are 10 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1222R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 12, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Perine Property 820 South Adams St 2032-004, F&BI 212199 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
212199 -01	IA-1-121122
212199 -02	IA-2-121122
212199 -03	AA-1-121122
212199 -04	IA-3-121122
212199 -05	VS-4-121122
212199 -06	VS-5-121122

All quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-1-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-01
Date Analyzed:	12/15/22	Data File:	121516.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	85	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<2.6	<1
1,1-Dichloroethene	<0.4	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	0.069	0.017
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	<0.11	<0.02
1,1,2-Trichloroethane	<0.055	<0.01
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-2-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-02
Date Analyzed:	12/15/22	Data File:	121517.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	86	70	130

Compounds:	Concentration ug/m3	Concentration ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<2.6	<1
1,1-Dichloroethene	<0.4	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	0.065	0.016
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	<0.11	<0.02
1,1,2-Trichloroethane	<0.055	<0.01
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	AA-1-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-03
Date Analyzed:	12/15/22	Data File:	121515.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	84	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<2.6	<1
1,1-Dichloroethene	<0.4	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	0.049	0.012
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	<0.11	<0.02
1,1,2-Trichloroethane	<0.055	<0.01
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-3-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-04
Date Analyzed:	12/15/22	Data File:	121518.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	82	70	130

Compounds:	Concentration ug/m3	Concentration ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<2.6	<1
1,1-Dichloroethene	<0.4	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	0.057	0.014
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	0.20	0.038
1,1,2-Trichloroethane	<0.055	<0.01
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-4-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-05 1/7.9
Date Analyzed:	12/16/22	Data File:	121520.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	85	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2	<0.79
Chloroethane	<21	<7.9
1,1-Dichloroethene	<3.1	<0.79
trans-1,2-Dichloroethene	<3.1	<0.79
1,1-Dichloroethane	<3.2	<0.79
cis-1,2-Dichloroethene	<3.1	<0.79
1,2-Dichloroethane (EDC)	<0.32	<0.079
1,1,1-Trichloroethane	<4.3	<0.79
Trichloroethene	96	18
1,1,2-Trichloroethane	<0.43	<0.079
Tetrachloroethene	<54	<7.9

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-5-121122	Client:	Farallon Consulting, LLC
Date Received:	12/12/22	Project:	2032-004, F&BI 212199
Date Collected:	12/11/22	Lab ID:	212199-06 1/5.5
Date Analyzed:	12/15/22	Data File:	121519.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	85	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<1.4	<0.55
Chloroethane	<15	<5.5
1,1-Dichloroethene	<2.2	<0.55
trans-1,2-Dichloroethene	<2.2	<0.55
1,1-Dichloroethane	<2.2	<0.55
cis-1,2-Dichloroethene	<2.2	<0.55
1,2-Dichloroethane (EDC)	<0.22	<0.055
1,1,1-Trichloroethane	<3	<0.55
Trichloroethene	110	21
1,1,2-Trichloroethane	<0.3	<0.055
Tetrachloroethene	<37	<5.5

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	2032-004, F&BI 212199
Date Collected:	Not Applicable	Lab ID:	02-2968 MB
Date Analyzed:	12/15/22	Data File:	121511.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	83	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<2.6	<1
1,1-Dichloroethene	<0.4	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	<0.04	<0.01
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	<0.11	<0.02
1,1,2-Trichloroethane	<0.055	<0.01
Tetrachloroethene	<6.8	<1

Date of Report: 12/22/22
Date Received: 12/12/22
Project: Perine Property 820 South Adams St 2032-004, F&BI 212199

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 212171-02 1/5.0 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	<1.3	<1.3	nm
Chloroethane	ug/m3	<13	<13	nm
1,1-Dichloroethene	ug/m3	<2	<2	nm
trans-1,2-Dichloroethene	ug/m3	<2	<2	nm
1,1-Dichloroethane	ug/m3	<2	<2	nm
cis-1,2-Dichloroethene	ug/m3	<2	<2	nm
1,2-Dichloroethane (EDC)	ug/m3	<0.2	<0.2	nm
1,1,1-Trichloroethane	ug/m3	<2.7	<2.7	nm
Trichloroethene	ug/m3	<0.54	<0.54	nm
1,1,2-Trichloroethane	ug/m3	<0.27	<0.27	nm
Tetrachloroethene	ug/m3	<34	<34	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	95	70-130
Chloroethane	ug/m3	36	100	70-130
1,1-Dichloroethene	ug/m3	54	92	70-130
trans-1,2-Dichloroethene	ug/m3	54	92	70-130
1,1-Dichloroethane	ug/m3	55	102	70-130
cis-1,2-Dichloroethene	ug/m3	54	90	70-130
1,2-Dichloroethane (EDC)	ug/m3	55	103	70-130
1,1,1-Trichloroethane	ug/m3	74	104	70-130
Trichloroethene	ug/m3	73	101	70-130
1,1,2-Trichloroethane	ug/m3	74	114	70-130
Tetrachloroethene	ug/m3	92	105	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

2121199

SAMPLE CHAIN OF CUSTODY

12/12/22

Page # _____ of _____

Report To Yusuf Pehlivan
Company Farallon Consulting
Address 975 5th Ave NW
City, State, ZIP Issaquah, WA 98027
Phone 612-382-1274 Email YPehlivan@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME & ADDRESS: Perine Property 820 South Adams St.

PO # 2032-004

NOTES:

INVOICE TO: the project

TURNAROUND TIME: (Standard) / RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Default: Clean following final report delivery
Hold (Fee may apply): _____

SAMPLE INFORMATION

Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	ANALYSIS REQUESTED: TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium		Notes
IA-1-121122	01	18567	07871	(IA) / SG	12/11/22	-28	0930	-5	1800			X				
IA-2-121122	02	18566	06607	(IA) / SG		-30	1100	-7	1852			X				
AA-1-121122	03	18563	06604	(IA) / SG		-28	1030	-5	1825			X				Ambient Air
IA-3-121122	04	37210	07853	(IA) / SG		-28	1105	-5	1848			X				
VS-4-121122	05	4178	F228	IA / (SG)		-30	1230	-5	1250			X				
VS-5-121122	06	3249	F220	IA / (SG)		-30	1255	-5	1330			X				
				IA / SG												
				IA / SG												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Michael Ysaguirre	FLN	12/12/22	1825
Received by:	JOE MOHAMMED	PSI	~~1825~~ 12/12/22	1825
Relinquished by:	Samples received at 20 °C			
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044

Attachment B
Perine Property Summary of Historical Desktop Review

1180 NW Maple St., Suite 310
Issaquah, WA 98027
T 425.395.0010
TRCcompanies.com

TECHNICAL MEMORANDUM

DATE: August 30, 2022

TO: Ms. Jing Song, LG, LHG, Washington State Department of Ecology

FROM: Mr. Thom Morin, L.G., Vice President/Principal Geologist

RE: Summary of Historical Desktop Review
Perine Property – Former Northwest Plating Site
812 and 820 South Adams Street and 825 South Dakota Street
Seattle, Washington 98108
Facility Site ID 2231
Cleanup Site ID 1361
VCP Site ID NW2769

TRC Project Number: 015354.0010.0000

TRC Environmental Corporation (TRC) prepared this Technical Memorandum to summarize the results of the historical desktop review completed for the Perine Property located at 825 South Dakota Street and 812 and 820 South Adams Street in Seattle, Washington. The historical desktop review was completed under Budget Augmentation No. 11 (BA 11). The scope of services for BA11 focused on responding to the Washington State Department of Ecology (Ecology) Opinion Letter dated August 26, 2020 (Opinion Letter).

The Opinion Letter states that Ecology agrees that the distribution of trichloroethene (TCE) on the Perine Property appears to indicate a separate release from historical operations at the adjacent Former Northwest Plating Property. A 1967 Sanborn fire insurance map included in the 2011 Phase I Environmental Site Assessment indicates that a former machine shop was located in the southwest corner of the former Perine Property (Figure 1).

Based on this information, Ecology requested that “historical and current use of chlorinated solvents including TCE for fastener manufacturing by the John Perine and Perine Danforth Companies on the parcel needs to be researched and documented.”

TRC completed a historical desktop review of the Perine Property to address Ecology’s request. This letter documents the methodology and findings of the historical desktop review.

METHODOLOGY

The historical desktop review methodology included the following work elements:

- Reviewing information contained in the existing project files and litigation files.

- Reviewing the available standard historical sources including aerial photographs, historical Sanborn Fire Insurance maps, historical topographic maps, and reverse city directories research from Environmental Data Resources, Inc. (EDR).

- Reviewing property tax assessor records and other standard historical sources including regional Krolls and Metzker Maps at the Puget Sound Regional Archives and King County Library in Bellevue, Washington.

- Reviewing available property-specific documentation for the Perine Property including historical permits and other building records previously obtained from the City of Seattle Department of Planning and Development in Seattle, Washington.

FINDINGS

The findings of the historical desktop review as they relate to Ecology's request are presented below.

- The 1967 Sanborn fire insurance map is provided as Figure 1. As shown in the figure, the south portion of the west building located at 812 South Adams Street is labeled *Mach Shop*. This note is presumed to be short for "machine shop." Additional notations indicated *concrete floor*.

- The 1948 Sanborn fire insurance map is provided as Figure 2. Prior to Mach Shop, the 1949 map depicted this building area as Winery including 12 2,500-gallon wood tanks, 4 2,500-gallon oak tanks, and fermentation vats. Additional notations indicate concrete floor with wood post construction.

- The historical property records for the 812 South Adams Street building are included as Attachment A. The records document the building was constructed in 1922 and was occupied by Brown Engineering. A photograph of the building is included in the records. Building records include a layout of the Winery facility.

CONCLUSIONS

The following conclusions are supported by the findings of the historical desktop review:

- The historical sources indicate the 812 South Adams Street building was used as a Winery prior to occupancies by Brown Mechanical Engineering from 1957 to 1974. A layout of the Winery facility is included as Attachment A.

- The Brown Mechanical Engineering facility included a machine shop as identified on the 1967 Sanborn fire insurance map; however, no further information regarding the possible uses of, or activities in, the machine shop were identified.

- No additional information pertaining to fastener manufacturing or the use of TCE on the Perine Property was identified during the historical desktop review.

ENCLOSURES

Figures

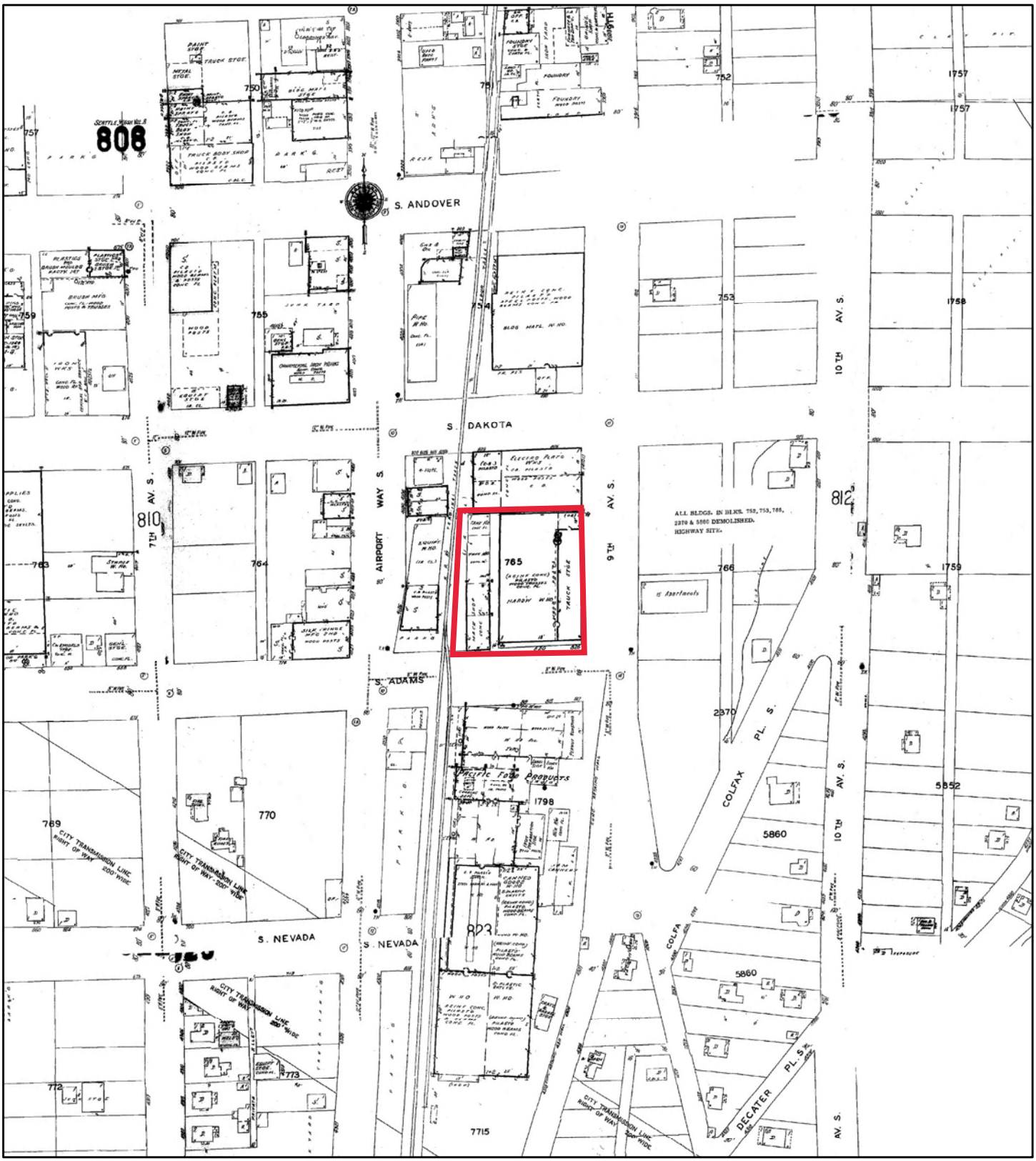
Figure 1 1967 Sanborn Fire Insurance Map
Figure 2 1949 Sanborn Fire Insurance Map

Attachments

Attachment A Historical Property Records

Figures

Fire Insurance Map



1967

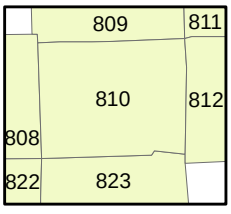
N

0 90 180 360 540 720

Feet

Address: 820 South Adams StreetSeattle WA 98108

Order Number 20190103182

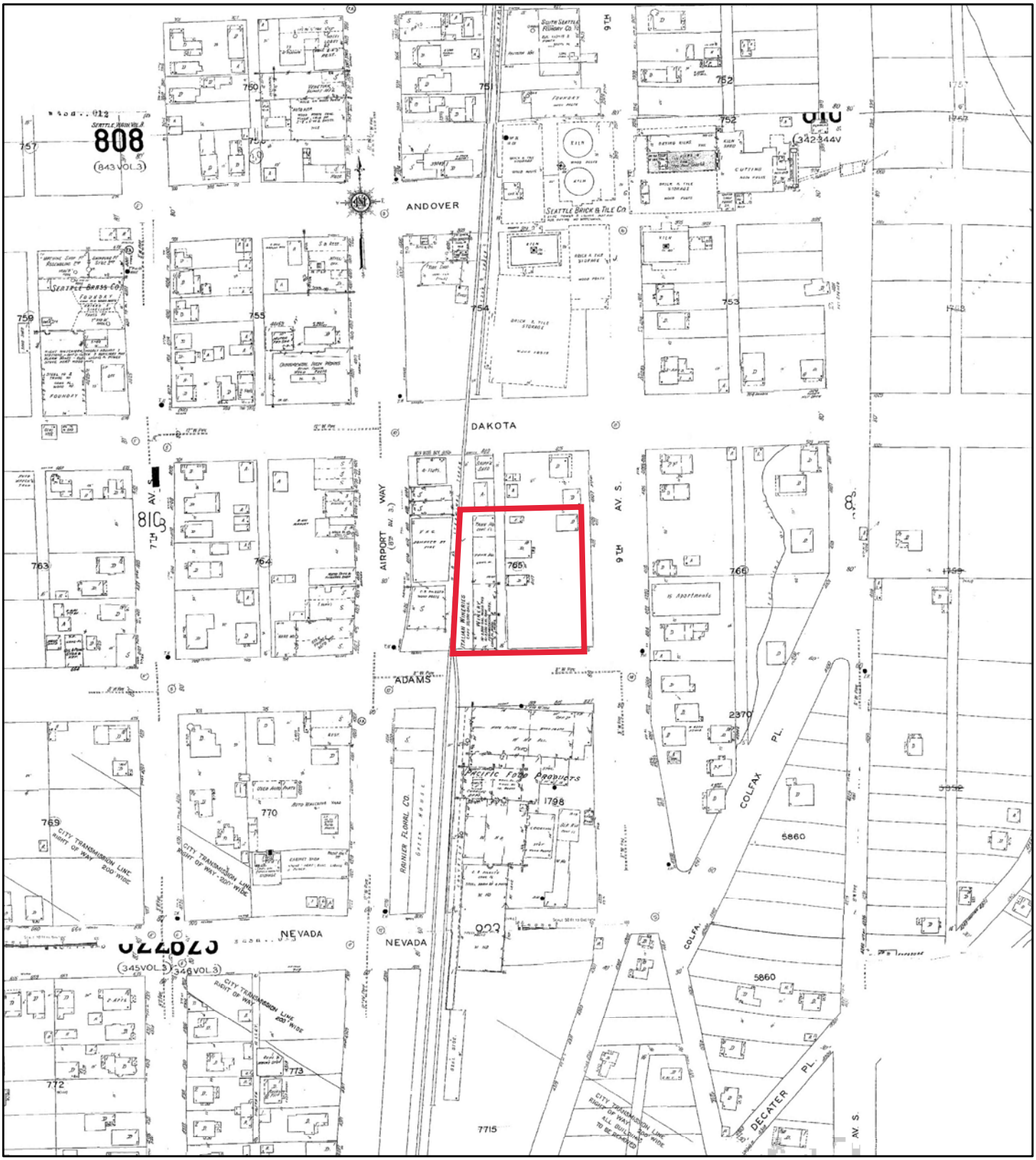


Map sheet(s):
Volume 8:808,809,810,812,823;

FIGURE 1
1967 SANBORN FIRE INSURANCE MAP

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1949

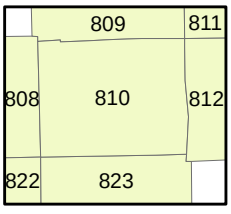
Address: 820 South Adams StreetSeattle WA 98108

N

0 90 180 360 540 720

Feet

Order Number 20190103182



Map sheet(s):
Volume 8:808,809,810,812,823;

FIGURE 2
1949 SANBORN FIRE INSURANCE MAP

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Attachment A
Historical Property Records

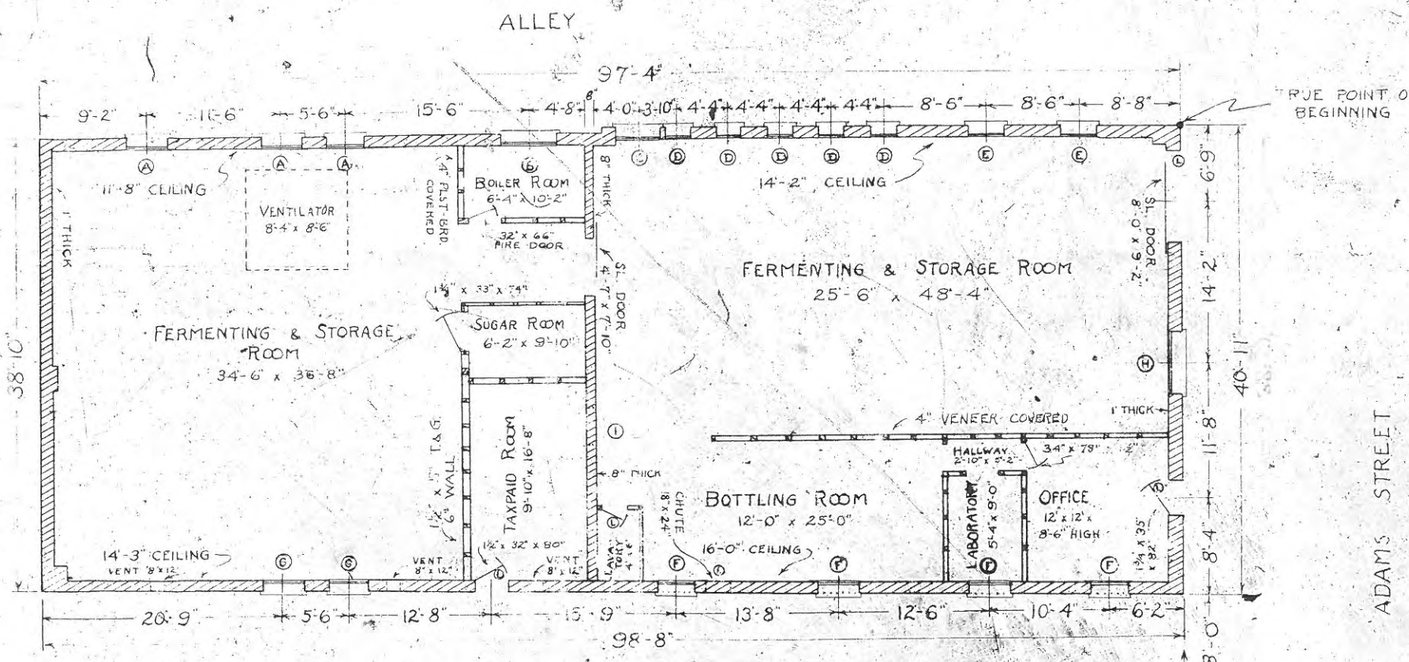

PACIFIC MANUFACTURING CO. Inc.
PARAGON BRAND FOOD PRODUCTS
PACIFIC MFG CO INC
817 - ADAMS


ERINE CO


A.O
6-44
F2913
Ladds 1st to South Seattle
B.2
L.3+4
17-24-4
St.

ITALIAN WINERIES of WASHINGTON Inc

812 Adams St Bonded Winery No 41



WINDOW SCHEDULE			
MARK	SIZE	GLASS	PROTECTION
A	3'-4" x 5'-3"	CL. GL.	HEAVY W. SCREEN
B	4'-6" x 4'-0"	" "	" " "
C	3'-4" x 4'-0"	" "	" " "
D	1'-9" x 2'-1"	" "	" " "
E	3'-0" x 3'-0"	" "	" " "
F	3'-4" x 14'-6"	" "	¾ IN. IRON BARS
G	3'-4" x 5'-3"	" "	HEAVY W. SCREEN
H	3'-6" x 5'-4"	NONE	BOARDED
I	3'-0" x 5'-0"	" "	" "

BRICK Ⓛ LOCK

SCALE: 1 IN. = 8 FEET

15TH DISTRICT, WASH. JULY 25, 1939

WE HEREBY CERTIFY THAT THIS IS AN ACCURATE PLAT AND FLOOR PLAN OF THE PREMISES OF BONDED WINERY NO. 41 OF THE ITALIAN WINERIES OF WASHINGTON, INC. 812 ADAMS STREET SEATTLE, WASH. OF THIS FIFTEENTH DISTRICT, WASH.

PROPRIETOR

DIST. SUPERVISOR

SAVE

MERGED TO 188610-1280

FOLIO 2913-A SE

ADDITION LADD'S 1st ADD TO SOUTH SEATTLE

Section 17 Twp 24 Range 4 EWM. Block 2 Lot or 3 & 4 LESS

PERMIT NO.

Tax Lot Tract N.P. RR R/W & ALL VAC ALLEY ADJ.

DATE

Address 812 - SOUTH ADAMS ST.

FOR REFERENCE ONLY

BLDG #1 1 OF 2

Fee Owner BROWN ENGINEERING CO. Architect Contractor

Zoning Condition of Exterior F Interior F Foun

Brown Engineering
812 S Adams St
Seattle, Wn 0040

3-4 2 0010 39589 0040
LADD'S 1ST Less N P Ry R/W & All Vac
Alley adj

USE WHSE

		ROOF CONSTRUCTION		FLOOR FINISH	
1	No. Stories	100%	Frame-Joist		Fir
	No. Stores		Mill-Deck		Oak
	No. Rooms		Rein. Conc. GLB		Lino
	Basement		Steel Fr. Metal Deck	100%	Cement
	No. Offices Unit Sq. Ft.		Trusses Span		Terrazzo
	No. Apartmts		Wood Steel		Asphalt
	1 rm. ☐ 2 rm. ☐ 3 rm. ☐ 4 rm. ☐ 5 rm. ☐ 6 rm.				or

Date Built 1922 Date Add. Built ☒ Finished ☐ Unfinished ☐ Remodeled

Effective Age 50 Years Future Life Years

Dep. for Cond. Dep. for Ob. 60% Dep. for Es. Total

H.W. Tanks Ldy. Trays
D-Washers Disposals
NO Sprinkler Sys.

HEATING

Elec. Oil X Gas
H.W. St. H.A.
B.Bd. 2 Suspended
FHA Pipeless
A. Cond. Wall Unit
Comb. Unit Custom
Refrig. Convector
Heat Pump Fireplace

TYPE OF CONSTRUCTION

Frame
Metal-Prefab
X Ordinary Masonry
Mill Construction
Class A Rein.
Stru. Steel and
Struct. Steel,

Date Bu
Effectiv
Dep. for
RE
Facto
$ 22
29

YEAR ASSESSED VALUE

QUALITY-TYPE
Good Med. X Ch

FOUNDATION
Mud Sill ☐ Po
X Conc. ☐ Br
Load Hgt. ☐

BASEMENT NONE

Plastered ☐
Service Rooms

10M 5-59

EXTERIOR WALL CONST.
Single ☐ Double
Stud Walls
100% Brick COMMON 13" Pil. ☐
Conc. Pil. ☐
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
Filler Wall
Curtain Wall

SEE B

Stops Speed Dolphins Outlets
Cap'y. Deck

INTERIOR WALLS & CEILING
Stud Wood Metal
Plaster Dry Wall
Acc. Tile Celotex
Ceiled X Plywood
Solid Block
Sound Proofed Lamin.
X Finished X Unfinished
X Painted Varnished

INSULATION UNK
Exter. Partitions

EXTERIOR FACING
Siding
Stucco Shakes
Marblecrete
Brick ☐ Veneer
Conc. ☐ Conc. Blk.

GROUND FLOOR AREA 3800 + 1424 = 5224
TOTAL FLOOR AREA 3800 + 1424 = 5224

	C.Hgt.
SB	
B	
1	14'
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

SCALE 1/50 = 1'

John Perine
steel whse
sunken floor unpaved
17 HT
no heat
John Perine to Bldg 59

EO 11/29/71

SAVE

MERGED TO 788610-1280 ~~#8040~~

FOLIO 2913-A

PERMIT NO.

DATE

ADDITION LADD'S 1st ADD TO SOUTH SEATTLE

Section SE 17 Twp 24 Range 4 EWM. Block 2 Lot or 3 & 4 LESS NPRR R/W & ALL VAC ALLEY ADJ.

Tax Lot ______ Tract ______

Address 812 - SOUTH ADAMS ST.

FOR REFERENCE ONLY

BLDG 2

2012

ee Owner BROWN ENGINEERING CO. Architect ______ Contractor ______

oning ______ Condition of Exterior F Interior F Foundation F Floor Plan: Good ______ Accept. ______ Poor ______

SE WHSE

1 No. Stories
No. Stores
No. Rooms
Basement
No. Offices — Unit Sq. Ft.
No. Apartmts.
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

ROOF CONSTRUCTION

100% Frame-Joist (WD)
Mill-Deck
Rein. Conc. ______ GLB
Steel Fr. ______ Metal Deck
Trusses ______ Span
Wood ______ Steel

FLOOR FINISHES

Fir — Maple
Oak — 2x6TG
Lino — 3x6TG
X Cement — Lgtwgt. Conc.
Terrazzo
Asphalt Tile — Vinyl Tile
or

Tile / Lino / Form.

Bath Floor
Bath Walls
Tub Recess
Drain Bds.
Vanities

PLUMBING NONE

No. Fixtures
Toilets ______ Urinals
Tubs Leg. or Pem.
Basins ______ Dr. Ftns.
Sinks
Washers ______ Dryers
Showers (tub) (stall)
H.W. Tanks ______ Ldy. Trays
D-Washers ______ Disposals
Sprinkler Sys.

Date Built 1941 Date Add. Built ______ [X] Finished [ ] Unfinished [ ] Remodeled

Effective Age 31 Years Future Life ______ Years

Dep. for Cond. ______ Dep for Ob. 40% Dep. for Es. ______ Total ______

TYPE OF CONSTRUCTION

X Frame
Metal-Prefab
Ordinary Masonry
Mill Construction
Class A Rein. Conc.
Stru. Steel and Conc.
Struct. Steel, Frame

HEATING

Elec. ______ Oil X Gas
H.W. ______ St. ______ H.A.
B.Bd. / Suspended
FHA ______ Pipeless
A. Cond. ______ Wall Unit
Comb. Unit ______ Custom
Refrig. ______ Convector
Heat Pump ______ Fireplace

FAC

QUALITY-TYPE

Good — Med. ✓ — Cheap

FOUNDATION

Mud Sill — Post Pier
X Conc. — Brick
Load Hgt. — Piling

YEAR	ASSESSED VALUE

BASEMENT NONE

Full ______ % Part.
Sub-Basement
Size
Garage — No. Cars
Floors
Plastered — Pl. Bd.
No. Apartments
Service Rooms

MISC. TANKS, Etc.

HOISTS: Elec. Hydr.

SEE BACK

ELEVATORS

Pass. ______ Frght.
Auto. ______ Elec.
Man. ______ Hydr.
Doors-Auto ______ Man.
Escalators
Stops ______ Speed
Cap'y.

DOCKS AND PIERS

Hvy. ___ Med. ___ Lgt.
Untrtd. Pile Tmbr.
Conc. Piles & Bms.
Trtd. Pile Tmbr.
Paved
Dolphins
Deck

WIRING

Knob & Tube
Flex. Cable
X Conduit
Pwr. Wiring
Range Wiring
Outlets

EXTERIOR WALL CONST.

X Single — Double
100% Stud Walls
Brick ______ Pil.
Conc. ______ Pil.
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
Filler Wall
Curtain Wall
(SEE SKETCH)

C.Hgt. GROUND FLOOR AREA 4072 + 1696 = 5768

TOTAL FLOOR AREA 4072 + 1696 = 5768

SB	C.Hgt.
B	
1	11-15
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

INTERIOR WALLS & CEILING

Stud — Wood — Metal
Plaster — Dry Wall
Acc. Tile — Celotex
Ceiled — Plywood
Solid — Block
Sound Proofed — Lamin.
Finished X Unfinished
Painted — Varnished

EXTERIOR FACING

100% Siding C.I.
Stucco ______ Shakes
Marblecrete
Brick — Veneer
Conc. — Conc. Blk.

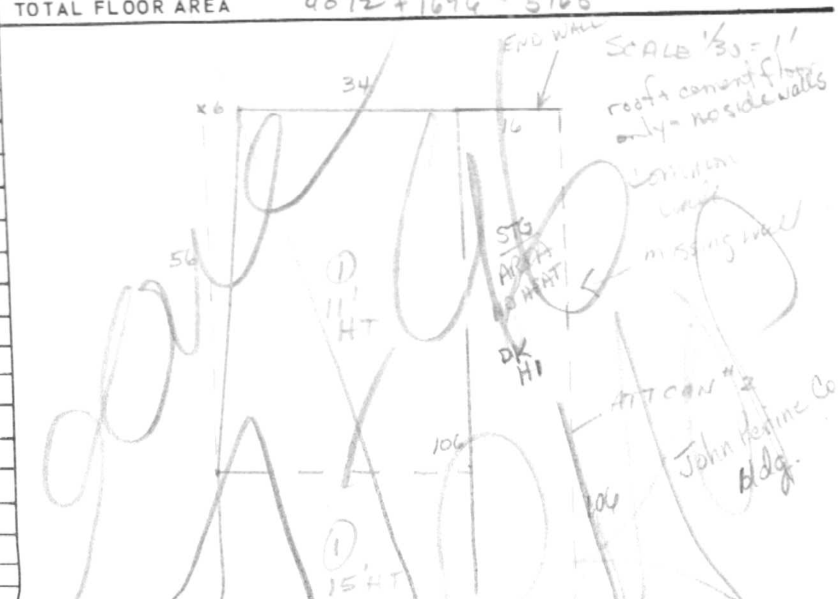
INSULATION NONE

Exter. ______ Partitions
Roof ______ Floor

FLOOR CONSTRUCTION

Joist ______ x ______ x ______ O.C.
Mill ______ Car Deck

INTERIOR TRIM



PERMIT No.	DATE	MECHANICAL (except Elevator)	PERMIT No.	DATE	ELEVATOR
[illegible]	[illegible]-75	Extend outlets and hang 6 fixtures			
[illegible]	[illegible]-75	Hang fixtures- extend circuits - wire [illegible] receptacle for air cond			

320 S. Adams

816-26

LOT

BLK.

ADD IG 57E

BUILDING PERMIT No.	DATE	EST. COST	WORK	STO	SIZE	CONST.	OCCUPANCY
			E.T. EXEMPT				F-1 Garage.
554550	10/24/74	2,000	Alter & const. add to mezz.	1	no bsmt.	III N	F-2 Whse & Stor

#4703 1957 Furnace
#4704 1957 Furnaces
#4705 1957 Furnaces
#4706 1957 Furnace

478103 Wiring, Fixtures
498253 Wiring for heaters
512777 Wiring for motors
534483 6/7/73
541813 10/17/74 Add discon & sub panel and wire office.

1 C
57E

[redacted] LOT 1 & 2 & Lots 1 & 2, blk. 30 of S. Seattle Add.
BLK. 2
ADD. Ladd's First Add. "JOHN PERINE CO."

FM 5.8.10? (Also 4109-27 -9th So.)

PERMIT NO.	DATE.	EST COST	WORK	STO.	SIZE	CONST.	OCCUPANCY
452064	1957	130,000	Construct Building	1	120x200'6"	O.K.	Warehouse & Storage Garage
456606	1957	1,000	Install underground gas. tank				
493670	1962	500	Install & maintain sign				Sign
496945	1962	900	Construct new mezzanine floor in whse.				Warehouse
504701	1963	400	Alter exist. bldg.				Whse. & Storage garage
516621	1966	2,000	Alter entrance of exist. bldg.	1		III-N	" "
517473	1966	2,500	Const. addn to bldg.	1	22x30	III N	Warehouse; Storage; Garage
524826	1967	1,000	Const. addn to marquee on bldg.	1	37x6.5'	III-N	Warehouse
548936	6/4/73	3000	Alt. per. exist. bldg.	1		III N	F2-Whse. & Stor. F1-Garage
554325	10/2/74	7,000	Alter exist bldg. & const. mezz. E.I. EXEMPT	1	no bsmt	III-N	F-2 Warehouse & Storage & F-1 Garage.

Lots 3 & 4, Block 2, 3. Park Addn; & Lots 7 & 8, Block 30, Ladd's 1st Addn

522685 Wire New 200 AMP 30 Service O.K.

812, Adams St.

LOT 4
BLK 2
ADD Ladds 1st

(OVER)

KROLL PAGE NO. 57E

34 - 4

PERMIT NO.	DATE	EST COST	WORK	STO	SIZE	CONST	OCCUPANCY
205235	1921	100	Lay cement floor			fr	Cider factory
214953	1922	1500	Build addn.		39.3x46.7	om	factory
			Repair boiler room			fr	factory
277970	1928	15					
334164	1939	250	Occupy as winery	1	27.4x40.11	fr	winery
335278	1939	25	erect metal smoke pipe	1	40x50	fr	"
340037	1940	350	Add'n. (fermentation room)	1	29x34	fr	"
344164	1941	500	Add'n.	1	32'6"x34'	FR	Winery
355766	1943	500	Add'n.	1		VN	G-Office & shops
504047	1972	5000	Const. add. exist. bldg.	1		VN	G-Office & shops
547998	1973	25	Renewal permit #504047. Complete work under 547998 E.I. EXEMPTION	1		VN	G-Office & Shops
552223	4-12-74						

ORIGINAL

CITY OF SEATTLE
DEPARTMENT OF BUILDINGS
BUILDING — USE PERMIT

NOT VALID UNLESS SIGNED BY SUPERINTENDENT OF BUILDINGS

57E
KROLL PAGE NO.

552223
PERMIT NUMBER

INDEX CARD

9e518 #25.00
RECEIPT NUMBER AMOUNT

552223

RECEIPT NUMBER AMOUNT

#25.00
PERMIT FEE

At 812 So ADAMS ST (Number) (Street), on Lot BELOW Block

of Addition. Lot is x Alley

Zoning	Height Limit	Fire Zone	Owner's Value	Bldg. Dept. Value	Life of Permit	Plans Filed (Yes / No)	Clerk
IG-	MAX	III			1 YR	YES	

Occupancy and Group	Occupant Load	No. Stories	Basements	No. Dwelling Units	Occupancy Certificate Required (Yes / No)
G OFFICE & SHOPS	ADD 10	1	NO	NONE	Yes / No

Type Constr.	Bldg. Size: New / Add / Alter	Total Area	Width of Streets	Lot has Reached Maximum Coverage (Yes / No)
V N	ADD RENEWAL		80'	

Permission is hereby given to do the following described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

COMPLETE WORK AUTHORIZED BY PERMITS
544047 & 547998 -
TO CONSTRUCT ADDITION TO EXISTING BUILDING.
PER PLAN. 3 PARKING SPACES PROVIDED

STARTING CONSTRUCTION WITHOUT A BUILDING PERMIT IS PUNISHABLE BY FINE AND IMPRISONMENT

Owner BROWN ENGINEERING CO Address ABOVE Ph. 622-5420

Contractor OWNER Ph.

Struct. Engineer
Architect R C BROWN Ph.

I have read the conditions of this permit and I agree that I will do the work described above in conformance with the Building Code and the approved plans.

Address Signed X R C Brown (Owner)

Application made 4-12, 19 74 By (Owner / Authorized Agent)

Permit issued 4-12, 19 74 SUPERINTENDENT OF BUILDINGS. By Don Taylor

Additional Permits Are Required for:
Electrical
Boiler
Furnace
Elevator
Sign or Billboard
Grading
Wrecking
Plumbing
Flammable Liquid Storage
Oil Burner
Use of Public Areas
Curb or Walk Crossing
Sewer
Street Grades
Floor Area
Water

APPROVAL OF OTHER CITY DEPTS. CONTRACTOR'S LICENSE NO.

S.E.P.A. ACTION	
Catagorical Exemption	Worksheet Filed

LOT 3 & 4 BLK 2 LADDS 1ST
AND LOTS 7 & 8 BLK 30
S. SEATTLE ADDN LYING
ELY OF N/P RLY. AND UNC.
ALL ALLEY ADJ.

CERTIFICATE OF OCCUPANCY MUST BE ISSUED PER SEC. AND BEFORE PREMISES ARE OCCUPIED

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
5/22/74	Beller	Nothing done.
6-13-74	Dan Taylor	Nothing done.
10-2-74	Beller	Nothing done
~~11/20/74~~	Beller	~~No change.~~
3-20-75	Beller	No change
4-9-75	Beller	Nothing done. Permit expiring File
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.

DO NOT WRITE IN THIS MARGIN

FORM BC-1
ORIGINAL

CITY OF SEATTLE
DEPARTMENT OF BUILDINGS
BUILDING — USE PERMIT
NOT VALID UNLESS SIGNED BY
SUPERINTENDENT OF BUILDINGS

554325

96952 $15.00
RECEIPT NUMBER AMOUNT

97334 26.00
RECEIPT NUMBER AMOUNT

57E
KROLL PAGE NO.

554325
PERMIT NUMBER

32.50
PERMIT FEE

At 820 (Number) So. Adams (Street), on Lot See Below Block

of Addition. Lot is x Alley

Zoning	Height Limit	Fire Zone	Owner's Value	Bldg. Dept. Value	Life of Permit	Plans Filed (Yes)	Clerk
1G	Max	3	$7000.00		1 Year		D.S.

Occupancy and Group	Occupant Load	No. Stories	Basements	No. Dwelling Units	Occupancy Certificate Required
F-2 Whse & Storage F-1 Garage	8 increase	1	No	None	No

Type Constr.	Bldg. Size (New / Add / Alter)	Total Area	Width of Streets	Lot has Reached Maximum Coverage (Yes / No)
III N	Alter			

Permission is hereby given to do the following described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

Alter Existing Building and Construct Mezzanine Per Plan. Add 483 sf of mezz area

no additional parking.

Sprinklered bldg.

548936

STARTING CONSTRUCTION WITHOUT A BUILDING PERMIT IS PUNISHABLE BY FINE AND IMPRISONMENT

Owner John Perine Address Same Ph. 583-2295

Contractor Ph.

Struct. Engineer

Architect W.E. Rutledge Ph. 232-7510

Address 7605 SE. 27th Mercer Island

I have read the conditions of this permit and I agree that I will do the work described above in conformance with the Building Code and the approved plans.

Signed X John Perine (Owner)

Application made 9-23, 1974 By X Douglas [illegible] (Owner's Authorized Agent)

Permit issued 10-2, 1974 SUPERINTENDENT OF BUILDINGS. By Brown

Additional Permits Are Required for:
Electrical
Boiler
Furnace
Elevator
Sign or Billboard
Grading
Wrecking
Plumbing
Flamable Liquid Storage
Oil Burner
Use of Public Areas
Curb or Walk Crossing
Sewer
Street Grades
Roof Area
Water

APPROVAL OF OTHER CITY DEPTS. CONTRACTOR'S LICENSE NO.

Lots 1, 2 & 3, Block 2 of Ladd's 1st Addn & Lots 1 & 2, Blk 30 of South Seattle

APPROVED
SUBJECT TO ORDINANCE
SEP 27 1974

SEATTLE-KING CO.
DEPT. OF PUBLIC HEALTH
BY McAlerney

S.E.P.A. ACTION	
Catagorical Exemption	Worksheet Filed
X	

Report to Fire Dept

CERTIFICATE OF OCCUPANCY MUST BE ISSUED PER SEC. 306 BEFORE PREMISES ARE OCCUPIED

PLANS MUST BE FOLLOWED EXACTLY. CALL FOR INSPECTION BEFORE POURING ANY CONCRETE. BE SURE OF SETBACKS AND YARDS REQUIRED BY ZONING ORDINANCE.

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
10-25-74	Beller	OK to cover
11/20/74	Beller	OK FINAL.
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.

DO NOT WRITE IN THIS MARGIN

FORM SC-1

ORIGINAL

98428 $ 29 50
RECEIPT NUMBER AMOUNT

CITY OF SEATTLE
DEPARTMENT OF BUILDINGS
BUILDING — USE PERMIT

NOT VALID UNLESS SIGNED BY SUPERINTENDENT OF BUILDINGS

57 E
KROLL PAGE NO.

554550
PERMIT NUMBER

X3941 #19 50 +10 00 F.F 29 50
PERMIT FEE

554550
RECEIPT NUMBER AMOUNT

At 820 So. ADAMS (Number) (Street), on Lot SEE BELOW Block

of Addition. Lot is x Alley

Zoning	Height Limit	Fire Zone	Owner's Value	Bldg. Dept. Value	Life of Permit	Plans Filed	Clerk
1G	MAX	3	2000 00		1 YEAR	(Yes) No	D.S.

Occupancy and Group	Occupant Load	No. Stories	Basements	No. Dwelling Units	Occupancy Certificate Required
F-2 WHSE & STORAGE F-1 · GARAGE		1	NO	NONE	Yes (No)

Type Constr.	Bldg. Size New (Add) (Alter)	Total Area	Width of Streets	Lot has Reached Maximum Coverage
III N		2764 MEZZ.		NO CHANGE (Yes) No

Permission is hereby given to do the following described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

ALTER AND CONSTRUCT ADDITION TO MEZZANINE OF EXISTING BUILDING PER PLAN

554325

STARTING CONSTRUCTION WITHOUT A BUILDING PERMIT IS PUNISHABLE BY FINE AND IMPRISONMENT

Owner JOHN PERINE Address SAME Ph. 583-2295

Contractor WM. ALLOY Ph.

Struct. Engineer

Architect W.E. RUTLEDGE Ph.

I have read the conditions of this permit and I agree that I will do the work described above in conformance with the Building Code and the approved plans.

Address 7605 SE 27TH MERCER ISLAND Signed X (Owner)

Application made 10·24 1974 By X Douglas J Hardan (Owner's Authorized Agent)

Permit issued 10·24, 1974 SUPERINTENDENT OF BUILDINGS. By

Additional Permits Are Required for:

- Electrical
- Boiler
- Furnace
- Elevator
- Sign or Billboard
- Grading
- Wrecking
- Plumbing
- Flamable Liquid Storage
- Oil Burner
- Use of Public Areas
- Curb or Walk Crossing
- Sewer
- Street Grades
- Roof Area
- Water

APPROVAL OF OTHER CITY DEPTS. CONTRACTOR'S LICENSE NO. 223-01, 14915

S.E.P.A. ACTION

Categorical Exemption	Worksheet Filed
✓	

CERTIFICATE OF OCCUPANCY MUST BE ISSUED PER SEC. 306 BEFORE PREMISES ARE OCCUPIED

PLANS MUST BE FOLLOWED EXACTLY. CALL FOR INSPECTION BEFORE POURING ANY CONCRETE. BE SURE OF SETBACKS AND YARDS REQUIRED BY ZONING ORDINANCES.

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
10-25-74	Beller	OK to cover
11/20/74	Beller	Complete - send sprinkler report to Fire Dept.
1-20-75	Beller	OK FINAL
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.

DO NOT WRITE IN THIS MARGIN

ORIGINAL

CITY OF SEATTLE

DEPARTMENT OF BUILDINGS

BUILDING — USE PERMIT

NOT VALID UNLESS SIGNED BY SUPERINTENDENT OF BUILDINGS

INDEX CARD

57 E
KROLL PAGE NO.

548936
PERMIT NUMBER

78989 RECEIPT NUMBER — $27.50 AMOUNT

RECEIPT NUMBER — AMOUNT

$27.50
PERMIT FEE

548936

At 820 (Number) So. Adams (Street), on Lot below Block

of Addition. Lot is 120 x 207 Alley

Zoning	Height Limit	Fire Zone	Owner's Value	Bldg. Dept. Value	Life of Permit	Plans Filed	Clerk
IG	Max.	III	$3,000.00		1yr	(Yes) No	RAP

Occupancy and Group	Occupant Load	No. Stories	Basements	No. Dwelling Units	Occupancy Certificate Required
F2-Whse & Storage F1-Garage	No CHANGE	one	NO	NONE	Yes (No)

Type Constr.	Bldg. Size New / Add / (Alter)	Total Area	Width of Streets	Lot has Reached Maximum Coverage
III N			No	CHANGE Yes / No

Permission is hereby given to do the following described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

Alter portion of existing building per plan.

#517473

STARTING CONSTRUCTION WITHOUT A BUILDING PERMIT IS PUNISHABLE BY FINE AND IMPRISONMENT

Owner John Perine Co. Address Same Ph. 622-4450

Contractor Alley Const. Ph. Va 2-6290

Struct. Engineer

Architect Ph.

Address

I have read the conditions of this permit and I agree that I will do the work described above in conformance with the Building Code and the approved plans.

Signed x John Perine Co (Owner)

Application made June 4, 1973 By x James Alley (Owner's Authorized Agent)

Permit issued 6/4, 1973 SUPERINTENDENT OF BUILDINGS. By H Schmidt

Additional Permits Are Required for:

- Electrical
- Boiler
- Furnace
- Elevator
- Sign or Billboard
- Grading
- Wrecking
- Plumbing
- Flamable Liquid Storage
- Oil Burner
- Use of Public Areas
- Curb or Walk Crossing
- Sewer
- Street Grades
- Roof Area
- Water

APPROVAL OF OTHER CITY DEPTS. CONTRACTOR'S LICENSE NO. 223-01-14915

Lots 1+2 Blk. 2 of
Ladd's 1st Add.
Lots 1+2 Blk. 30 of
South Seattle

CERTIFICATE OF OCCUPANCY MUST BE ISSUED PER SEC. 306 BEFORE PREMISES ARE OCCUPIED

PLANS MUST BE FOLLOWED EXACTLY. CALL FOR INSPECTION BEFORE POURING ANY CONCRETE. BE SURE OF SETBACKS AND YARDS REQUIRED BY ZONING ORDINANCE.

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
6-11-73	Beller	OK to cover
6-27-73	Beller	OK Final.
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.

DO NOT WRITE IN THIS MARGIN

682036

MASTER USE AND CONSTRUCTION APPLICATION AND PERMIT

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

PERMIT NUMBER: 682036

PROJECT NUMBER: 9500539

KROLL: 143

PROPERTY ADDRESS: 00820 S ADAMS ST

LEGAL DESCRIPTION: 395890-0040; LOTS 3 & 4, BLOCK 2, LADDS 1ST ADDN TO S SEA TGW POR OF LOTS 7 & 8, BLOCK 30, S SEA ADDN LY ELY OF N P RR R/W TGW ALL...(SEE FILE)

APN: 395890-0040

RELATED FILES/PERMITS:

PERMIT REMARKS: ECA 5

CONSTRUCTION VALUE
NEW: 236,008
ALTER: 0
TOTAL: 236,008
DCLU: 239,560

PROJECT DESCRIPTION: Permission is hereby given to do the following according to the conditions stated hereon and on the attachments and according to the approved plans and specifications pertaining thereto, subject to compliance with the ordinances of the City of Seattle:

ADDITION
DEMOLITION
OTHER

CONSTRUCT WAREHOUSE ADDITION TO EXISTING BUILDING, DEMOLISH 11000 SF. OF EXISTING WAREHOUSE, PER PLANS

BLDG. IDENTIFIER: 1
NO. DWELLING UNITS
EXISTING: 0
NEW: 0
DEMOLISH: 0
TOTAL: 0

OCCY GROUP & CHAR: B-2 WAREHOUSE
TYPE OF CONSTRUCTION: V-N
ASSEMBLY OCCUPANT LOAD: NA
SPRINKLER SYSTEM LOCATION: NA
NUMBER OF STORIES, BASEMENTS: 1 STORY
USE PER LAND USE CODE: WAREHOUSE

ZONING: IG 2 U/85
DEMOLITION LICENSE: NA

OCCUPANCY CERT REQUIRED? Y
SPECIAL INSPECTIONS REQUIRED? Y
ENVIRON. SENSITIVE AREA? C
SHORELINE AREA? N
PROTECTED DISTRICT/LANDMARKS? N
GREENBELT? N

RECEIPT NUMBER	RECEIPT AMOUNT
D11892	110.00
D13871	2,315.00
D22853	2,458.50

PERMIT SPECIALIST: AGG
LAND USE TECHNICIAN:
BLDG CODE PLANS EXAM/ENGR: JMT

DATE	CONSTRUCTION COMPONENT	FEE
950202	BLDG DEV PRMT	1,559.00
950202	BLDG PLAN REVW	1,559.00
950202	DEMOLITION	330.00
950202	DRAINAGE	764.00
950804	TEMP DRAINAGE	180.00
950202	WA SURCHARGE	4.50

DATE	MASTER USE COMPONENT	ACTION	FEE
	SED		487.00

DATE	STREET USE COMPONENT	ACTION	FEE

DATE	OTHER	FEE

TOTAL PERMIT FEES: 4,883.50

OWNER/LESSEE: JOHN PERINE JR

CONTACT PERSON: RON WOODWARD PHONE: 4814222

ADDRESS: ZIP: 98072

GC CONSTRUCTION, P O BOX 1650, WOODINVILLE

CONTRACTOR: GC CONSTRUCTION UC NO: GCCON1*

DIRECTOR OF CONSTRUCTION & LAND USE BY: Tami Garrett

DATE PERMIT ISSUED	CONSTRUCTION EXPIRATION DATE	LAND USE EXPIRATION DATE
950914	970314	

NOTICE TO THE APPLICANT: The Department of Construction and Land Use cannot guarantee any specific time frame for project review. The applicant shall determine applicability of and compliance with all relevant codes. DCLU permit action is based upon information supplied by the applicant. The Department reserves the right to require additional information. Field revisions on issued permits may be required if errors or omissions are discovered.

Construction or substantial progress toward construction of a project for which a Master Use Permit or construction permit has been granted must be undertaken prior to the expiration date. Extension of the construction permit without penalty may be granted if application is made within the 30 days prior to the date of expiration. Additional fees will be assessed to reinstate an expired permit.

Not valid unless signed by the DIRECTOR OF THE DEPARTMENT OF CONSTRUCTION AND LAND USE. Starting construction without a building permit is punishable by fine and/or imprisonment. All work shall be done in accordance with the permit and approved plans. Call for inspection before placing any concrete or installing any piling on private property. Phone 684-8900.

I certify that I have read the above notice and that to the best of my knowledge, the information which I have provided is complete and accurate.

APPLICANT'S SIGNATURE: Ronald W Woodward DATE: 9-14-95

APPLICANT'S RELATIONSHIP TO PROJECT: C

00421

683920

PERMIT NUMBER: 683920

MASTER USE AND CONSTRUCTION APPLICATION AND PERMIT

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

PROJECT NUMBER: 9506581

KROLL: 143

PROPERTY ADDRESS: 00820 S ADAMS ST ( )

LEGAL DESCRIPTION: 395890-0040; LOTS 3 & 4, BLOCK 2, LADDS 1ST ADDN TO S SEA TGW POR OF LOTS 7 & 8, BLOCK 30, S SEA ADDN LY ELY OF N P RR R/W TGW ALL...(SEE FILE)

APN: 395890-0040

RELATED FILES/PERMITS: CONST-682036

PERMIT REMARKS:

CONSTRUCTION VALUE
NEW: 0
ALTER: 11,800
TOTAL: 11,800
DCLU: 11,800

PROJECT DESCRIPTION: Permission is hereby given to do the following according to the conditions stated hereon and on the attachments and according to the approved plans and specifications pertaining thereto, subject to compliance with the ordinances of the City of Seattle:

ALTERATION :NSTALL SPRINKLERS IN WAREHOUSE ADDITION, PER PLAN

BLDG. IDENTIFIER: 1
NO. DWELLING UNITS
EXISTING:
NEW: 0
DEMOLISH:
TOTAL:

OCCY GROUP & CHAR: NA, SPRINKLERS ONLY
TYPE OF CONSTRUCTION: NA
ASSEMBLY OCCUPANT LOAD: NA
SPRINKLER SYSTEM LOCATION: PER PLANS
NUMBER OF STORIES, BASEMENTS: NA
USE PER LAND USE CODE: SPRINKLERS ONLY

ZONING: IG2 U/85'
DEMOLITION LICENSE: NA

DATE	XXXXXXXXXXXX CONSTRUCTION COMPONENT	FEE
951214	BLDG DEV PRMT	192.00
951214	BLDG PLAN REVW	192.00
951214	WA SURCHARGE	4.50

OCCUPANCY CERT. REQUIRED? N
SPECIAL INSPECTIONS REQUIRED? NA
ENVIRON. SENSITIVE AREA? C
SHORELINE AREA? N
PROTECTED DISTRICT/LANDMARKS? N
GREENBELT? N

RECEIPT NUMBER	RECEIPT AMOUNT
D25693	288.00
D27121	100.50

PERMIT SPECIALIST: JS
LAND USE TECHNICIAN:
BLDG CODE PLANS EXAM/ENGR: NM

DATE	XXXXXXXXXXXX MASTER USE COMPONENT	AC-TION	FEE

OWNER/LESSEE: JOHN PERINE JR
CONTACT PERSON: MARK BROWN
PHONE: 4835657
ADDRESS: P.O. BOX 1543, WOODINVILLE, WA
ZIP: 98072
CONTRACTOR: ADVANCED FIRE PROTECTION
UC NO: FP19986

DATE	XXXXXXXXXXXX STREET USE COMPONENT	AC-TION	FEE

DIRECTOR OF CONSTRUCTION & LAND USE BY: Marcus Davis

XXXXXXXXXXXX FEE

DATE PERMIT ISSUED	CONSTRUCTION EXPIRATION DATE	LAND USE EXPIRATION DATE
960116	970716	

TOTAL PERMIT FEES: 388.50

NOTICE TO THE APPLICANT: The Department of Construction and Land Use cannot guarantee any specific time frame for project review. The applicant shall determine applicability of and compliance with all relevant codes. DCLU permit action is based upon information supplied by the applicant. The Department reserves the right to require additional information. Field revisions on issued permits may be required if errors or omissions are discovered.

Construction or substantial progress toward construction of a project for which a Master Use Permit or construction permit has been granted must be undertaken prior to the expiration date. Extension of the construction permit without penalty may be granted if application is made within the 30 days prior to the date of expiration. Additional fees will be assessed to reinstate an expired permit.

Not valid unless signed by the DIRECTOR OF THE DEPARTMENT OF CONSTRUCTION AND LAND USE. Starting construction without a building permit is punishable by fine and/or imprisonment. All work shall be done in accordance with the permit and approved plans. Call for inspection before placing any concrete or installing any piling on private property. Phone 684-8900.

I certify that I have read the above notice, and that to the best of my knowledge, the information which I have provided is complete and accurate.

APPLICANT'S SIGNATURE: Heather M. Russell DATE: 1-16-96

APPLICANT'S RELATIONSHIP TO PROJECT:

0019555

City of Seattle
Department of Construction and Land Use

Building or Mechanical Permit Contact Disclosure Form

Washington State law requires posting of this information for all projects with a value of more than $5000 and the disclosure of the contractor and license number whenever a contractor is used. This form must be posted on the jobsite along with the permits for this project. All categories on this form must be completed. The owner or owner's agent is responsible for the accuracy of this information.

This information is required at application filing:

Permit Number: 683920

Project Number 950 6581
Site Address 820 S. Adams
Legal Description/Tax Number 395890-0040
Property Owner's Name John Perine Jr
Address 625 Industrial Road
Phone San Carlos, CA 94070

To be completed as soon as the information is available, but prior to the start of any work authorized under the permit noted above.

☐ Owner/lessee to serve as contractor for all work
or Prime Contractor's Firm Name Advanced Fire Protection, Inc
Contact Name Mark Brown
Address P.O. Box 1543 Woodinville, WA 98072
Phone 483-5657 Contractor's License # ADVANFP 199B6
Exp. 1/2/96 am JR

☐ Lending Institution or ☐ Construction Bonding Agent
Firm Name
Contact Name
Address
Phone

Required at the time of permit issuance:

☑ All required information has been provided at the time of permit issuance.

☐ I hereby acknowledge that I have not selected the contractor and therefore have not provided information on the contractor as required. I understand that the information on the contractor will be required to be provided on the job site prior to the start of any work authorized by the permit noted above.

Name Heather Russell Relationship Secretary

Required at start of work if information is not provided:

Noncompliance: Owner must sign here if complete information is not provided prior to the start of the work authorized on the above referenced permit.

I refuse to comply with this request for information as required by RCW 19.27.095

Name _____ Signature _____ Date _____

J:\users\pubinfo\pm\ContDisc.pm5 bjs 101795

00-1956

KING COUNTY DEPARTMENT OF ASSESSMENTS — PAI11080-S1
REAL PROPERTY LEGAL DESCRIPTION — 12/29/94

SEA1
ACCOUNT NUMBER: 326890-0040-0 — PROPERTY ADDRESS: 820 S ADAMS ST
TAXPAYER NAME: PERINE JOHN CO — QTR: SE SECT: 17 TWN: 24 RNG: 04 FOLIO: C02913-A- SUBAREA: 320-000

LEGAL DESCRIPTION - PAGE 1 NOTE: READ LEGAL LINES LEFT TO RIGHT ACROSS SCREEN.
LOT 3-4 BLOCK 2 & PLAT: LADDS 1ST ADD TO S SEATTLE

(LADDS 1ST ADD TO S SEATTLE
TGW POR OF LOTS 7 & 8 BLK 30
OF VAC ALLEY ADJ

LOTS 3 & 4 BLK 2 IN LADDS
IN SOUTH SEATTLE ADD LY ELY

1ST ADD TO S SEATTLE
OF N P RY R/W TGW ALL

KING COUNTY DEPARTMENT OF ASSESSMENTS — PAI11080-S1
REAL PROPERTY LEGAL DESCRIPTION — 12/29/94

SEA1
ACCOUNT NUMBER: 788610-1280-0 — PROPERTY ADDRESS: 820 S ADAMS ST
TAXPAYER NAME: PERINE JOHN CO — QTR: SE SECT: 17 TWN: 24 RNG: 04 FOLIO: C0291?- - SUBAREA: 320-000

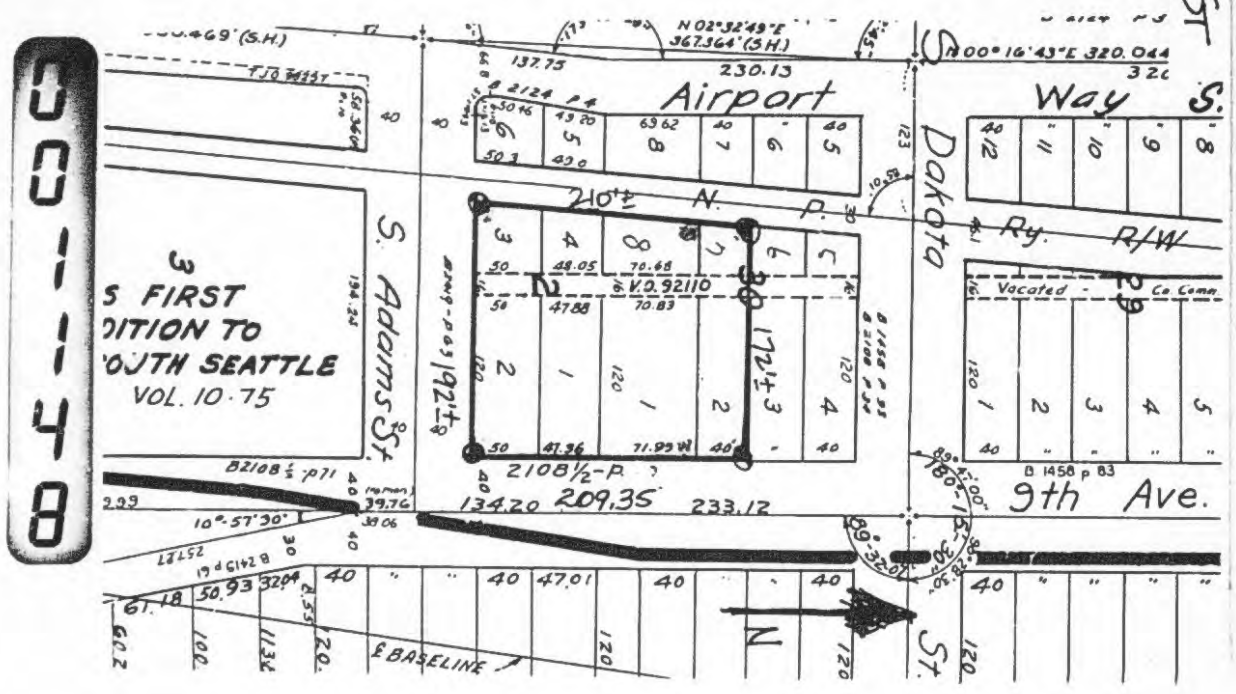
LEGAL DESCRIPTION - PAGE 1 NOTE: READ LEGAL LINES LEFT TO RIGHT ACROSS SCREEN.
LOT 1-2 BLOCK 30 & PLAT: SOUTH SEATTLE ADD

(SOUTH SEATTLE ADD)
BLK 2 IN LADDS 1ST ADD TO

LOTS 1 & 2 BLK 30 IN SOUTH
S SEATTLE

SEATTLE ADD TGW LOTS 1 & 2

820 S ADAMS ST



00-1148

IF THE IMAGE YOU ARE VIEWING IS NOT CLEAR AS THIS, THEN THE IMAGE WAS A POOR DOCUMENT.
DCLU MICROFILM PROCESSING – 1996

DEPARTMENT OF CONSTRUCTION AND LAND USE CONSTRUCTION PERMIT INSPECTIONS REPORT

ADDRESS: 00820 S ADAMS ST PERMIT #: 683920 CONST #: 7

SPECIAL APPROVALS — COMPLETED ON
FIRE — 1996-03-26

BUILDING ID: 1

1996-03-26 FINAL — APPROVED
NOTES:
VERIFIED S.F.D. BY SCOTT STEED THIS DATE.

INSPECTOR: BERG, ROBERT

Berg

Your
Seattle
Fire Department

PLAN REVIEW NO. 7003

Claude Harris, Chief
Norman B. Rice, Mayor

December 21, 1995

Advanced Fire Protection
PO Box 1543
Woodinville, WA 98072

RE: 820 S. Adams St.
Automatic Sprinkler System

PLAN APPROVED

This plan is approved, subject to Ordinance, field inspection, and providing the following corrections are made:

1. The owner shall contact 386-1344 (Inspector Ramos) for high-piled stock permit information.
2. The 0.325 density is acceptable for Class II commodity, non-encapsulated storage up to 20 feet with 8 feet wide aisles.
3. Earthquake bracing shall be spaced a maximum of 80 feet apart for longitudinal and 40 feet for lateral per N.F.P.A. 13-1991, Section 4-5.4.3.5.2 and 4-5.4.3.5.4.
4. The contractor shall call the Fire Department at 386-1443, Engineering section, to schedule an inspection of:
   - Hydrostatic test.
   - Final acceptance.

Very truly yours,

CLAUDE HARRIS, CHIEF
Seattle Fire Department

Doug Fisher
Fire Protection Engineer

DF:dlk

cc: Department of Construction and Land Use 9506581

BC-17 8.00

ORIGINAL

Building Permit Fee 30.00

Electrical Fee ____

Insurance .50

TOTAL FEE 38.50

Receipt No. 62767

CITY OF SEATTLE

DEPARTMENT OF BUILDINGS

SIGN PERMIT

NOT VALID UNLESS SIGNED BY SUPERINTENDENT OF BUILDINGS

B 5278

INDEX CARD By ____

57E

KROLL PAGE NO.

B 5278

PERMIT NUMBER

STREET USE PERMIT NUMBER

At 820 (Number) S. Adams (Street), on Lot 7 Block 2

of Ladds Add to S. Seattle Addition, Lot is ____ x ____ Alley ____

Zoning	Height Limit	Fire Zone	Owner's Value	Bldg.Dept. Value	Life of Permit	Plans Filed (Yes / No)	Clerk
I G		3	$500		1 year	No	Own

Permission is hereby given to do the following described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

S.E.P.A. ACTION

Catagorical Exemption — GK

Worksheet Filed

USE OF CIRCUIT	NUMBER Outlets	NUMBER Circuits	Watts Per Circuit	Amps.Per Circuit	Gauge of Wire	No. of MOTORS	Voltage	A.C. or D.C. and Phase	H.P.	Load in Amps
Sign										
Misc.										

Sockets Yes ☐ No ☐ Number of Sockets ____ Receptacles ____ Switches ____

Size of Service Entrance Conductors 1 Ø ____ 3 Ø ____ A.W.G.

Size of Ground ____ Size of Entrance Switch ____ Size of Entrance Fuses ____

To ~~Erect~~ Paint And Maintain on Wall Sign 4' x 24'
at 820 S Adams Street All Private Prop.

Shop Inspection ☐ Field Inspection ☐ Label No. ____ Sign Size 4 x 24'

Owner John Perine Co Address 820 S Adams Ph. ____

Contractor Foley Sign Co Ph. 624-1307

State Contr's. License No. 223-0213362

State Electrical Contr's. License No. ____

Address 228 5th N

Application made 9-11, 1978

Permit issued 9-11, 1978

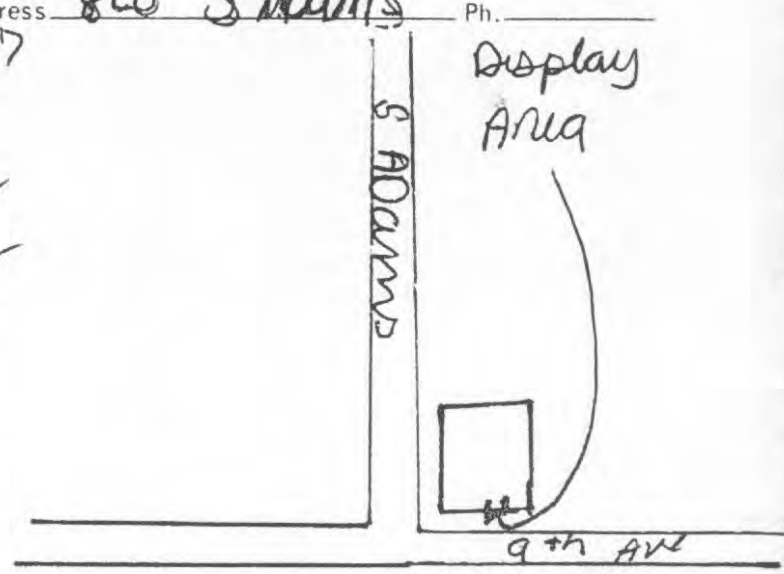
I have read the conditions of this permit and I agree that I will do the work described above in conformance with the applicable codes and the approved plans.

Signed John Perine Co (Owner)

By Craig Clampitt (Owner's Authorized Agent)

SUPERINTENDENT OF BUILDINGS.

By [signature]



Plan of Sign Z → Z →

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Concrete must not be poured, work must not be covered or current turned on before inspection and O.K. for pouring concrete, covering or service has been given by inspector in writing on permit placard. Phone: 583-4400 for inspection.

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK

PLANS MUST BE FOLLOWED EXACTLY. CALL FOR INSPECTION BEFORE POURING ANY CONCRETE. BE SURE OF SETBACKS AND YARDS REQUIRED BY ZONING ORDINANCES.

FORM 991

5931
FEE RECEIPT NUMBER

EN ______
A 545262
PERMIT NUMBER

CITY OF SEATTLE—DEPARTMENT OF BUILDINGS

APPLICATION AND ELECTRICAL PERMIT

INDEX CARD

PAID ON ACCOUNT		Yes	No			
BALANCE						
T & M PRICE			✓		10 days	Office
CONTRACT PRICE	~~11.55~~					
TOTAL FEE	12.00	Plans Filed		No. Stories	Time To Complete	Legal Occupancy

Job Address 820 – So Adams St

Owner John Perine Co Owner's Address Same

Installers Address 433 – 8th No

Installation By Cefco Installers Phone 622 – 7461

Application is hereby made for Permit to install Electrical Equipment as follows: Extend outlets and hang 6 fixtures

State Electrical Contr's. License No. C 103 Wiring Method ______

	USE OF CIRCUIT	NUMBER Outlets	NUMBER Circuits	Watts Per Circuit	Amps. per Circuit	Gauge of Wire	No. of MOTORS	Voltage	D.C. or A.C. and Phase	H.P.	Load in Amps.
1.50	Light EXTEND	6									
	Convenience										
	Appliance (Kitchen)										
	Appliance (Laundry)										
	Range										
	Water Heater										
	Furnace										
	Dryer										
	Disposal ☐ Dishwasher ☐										
	Feeder										
	Sign										
	Electric Heat										
	Misc.										

S.E.P.A. ACTION	
Catagorical Exemption	Worksheet Filed

Sockets Yes ☒ No ☐ Number of Sockets 12 Receptacles ______ Switches ______

3.00
7.50
11.75
12.00

Size of Service Entrance Conductors 1 Φ 3 Φ ______ A. W. G.

Size of Ground ______ Size of Entrance Switch ______ Size of Entrance Fuses ______

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code.

Date Application made ______, 19____ By Lorne Campbell
Contractor or Owner (or Authorized Agent)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

SUPERINTENDENT OF BUILDINGS,

By Gordon
PLANS APPROVED

Date Permit Issued 5/2/75

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit Placard. A-Permits Phone: 583-2700 EN-Permits Phone: Ext. 4-4650.

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK ORIGINAL

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
5-6-75	Larsen	Checked job progress .
		C.K. FOR COVERING
		O.K. TO CONNECT SERVICE
5/8/75	Larsen	FINAL O.K.

DO NOT WRITE IN THIS MARGIN

FORM 551

BN. 19337 $41.50
FEE RECEIPT NUMBER

A 541813
PERMIT NUMBER

CITY OF SEATTLE—DEPARTMENT OF BUILDINGS

APPLICATION AND ELECTRICAL PERMIT

PAID ON ACCOUNT					
BALANCE					
T & M PRICE		Yes / No			Comm
CONTRACT PRICE					
TOTAL FEE		Plans Filed	No. Stories	Time To Complete	Legal Occupancy

Job Address 820- S Adams

Owner Perini Co. **Owner's Address** Same

Installation By Cottage Elec. **Installers Address** P.O. Box 535

Installers Phone 486-1751

Application is hereby made for Permit to install Electrical Equipment as follows:

add disconn + sub panel + wire office

State Electrical Contr's. License No. B 685 Wiring Method Pipe

USE OF CIRCUIT	NUMBER Outlets	NUMBER Circuits	Watts Per Circuit	Amps. per Circuit	Gauge of Wire	No. of MOTORS	Voltage	D.C. or A.C. and Phase	H.P.	Load in Amps
Light	18	2		20	#12					
Convenience	16	2		20	12					
Appliance (Kitchen)										
Appliance (Laundry)										
Range										
Water Heater										
Furnace										
Dryer										
Disposal ☐ Dishwasher ☐										
10 00 Feeder	1	1		100	#2					
Sign										
Electric Heat	3	2	3500	20	12					
Misc.										

Sockets Yes ☒ No ☐ Number of Sockets 36 Receptacles _____ Switches _____

Size of Service Entrance Conductors 1 Ø 100 amp Fuses _____ A. W. G.

Size of Ground #4 Cu Size of Entrance Switch Breaker Size of Entrance Fuses _____

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code.

Date Application made 10/17/74, 19__ By Ted Skogen
Contractor or Owner (or Authorized Agent)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

10-17-74
Date Permit Issued

SUPERINTENDENT OF BUILDINGS,
By O Olsen
PLANS APPROVED

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit Placard. A.-Permits Phone: 583-2700 EN.-Permits Phone: EM. 4-4650.

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK ORIGINAL

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
10/21/74	Magers	Install ground wire in flex. Ok to cover office area.
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.
12/15/75	Larsen	Expired

DO NOT WRITE IN THIS MARGIN

7178
FEE RECEIPT NUMBER

EN A 545934
PERMIT NUMBER

CITY OF SEATTLE—DEPARTMENT OF BUILDINGS

APPLICATION AND ELECTRICAL PERMIT

INDEX CARDS

PAID ON ACCOUNT		Yes No			Office
BALANCE					
T & M PRICE					
CONTRACT PRICE					
TOTAL FEE	48.25	Plans Filed	No. Stories	Time to Complete	Legal Occupancy

Job Address 820 South Adams

Owner John Renne Co Owner's Address Same

Installation By City Electric & Fixture Co Installers Address 433 8th Ave N.

Installers Phone 622 7461

Application is hereby made for Permit to install Electrical Equipment as follows: Hang fixtures - extend circuits wire one receptacle for Air Cond.

State Electrical Contr's. License No. C 103 Wiring Method Conduit

USE OF CIRCUIT	NUMBER Outlets	NUMBER Circuits	Watts Per Circuit	Amps. per Circuit	Gauge of Wire	No. of MOTORS	Voltage	D.C. or A.C. and Phase	H.P.	Load in Amps.
Light extend	1				#12					
Convenience extend	1				#12					
Appliance (Kitchen)										
Appliance (Laundry)										
Range										
Water Heater										
Furnace										
Dryer										
Disposal ☐ Dishwasher ☐										
Feeder										
Sign										
~~Electric Heat~~ Air Cond.	3	3		9.3	#12					
Misc. Air Cond.	1	1		19.	#10					

5.00
39.00
1.25
7.50

Sockets Yes ☒ No ☐ Number of Sockets 4 Receptacles 1 Switches

Size of Service Entrance Conductors 1 φ ______ 3 φ Existing A. W. G.

Size of Ground ______ Size of Entrance Switch ______ Size of Entrance Fuses ______

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code.

Date Application made May 22, 1975 By D.E. Jurgensen
Contractor or Owner (or Authorized Agent)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

SUPERINTENDENT OF BUILDINGS,

Date Permit Issued 6/9/75 By Gordon
PLANS APPROVED

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering, or service has been given by inspector in Writing on Permit Placard. A-Permits Phone 583-2700 EN-Permits Phone EM. 4-4650

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK

ORIGINAL

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
4/7/76	Larden	FINAL O.K.

DO NOT WRITE IN THIS MARGIN

FEE RECEIPT NUMBER

Electrical A- PERMIT NUMBER

CITY OF SEATTLE—DEPARTMENT OF BUILDINGS
APPLICATION AND ELECTRICAL PERMIT

INDEX CARD

TOTAL FEE	$9.00	F103 CONT. LIC. NO.	TIME TO COMPLETE	NO. STORIES	Whse LEGAL OCCUPANCY

Job Address 816 South Adams

CORRECT ADDRESS IS RESPONSIBILITY OF APPLICANT - PERMITS WITH WRONG ADDRESSES ARE CANCELLED

Owner John Perine Co — Installation By City Electric & Fixtures

Owner's Address 820 South Adams — Installers Address 433 8th Ave North

Installation Phone MA2 4450 — Installers Phone MA2 7461

Application is hereby made for Permit to install Electrical Equipment as follows: one circuit - 2 switch & fixtures

Wiring Method Conduit

USE OF CIRCUIT	NUMBER CIRCUITS	AMP PER CIR	120V 1 Ø	240V 1 Ø OR 3 Ø	FEE
LIGHT					
LIGHT	1	20	1		12.00
CONVENIENCE					
CONVENIENCE					
APPLIANCE					
DISHWASHER					
DISPOSAL					
RANGE					
WATER HEATER					
LAUNDRY					
DRYER					
FURNACE GAS - OIL					
FURNACE ELECTRIC					
ELECTRIC HEAT					
ELECTRIC HEAT					
A. C. UNIT					
FEEDER					
FEEDER					
SERVICE					
SUB TOTAL					

USE OF CIRCUIT	NUMBER CIRCUITS	AMP PER CIR	120V 1 Ø	240V 1 Ø OR 3 Ø	FEE
SIGN					
50 VOLTS OR LESS					
MOTOR					
MOTOR					
MOTOR					
MISC.					
REINSTALLATION LIGHT FIXTURE #					
SUB TOTAL FEE					12.00
BASIC FEE					7.00
TOTAL FEE					19.00

SIZE OF SERVICE SWITCH OR CIRCUIT BREAKER

AMP _____ PHASE

SIZE OF SERVICE ENTRANCE CONDUCTORS

Existing A.W.G.

SIZE OF GROUND _____ SIZE OF ENTRANCE SWITCH _____

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code.

Date Application made March 23, 1928 By D C Ferguson

CONTRACTOR OR OWNER (OR AUTHORIZED AGENT)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

SUPERINTENDENT OF BUILDINGS,

3-31-78 By Gordon

Date Permit Issued PLANS APPROVED

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit Placard. A. - Permits Phone: 625-2301

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK — SEE OVER —

ORIGINAL

REPORT OF INSPECTOR

DATE OF VISIT	MADE BY	REMARKS
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
4-3-78	Cole	FINAL O.K.

DO NOT WRITE IN THIS MARGIN

FEE RECEIPT NUMBER 54727

PERMIT NUMBER [redacted]

CITY OF SEATTLE—DEPARTMENT OF BUILDINGS
APPLICATION AND ELECTRICAL PERMIT

TOTAL FEE	$9.00	F 103			Whse
		CONT. LIC. NO.	TIME TO COMPLETE	NO. STORIES	LEGAL OCCUPANCY

Job Address 816 South Adams

CORRECT ADDRESS IS RESPONSIBILITY OF APPLICANT - PERMITS WITH WRONG ADDRESSES ARE CANCELLED

Owner John Perine Co — Installed By City Electric & Fixture Co

Owner's Address 820 South Adams — Installers Address 433 8th Ave North

Installation Phone MA 2 4450 — Installers Phone MA 2 7461

Application is hereby made for Permit to install Electrical Equipment as follows: one circuit - 2 switch & fixtures

Wiring Method Conduit

USE OF CIRCUIT	NUMBER CIRCUITS	AMP PER CIR	120V 1 Ø	240V 1 Ø OR 3 Ø	FEE
LIGHT					
LIGHT	1	20	1		12.00
CONVENIENCE					
CONVENIENCE					
APPLIANCE					
DISHWASHER					
DISPOSAL					
RANGE					
WATER HEATER					
LAUNDRY					
DRYER					
FURNACE GAS - OIL					
FURNACE ELECTRIC					
ELECTRIC HEAT					
ELECTRIC HEAT					
A. C. UNIT		1			
FEEDER					
FEEDER					
SERVICE					
SUB TOTAL					

USE OF CIRCUIT	NUMBER CIRCUITS	AMP PER CIR	120V 1 Ø	240V 1 Ø OR 3 Ø	FEE
SIGN					
50 VOLTS OR LESS					
MOTOR					
MOTOR					
MOTOR					
MISC.					

REINSTALLATION LIGHT FIXTURE #	
SUB TOTAL FEE	$2.00
BASIC FEE	7.00
TOTAL FEE	$9.00

SIZE OF SERVICE SWITCH OR CIRCUIT BREAKER

_____ AMP _____ PHASE

SIZE OF SERVICE ENTRANCE CONDUCTORS

Existing A.W.G.

SIZE OF GROUND SIZE OF ENTRANCE SWITCH

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code.

Date Application made March 23, 1928 By [signature] Ferguson
CONTRACTOR OR OWNER (OR AUTHORIZED AGENT)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with the Ordinances of the City of Seattle.

SUPERINTENDENT OF BUILDINGS,

3-31-78 By Gordon
Date Permit Issued PLANS APPROVED

WARNING

Notify Building Department by Street Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit Placard. A. - Permits Phone: 625-2301

PERMIT PLACARD MUST BE KEPT POSTED ON THE WORK — SEE OVER —

ORIGINAL

35418
FEE RECEIPT NUMBER

735565
PERMIT NUMBER

OK

CITY OF SEATTLE - DEPARTMENT OF CONSTRUCTION AND L[illegible]ND USE
APPLICATION AND ELECTRICAL PERMIT

TOTAL FEE	CONT. LIC. NO	NO. STORIES	LEGAL OCCUPANCY
137.40			

ELECTRICAL PERMIT ONLY—NO OCCUPANCY OR USE ESTABLISHED UNDER THIS PERMIT

Job Address 820 S ADAMS ST Zip 98108

Legal Address L - Assessor's Parcel No.

CORRECT ADDRESS IS RESPONSIBILITY OF APPLICANT. PERMITS WITH WRONG ADDRESSES ARE CANCELLED

Owner JOHN PERRINE CO. Installed By WEST PAC ELEC.

Owner's Address 820 S ADAMS ST Installer's Address 19604 44TH AVE NE

Phn 682-9755 City RENTON Zip 98108 Phone 486-8820 City WOODINVILLE Zip 98052

Application is hereby made for Permit to install Electrical Equipment as follows.

addition & Permit A732425

ITEM	NO	AMPS	120V 1Ø	208V 277V 1Ø OR 3Ø	460V 3Ø	FEE
RECEPTACLES	5	20	✓			4.50
LIGHT OUTLETS						
SWITCHES	1	15	✓			.90
FIXTURES (COMM.)	7		✓			6.30
FLOOD LIGHT						
TRACK LIGHTING (TOTAL FOOTAGE)						
APPLIANCES CORD-PLUG 15-25A						
OR DIRECT WIRED 30-50A						
X-RAY						
WATER HEATER	1		✓			15.00
DIMMER (COMM.)						
DATA PROCESSING UNIT						
FURNACE ELECTRIC						
ELECTRIC HEAT (WATTS PER UNIT)	4					12.80
ELECTRIC HEAT (WATTS PER UNIT)						
FEEDER	1	100		✓		29.30
FEEDER						
SERVICE						
NUMBER OF METERS		SUB TOTAL				68.80

ITEM	NO / HP	120V 1Ø	208V 277V 1Ø OR 3Ø	460V 3Ø	FEE
SIGN					
LOW VOLTAGE DEVICES					
LOW VOLTAGE CONTROL UNIT					
MOTOR					
MOTOR Door Opener	1/4				4.00
MOTOR Space Htr	2				6.40
MISC. Combofan	1				3.20
COMMUNICATION SYSTEM (TOTAL FOOTAGE)					
SUB TOTAL FEE					92.40
ENERGY FEE					
BASIC FEE					45.00
TOTAL FEE					137.40

SIZE OF SERVICE SWITCH OR CIRCUIT BREAKER

AMP PHASE

SIZE OF SERVICE ENTRANCE CONDUCTORS

A.W.G.

SIZE OF GROUND SIZE OF ENTRANCE SWITCH

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code

Date Application made 19 By M. Perrine
CONTRACTOR OR OWNER OR AUTHORIZED AGENT

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with Ordinances of the City of Seattle

Expiration Date ONE YEAR FROM DATE OF ISSUANCE

Date Permit Issued 2-12-96

DIRECTOR OF CONSTRUCTION AND LAND USE

By [signature] Gordon

WARNING

Notify Department of Construction and Land Use by Property Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit. Information Phone 684-8900

PERMIT JOB COPY MUST BE KEPT POSTED ON THE WORK — SEE OVER —

0018255

E35532
FEE RECEIPT NUMBER

735772
PERMIT NUMBER

CITY OF SEATTLE - DEPARTMENT OF CONSTRUCTION AND LAND USE
APPLICATION AND ELECTRICAL PERMIT

OK

TOTAL FEE	$131.00	WESTPEI 1010Z CONT LIC NO	NO STORIES	Warehouse LEGAL OCCUPANCY

ELECTRICAL PERMIT ONLY—NO OCCUPANCY OR USE ESTABLISHED UNDER THIS PERMIT

Job Address 820 S. ADAMS ST Zip 98108
Legal Address " — Assessor's Parcel No.
CORRECT ADDRESS IS RESPONSIBILITY OF APPLICANT-PERMITS WITH WRONG ADDRESSES ARE CANCELLED

Owner JOHN PERZINE CO. Installed By WEST PAC ELECTRIC
Owner's Address 820 S ADAMS ST Installer's Address 15604 144TH AVE. NE
Phone 682-9755 City SEATTLE Zip 98108 Phone 486 8200 City WOODINVILLE Zip 98052

Application is hereby made for Permit to install Electrical Equipment as follows SERVICE Only

ITEM	NO	AMPS	120V 1Ø	208V -277V 1Ø OR 3Ø	480V 3Ø	FEE
RECEPTACLES						
LIGHT OUTLETS						
SWITCHES						
FIXTURES (COMM)						
FLOOD LIGHT						
TRACK LIGHTING (TOTAL FOOTAGE)						
APPLIANCES CORD/PLUG OR DIRECT WIRED 15-25A						
APPLIANCES CORD/PLUG OR DIRECT WIRED 30-50A						
X-RAY						
WATER HEATER						
DIMMER (COMM)						
DATA PROCESSING UNIT						
FURNACE ELECTRIC						
ELECTRIC HEAT WATTS PER UNIT						
ELECTRIC HEAT WATTS PER UNIT						
FEEDER						
FEEDER						
SERVICE	2	100		✓		86
NUMBER OF METERS		2	SUB TOTAL			

ITEM	NO / HP	120V 1Ø	208V -277V 1Ø OR 3Ø	480V 3Ø	FEE
SIGN					
LOW VOLTAGE DEVICES					
LOW VOLTAGE CONTROL UNIT					
MOTOR					
MOTOR					
MOTOR					
MISC					
COMMUNICATION SYSTEM (TOTAL FOOTAGE)					
SUB TOTAL FEE					86
ENERGY FEE					
BASIC FEE					45
TOTAL FEE					131

SIZE OF SERVICE SWITCH OR CIRCUIT BREAKER 100 AMP 1Ø & 3Ø PHASE
SIZE OF SERVICE ENTRANCE CONDUCTORS (2) (#2 Cu & #4) AWG
SIZE OF GROUND #6 SIZE OF ENTRANCE SWITCH 2 100A

I certify that the work to be performed under this permit will be done by the installer and in conformance with the Seattle Electrical Code

Date Application made 2-15 1996 By M. [signature]
CONTRACTOR OR OWNER (OR AUTHORIZED AGENT)

Permission is hereby given to do the above described work, according to the conditions hereon and according to the approved plans and specifications pertaining thereto, subject to compliance with Ordinances of the City of Seattle

DIRECTOR OF CONSTRUCTION AND LAND USE

Expiration Date ONE YEAR FROM DATE OF ISSUANCE
2-15-96 By Gordon
Date Permit Issued

WARNING

Notify Department of Construction and Land Use by Property Address and Permit Number when ready for inspection. Work must not be covered or current turned on before inspection and O.K. for covering or service has been given by Inspector in Writing on Permit. Information Phone 684-8900

PERMIT JOB COPY MUST BE KEPT POSTED ON THE WORK — SEE OVER —

00002144

REPORT OF INSPECTOR

820 - S. Adams St. 732925

DATE OF VISIT	MADE BY	REMARKS
12-4-95	[illegible]	Look's Like permit will need to be adjusted at final to reflect all work (elec heat, etc).
		OK Cover wall's office space both floor's & hard lid 1st Flr, also walls & hard lid in Rest Room.
		O.K. FOR COVERING
		O.K. TO CONNECT SERVICE
		FINAL O.K.

ENERGY CODE
Key Area Inspection Form

```
00023Ø008, JOHN PERINE JR              00820 S ADAMS                ST
     BUILDING ID S 1                                PROJECT NR: 9500539
AD CONSTRUCT WAREHOUSE ADDITION TO EXISTING BUILDING,         AGG (PS)
D  DEMOLISH 11000 SF. OF EXISTING WAREHOUSE,        CN: 950202 LU: 950202
O  PER PLANS                                        REV
                                                    REV
                                                    REV               CX
```

Permit Number: 682036 Plan Examiner: T. Ross

Inspector: ______ Date: 2-2-95 Applicable Energy Code (specify year) Nov 94

1. BUILDING ENVELOPE NA

(a) **PRESCRIPTIVE** - Compliance with Table 6-1, 6-2 or 13-1 prescriptive standards? (circle one) Yes No

If yes, option number for insulation, maximum glazing U-factor and maximum shading coefficient are (circle):

		I	II	III	IV	V	VI	VII	VIII
(Table 6-1,6-2)	Option for insulation:	I	II	III	IV	V	VI	VII	VIII
(Table 6-1)	Group R Occ., max. glazing U-factor, electric:	0.46	0.43	0.40	0.40	0.39	0.36	0.32/0.35	0.29/0.32
(Table 6-2)	Group R Occ., max. glazing U-factor, other fuels:	0.70	0.65	0.75	0.65	0.60	0.45/0.50	0.40/0.45	
(Table 13-1)	Other than Group R Occ., maximum U-factor:	0.40	0.90	0.75	0.65	0.60	0.50	0.40	0.35
(Table 13-1)	Other than Group R Occ., max. shading coeff.:	1.00	1.00	1.00	0.80	0.65	0.45	0.30	0.35

(b) **OTHER** - If Chapter 5 or 13 Target UA tradeoff or Chapter 4 or RS-29 system analysis, list changes from reference case prescriptive requirements and list plan sheet numbers. (Attach Target UA form.)

______

______

2. MECHANICAL EQUIPMENT NA unco. ditioned space

(a) **GROUP R OCCUPANCY:**

SYSTEM TYPE - Is electric heat allowed (other than heatpump)? Yes No

EQUIPMENT EFFICIENCY - If electric is prohibited, minimum required is (circle one value for each fuel type):

Heatpump - 6.35 HSPF (low) 6.80 HSPF (medium) 7.40 HSPF (high) ____ HSPF (other)

Gas/oil furnace - 74% AFUE (low) 78% AFUE (medium) 88% AFUE (high) ____ AFUE (other)

EQUIPMENT SIZE - Minimum required and maximum allowed are (complete for all units):

Floor Number	Unit Number	Min. Output Btuh/Watts	Max. Output Btuh/Watts	Floor Number	Unit Number	Min. Output Btuh/Watts	Max. Output Btuh/Watts

(b) **OTHER THAN GROUP R OCCUPANCY:**

SYSTEM TYPE - Is electric heat allowed (other than heat pump and VAV)? Yes No

Special requirements due to computer modeling or other factors: ______

3. LIGHTING

(a) Compliance path? (1) __ less than 60% new and wattage reduced (2) __ prescriptive lighting option (3) __ lighting power allowance form; (4) __ plan & schedule;

If (3) or (4):

Table 15-1 Use	Watts/SF		Area		Watts Allowed
warehouse	.5	x	10,631	=	5315.5
		x		=	
		x		=	
		x		=	

(b) If automatic lighting controls required, check here ______

[illegible]

C:\pm5\KEYAREA.pm5 bpe 3/94

1994 Washington State Nonresidential Energy Code Compliance Form

Lighting Summary — LTG-SUM

1994 Washington State Nonresidential Energy Code Compliance Forms — April, 1994

9500589

Project Info		
Project Address	820 S. ADAMS ST. SEATTLE WASHINGTON 98108	Date 1-20-95
Applicant Name:	LON WOODWARD / G.C. CONSTRUCTION	For Building Department Use: 682036
Applicant Address:	P.O. BOX 1650 WOODINVILLE WA. 98072	
Applicant Phone:	206-481-4222	

Project Description — ☒ New Building ☐ Addition ☒ Alteration

Compliance Option — ☐ Prescriptive ☒ Lighting Power Allowance ☐ Systems Analysis (See Qualification Checklist (over). Indicate Prescriptive & LPA spaces clearly on plans.)

Alteration Exceptions (check appropriate box) — ☐ No changes are being made to the lighting ☐ Less than 60 % of the fixtures are new, and installed lighting wattage is not being increased

Maximum Allowed Lighting Wattage (Interior)

Location (floor/room no.)	Occupancy Description	Allowed Watts per ft² **	Area in ft²	Allowed x Area
WHSE.	STORAGE	0.5	10,631	~~5400~~ 5315.5
			Total Allowed Watts	

** From Table 15-1 (over) - document all exceptions taken from footnotes

Proposed Lighting Wattage (Interior) (May not exceed Total Allowed Watts for Interior)

Location (floor/room no.)	Fixture Description	Number of Fixtures	Watts/ Fixture	Watts Proposed
WHSE.	400 W METAL HALIDE HI-BAY	11	400	4400
			Total Proposed Watts	

Total Proposed Watts may not exceed Total Allowed Watts for Interior

Maximum Allowed Lighting Wattage (Exterior) N/A

Location	Description	Allowed Watts per ft² or per lf	Area in ft² (or lf perimeter)	Allowed Watts x ft² (or x lf)
Covered Parking		0.2 W/ft²		
Open Parking		0.2 W/ft²		
Outdoor Areas		0.2 W/ft²		
Bldg. (by facade)		0.25 W/ft²		
Bldg. (by perim)		7.5 W/lf		
			Total Allowed Watts	

Note: for building exterior, choose either the facade area or the perimeter method, but not both)

Proposed Lighting Wattage (Exterior) (May not exceed Total Allowed Watts for Exterior) N/A

Location	Fixture Description	Number of Fixtures	Watts/ Fixture	Watts Proposed
			Total Proposed Watts	

Total Proposed Watts may not exceed Total Allowed Watts for Exterior

0013009

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

PERMIT # : 735665 PLAN TYPE: ____ ADDRESS: 820 - 5 Adams

DATE: 3-4-96 CONTRACTOR: West Pac JOB SITE: Wadhouse

TYPE OF INSPECTION

	APPROVED	NOT APP.		APPROVED	NOT APP.
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☐ COVER CEILINGS	☐	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☐ SERVICE	☐	☐
☐ FEEDER	☐	☐	☒ FINAL	☒	☐
☐ FEEDER: MISC.	☐	☐	☐ _____	☐	☐

☐ BLANKET DO NOT CLEAR ☐ OK TEMP. ELECT. ☐ PERMIT CLEARED

☐ BLANKET PERMIT VALUE: _____ ☒ REGULAR HOURS

INSPECTOR ID: _____ ☐ OVERTIME HOURS

SIGNED: _____ Phone #: _____ INSPECTION TIME: _____

DESCRIPTION/CORRECTIONS/CONDITIONS:

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN ____ WORKING DAYS
CALL FOR RE-INSPECTION

0-1-3-1-0

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

PERMIT #: 735772 PLAN TYPE: ____ ADDRESS: 820 So. Adams ST

DATE: 3-4-96 CONTRACTOR: West Asc JOB SITE: Warehouse

TYPE OF INSPECTION

	APPROVE.	NOT APP.		APPROVED	NOT APP
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☐ COVER CEILINGS	☐	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☒ SERVICE	☒	☐
☒ FEEDER	☒	☐	☒ FINAL	☒	☐
☐ FEEDER: MISC.	☐	☐	☐ _____	☐	☐

☐ BLANKET DO NOT CLEAR ☐ OK TEMP. ELECT. ☐ PERMIT CLEARED

☐ BLANKET PERMIT VALUE: _____ ☒ REGULAR HOURS

INSPECTOR ID: _____ ☐ OVERTIME HOURS

SIGNED: _____ Phone #: _____ INSPECTION TIME: _____

DESCRIPTION/CORRECTIONS/CONDITIONS:

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN ____ WORKING DAYS
CALL FOR RE-INSPECTION

0-131-1

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

PERMIT #: 735665 PLAN TYPE: ______ ADDRESS: 820 - S Adams ST
DATE: 2-26-96 CONTRACTOR: West Pac JOB SITE: Warehouse

TYPE OF INSPECTION

	APPROVED	NOT APP.		APPROVED	NOT APP.
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☐ COVER CEILINGS	☐	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☒ SERVICE	☒	☐
☐ FEEDER	☐	☐	☒ FINAL	☒	☐
☐ FEEDER: MISC.	☐	☐	☐ ______	☐	☐

☐ BLANKET DO NOT CLEAR ☒ OK TEMP. ELECT. ☐ PERMIT CLEARED
Move Sub to Bld
☐ BLANKET PERMIT VALUE: ______ ☒ REGULAR HOURS
INSPECTOR ID: ______ ☐ OVERTIME HOURS
SIGNED: [signature] Phone #: ______ INSPECTION TIME: ______

DESCRIPTION/CORRECTIONS/CONDITIONS:

① Get Supplement for Terminate in Buss Gutter
② Lockout for Heater's or Disconnect's
③ One Zone one control

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN _____ WORKING DAYS
CALL FOR RE-INSPECTION

0013112

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

735665
PERMIT #: 732425 PLAN TYPE: OC ADDRESS: 820 S Adams
DATE: 12-1-95 CONTRACTOR: West Pac Elect JOB SITE: John Perine Co.

TYPE OF INSPECTION

	APPROVED	NOT APP.		APPROVED	NOT APP.
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☒ COVER CEILINGS Tile	☒	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☐ SERVICE	☐	☐
☐ FEEDER	☐	☐	☐ FINAL	☐	☐
☐ FEEDER MISC.	☐	☐	☐ _____	☐	☐

☐ PARTIAL COVER ☐ OK TEMP. ELECT. ☐ PERMIT CLEARED

☐ BLANKET PERMIT VALUE: _____ ☐ BLANKET DO NOT CLEAR

INSPECTOR ID: _____ ☒ REGULAR HOURS ☐ OVERTIME HOURS

SIGNED: _____ Phone #: _____ INSPECTION HOURS: _____

DESCRIPTION/CORRECTIONS/CONDITIONS:

Put - #2 - 100 Amp Services under new permit.

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN _____ WORKING DAYS
CALL FOR RE-INSPECTION

0-1-3-1-3

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

PERMIT #: 735425 PLAN TYPE: ____ ADDRESS: 820 - 5 Adams ST
DATE: 3-4-96 CONTRACTOR: West Bay JOB SITE: Warehouse

TYPE OF INSPECTION

	APPROVED	NOT APP.		APPROVED	NOT APP.
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☐ COVER CEILINGS	☐	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☐ SERVICE	☐	☐
☐ FEEDER	☐	☐	☒ FINAL	☐	☒
☐ FEEDER: MISC.	☐	☐	☐ _____	☐	☐

☐ BLANKET DO NOT CLEAR ☐ OK TEMP. ELECT. ☐ PERMIT CLEARED

☐ BLANKET PERMIT VALUE: _____ ☒ REGULAR HOURS

☐ OVERTIME HOURS

INSPECTOR ID: _____
SIGNED: _____ Phone #: _____ INSPECTION TIME: _____

DESCRIPTION/CORRECTIONS/CONDITIONS:

@ Lockout tabe type not Removable from panel @ Complet Battery Charger outlet installation

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN ____ WORKING DAYS
CALL FOR RE-INSPECTION

0-1-3-1-4

CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE

ELECTRICAL PERMIT INSPECTION REPORT

PERMIT #: 732425 PLAN TYPE: ____ ADDRESS: 820-5 Adams ST
DATE: 3-6-96 CONTRACTOR: West Pac JOB SITE: office warehouse

TYPE OF INSPECTION

	APPROVED	NOT APP.		APPROVED	NOT APP.
☐ COVER UNDERGROUND	☐	☐	☐ COMMUNICATION	☐	☐
☐ COVER SLAB	☐	☐	☐ SECURITY SYSTEM	☐	☐
☐ COVER FLOOR	☐	☐	☐ FIRE ALARM	☐	☐
☐ COVER WALLS	☐	☐	☐ LOW VOLTAGE	☐	☐
☐ COVER CEILINGS	☐	☐	☐ TEMPORARY SERVICE	☐	☐
☐ PARTIAL COVER	☐	☐	☐ SERVICE	☐	☐
☐ FEEDER	☐	☐	☒ FINAL	☒	☐
☐ FEEDER: MISC.	☐	☐	☐ _____	☐	☐

☐ BLANKET DO NOT CLEAR ☐ OK TEMP. ELECT. ☐ PERMIT CLEARED

☐ BLANKET PERMIT VALUE: _____ ☒ REGULAR HOURS

INSPECTOR ID: _____ ☐ OVERTIME HOURS

SIGNED: _____ Phone #: _____ INSPECTION TIME: ____ _____

DESCRIPTION/CORRECTIONS/CONDITIONS:

☐ WARNING: CORRECTIONS MUST BE COMPLETED WITHIN ____ WORKING DAYS
CALL FOR RE-INSPECTION

0-1-3-1-5

L. G. MASSART PLG. & HTG. CO.

PLUMBING HEATING

wuf [redacted]

Fast, Dependable Service

ROUTING 00012

25 October 1957

CITY OF SEATTLE,
Department of Buildings,
501 County City Building,
Seattle 4, Washington.

SUBJECT: Permit No 456606 - 1000 Gal. gasoline storage tank installation.

Attn: Mr. Schaller

Dear Sir:

We certify that the gasoline storage tank at 816-26 Adams has been installed in accordance with the enclosed drawing and in accordance with applicable city codes.

Very truly yours,

L. G. MASSART PLBG & HTG CO.

A. B. Seitz

RECEIVED
OCT 29 1957
DEPT. of BUILDINGS

ABS:emb

Encl:

Subscribed and sworn to me this 25th Day of October 1957.

Edythe M. Berg, Notary Public,
State of Wash., residing at Seattle

RECEIVED
OCT 29 1957
DEPT. of BUILDINGS

[illegible]

00003

Citation Issued for
Work Constructed without
Building Permits at
612 South Adams Street

August 27, 1971

CERTIFIED MAIL

Mr. Robert G. Brown
Brown Engineering Co.
612 South Adams Street
Seattle, Washington 98108

Dear Sir:

Enclosed is Citation No. C112332 issued for a continuing violation of the Building Code (failure to obtain a building permit).

Building Department letters dated October 8, 1970 and November 8, 1970 informed you of the permit requirements of the Building Code.

The reverse side of this citation indicates bail procedure. Bail on previous Citation C0102085 has been paid and the defendant did not ask for a court hearing.

Should you have any questions, you may call Mr. William F. Grubb at 583-2273 or Mr. Ray Johnson at 583-2258.

Very truly yours,

[illegible], P. E.
Superintendent of Buildings

By
[illegible] E. JOHNSON
Technical Staff Assistant

[illegible]
[illegible]
[illegible]

May 19, 197-

Citation issued for
Shed Constructed
Without Building Permit at
812 South Adams Street

00004

Mr. Robert C. Brown
Brown Engineering Co.
812 South Adams Street
Seattle, Washington 98106

Dear Sir:

Enclosed is Citation No. 0105965 issued for a continuing violation of the building code (failure to obtain a building permit).

Building Department letters dated October 8, 1970 and December 8, 1970 informed you of the permit requirements of the Building Code.

The reverse side of this citation indicates bail procedure.

Should you have any questions please call Mr. William T. Grubb, 583-2293 or Mr. Roy Johnson, 583-2296.

Very truly yours,

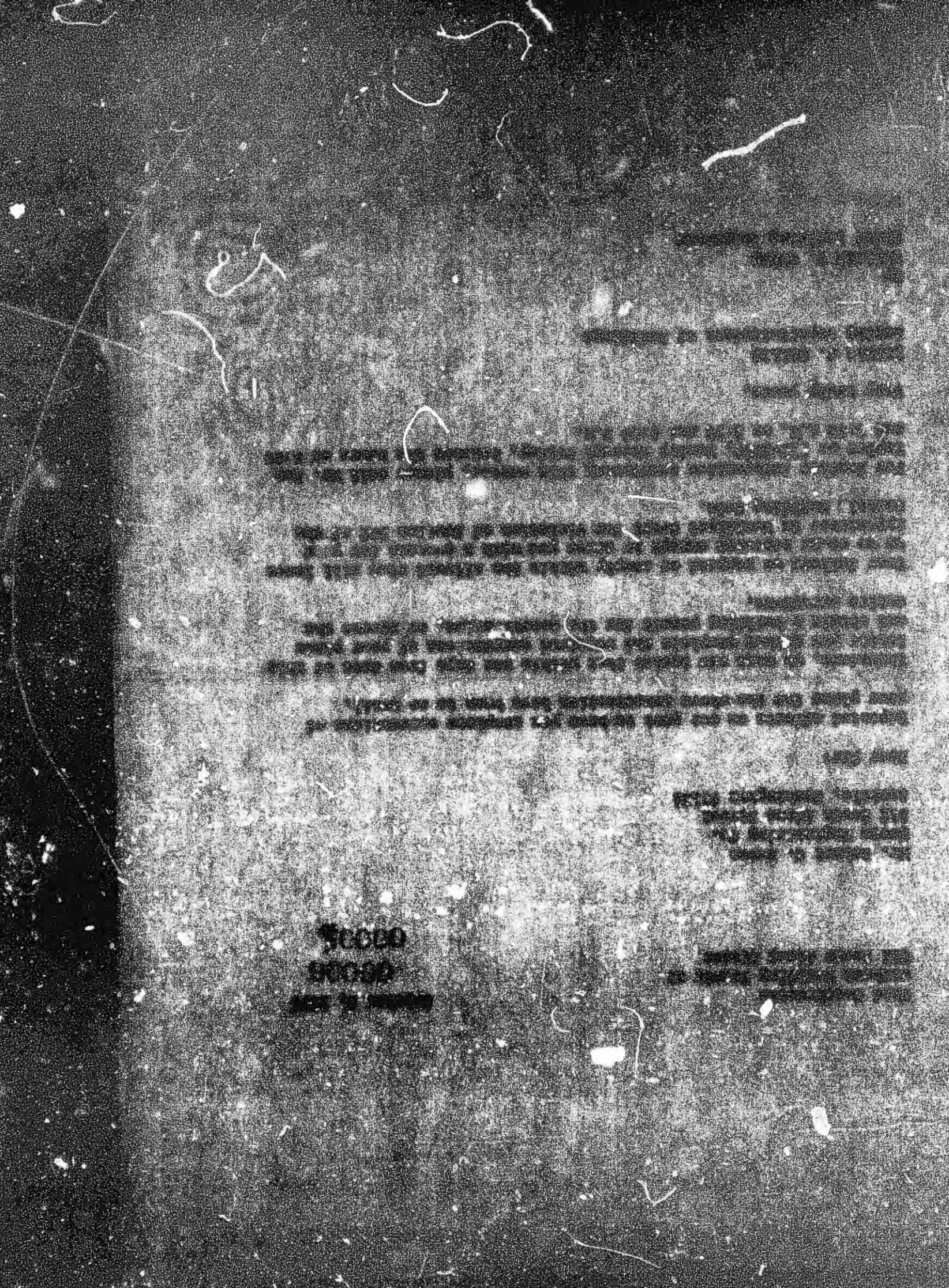
ALFRED PETTY, P. E.
Superintendent of Buildings

By
WILLIAM T. GRUBB
Chief Building Inspector

Enclosure

WTG:hm

00005



Representing
ECLIPSE FUEL ENGINEERING CO.
Also Manufacturers of
SPECIAL COMBUSTION EQUIPMENT
INDUSTRIAL FURNACES AND OVENS
CONTROL EQUIPMENT
WOOD PROCESS EQUIPMENT

BROWN ENGINEERING

812 SOUTH ADAMS STREET
SEATTLE, WASHINGTON 98108
MAIN 2-5420

R. C. BROWN
LICENSED PROFESSIONAL
ENGINEER

July 24, 1970

00007

City of Seattle
Department of Buildings
Seattle Municipal Building
Seattle, Washington 98104
Attention: Mr. William T. Grubb, Chief Building Inspector

Re: Shed Construction, 812 South Adams Street

Gentlemen:

Thank you for your letter of July 20, 1970 concerning the above problem. You will note that attached to this letter is a copy of our Voucher #44955 covering plans presented to the Building Department this date covering the modifications and proposed improvements.

Thank you for your cooperation.

Yours truly,

BROWN ENGINEERING

R.C. Brown, P.E.

RCB/rak

Encl:

RECEIVED
JUL 27
DEPT. of BUILDINGS

[illegible]
[illegible] Building Permit
at 823 South Main Street

[illegible], 1964

Mr. Robert A. Lewis
Lewis Engineering Co.
823 South Main Street
Seattle, Washington 98104

Dear Sir:

In [illegible] to your application to resolve your problems regarding the above referenced [illegible].

Therefore, we have issued this permit on the [illegible] of this letter. You should also understand that [illegible] on this temporary occupancy [illegible], is expiring, and should a building permit for construction.

Your failure to respond or comply with the attached plan will have no other [illegible] except to leave you with a [illegible] for non-compliance with Municipal Code for violation of Section 302 of the Uniform Building Code.

Any further [illegible] regarding this matter, please call Mr. Jim Taylor at 383-2318, Monday through Friday, between the hours of 8:00 and 5:00 p.m.

Very truly yours,

[illegible] J. [illegible]
Acting Superintendent of Buildings

By
[illegible] J. [illegible]
Chief Building Inspector

[illegible]

Engineering
SCANDIA FUEL ENGINEERING CO.
SCHWANK INFRA-RED HEATERS
Also Manufacturers of
SPECIAL COMBUSTION EQUIPMENT
INDUSTRIAL FURNACES AND OVENS
CONTROL EQUIPMENT
FOOD PROCESS EQUIPMENT

BROWN ENGINEERING

812 SOUTH ADAMS STREET
SEATTLE, WASHINGTON 98108
MAIN 2-5420

R. C. BROWN
LICENSED PROFESSIONAL ENGINEER

August 26, 1969

City of Seattle
Department of Buildings
Seattle, Washington 98104
Attention: William T. Grubb, Chief Building Inspector

00999

Gentlemen:

We are in receipt of your letter of August 13, 1969 concerning our Shed Construction in the alley that we acquired.

We are also in receipt of your letter of March 31, 1969 notifying us of the violation of Section 302.

It is my belief that we had responded to your letter of March 31, 1969 but frankly we do not find a copy of the letter.

In talking with your inspector, we pointed out to him that the situation concerning our entire building is now in a very mixed up state due to the Urban Renewal arrangement that is going on in this area at the present time. We have not come to an agreement with the Urban Renewal as to what disposition will be made of the entire building.

The shed was installed as an emergency measure to take care of a project to rebuild furnaces at the time that the Laher Spring Company burned out.

As soon as we know what will happen with the Urban Revewal we will submit plans for our modifications including the Shed Constructed. Thank you for your consideration.

Yours truly,

BROWN ENGINEERING CO.

R.C. Brown

R.C. Brown, P.E.

RCB/rak

8/27/69
OK Recheck 60 day
W.T.G.

RECEIVED
AUG 27 1969
DEPT. of BUILDINGS

Shed Constructed
without Building Permit
at 812 South Adams Street

August 13, 1969

00010

"SECOND AND FINAL NOTICE"

Brown Engineering Co.
812 South Adams Street
Seattle, Washington 98108

Gentlemen:

There has been no response to our notice of March 31, 1969, regarding the above noted construction which was accomplished without a building permit. Recent reinspection reveals the construction has not been removed. This is in violation of Section 302 of the Seattle Building Code.

In order to obtain a building permit, competent plans, in duplicate, must be submitted to this department for approval.

Failure to respond or comply within ten days of the receipt of this letter is sufficient cause for us to have you cited into City Municipal Court.

For further information concerning this matter, please contact Mr. Leonard Seballer on 583-2600, Monday through Friday, between the hours of 8:00 and 9:00 A.M. and 3:30 and 4:00 P.M.

Very truly yours,

C. S. MCCORMICK
Superintendent of Buildings

By
WILLIAM T. GRUBB
Chief Building Inspector

WTG:pc

March 31, 1969

[illegible]ed Constructed Without Permit
at 812 So. Adams St.

00611

Brown Engineering Co.
812 So. Adams St.
Seattle, Wash. 98108

Gentlemen:

Recent inspection and investigation by personnel of this department reveals that the above noted construction has been accomplished without a building permit. This is in violation of Section 302 of the Seattle Building Code.

In order to obtain a building permit, competent plans, in duplicate, must be submitted to this department for approval.

Failure to respond or comply within ten days of the receipt of this letter is sufficient cause for us to have you cited into City Municipal Court.

For further information concerning this matter, please contact Mr. Leonard Schaller on 583-2800, Monday through Friday, between the hours of 8:00 and 9:00 A.M. and 3:30 and 4:00 P.M.

Very truly yours,

C. S. MCCORMICK
Superintendent of Buildings

By
WILLIAM T. GRUSS
Chief Building Inspector

WTG:mf

95 FRI 13:04 G.C. CONSTRUCTION, INC. FAX NO. 206 483 1918 P. 03

DEC 10 '95 09:51AM JOHN PERINE CO INC P.2/2

National Title Insurance Company
WASHINGTON TITLE DIVISION

Filed for Record at Request of

John Perine Company
820 South Adams
Seattle, Wash. 98108

THIS SPACE RESERVED FOR RECORDER'S USE.

RECORDED
OF
REQUEST OF

1975 DEC 19 AM 8 30

DIRECTOR
RECORDS & ELECTIONS
KING COUNTY
WASHINGTON

A-137918-16

682036

Conveyance Tax
67.00

FORM L58

Statutory Warranty Deed

THE GRANTORS ROBERT C. BROWN and LILLIAN B. BROWN, husband and wife.

for and in consideration of Sixty-seven Thousand Dollars ($67,000.00)

in hand paid, convey and warrant to JOHN PERINE COMPANY, a Washington corporation,

the following described real estate, situated in the County of King, State of Washington:

Parcel A: "Lots 3 and 4, Block 2, Ladd's First Addition to South Seattle, according to the plat recorded in Vol. 10 of Plats, p. 75, in King County, Washington. TOGETHER WITH the full width of the vacated alley adjoining said premises on the east."

7.00

Parcel B: "That portion of Lots 7 and 8, Block 30, South Seattle, according to the plat recorded in Vol. 1 of Plats, p. 35, in King County, Washington, lying easterly of the Northern Pacific Railway right-of-way. TOGETHER WITH the full width of the vacated alley adjoining said premises on the east." SUBJECT TO easement to Northern Pacific Railway granted by document dated 4/6/05, recorded 8/15/05 under Auditor's File No. 349631, and right-of-City of Seattle under Ordinance No. 92110."

E331991
DEC 1 _ 1975
King Co. Comptroller

Dated this day of December, 1975.

Robert C Brown (SEAL)

Lillian B. Brown (SEAL)

STATE OF WASHINGTON, } ss.
County of KING

On this day personally appeared before me Robert C. Brown and Lillian B. Brown,

to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 4th day of December, 1975.

Notary Public in and for the State of Washington, residing at Seattle

MICROFILM 820 S. ADAMS ST.

001977

Attachment C
Site Plan with Indoor Air Sample Locations

LEGEND

- SITE BOUNDARY
- Indoor/Ambient Air Sample
- Soil Gas Sample

0 100
SCALE IN FEET

N

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

FARALLON CONSULTING
Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend | Baker City

California
Oakland | Folsom | Irvine

FIGURE 2

SITE PLAN
820 SOUTH ADAMS STREET
SEATTLE, WASHINGTON

FARALLON PN: 2032-004

Drawn By: sgaynier Checked By: YP Date: 1/30/2019 Disc Reference:
Path: Q:\Projects\2032 MacMillan Piper - Copy\004 Unknown\Mapfiles\Figure_2_SitePlan.mxd

Attachment D
Terrestrial Ecological Evaluation Form

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Terrestrial-ecological-evaluation.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Perine Property – Former Northwest Plating Site	
Facility/Site Address: 812 and 820 South Adams Street Seattle, WA	
Facility/Site No: 2231	VCP Project No.: NW2769

Step 2: IDENTIFY EVALUATOR		
Please identify below the person who conducted the evaluation and their contact information.		
Name: Sean Trimble, L.G.		Title: Senior Geologist
Organization: TRC		
Mailing address: 1180 NW Maple Street Suite 310		
City: Issaquah	State: WA	Zip code: 98027
Phone: 425-395-0010	Fax:	E-mail: strimble@trccompanies.com

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2**.*

☒ No or Unknown *If you answered **"NO" or "UNKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☐ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

[±] "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

[#] "Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☒ Yes — *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown — *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☒ Yes — *If you answered **"YES,"** then answer **Question 3** below.*

☐ No — *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes — *If you answered **"YES,"** then answer **Question 4** below.*

☒ No — *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☒ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☒ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☒ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

- ☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*
- ☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use?
Check all that apply. See WAC 173-340-7493(3).

- ☐ Literature surveys.
- ☐ Soil bioassays.
- ☐ Wildlife exposure model.
- ☐ Biomarkers.
- ☐ Site-specific field studies.
- ☐ Weight of evidence.
- ☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

- ☐ Confirmed there was no problem.
- ☐ Confirmed there was a problem and established site-specific cleanup levels.

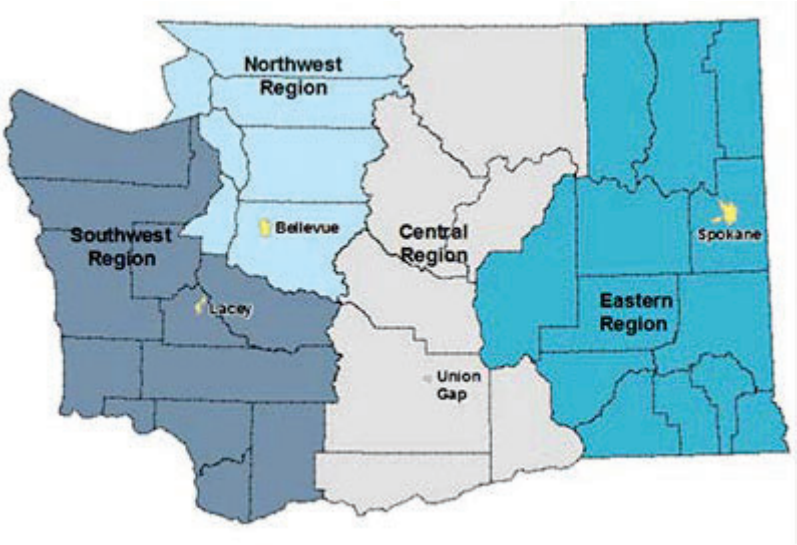
5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☒ No

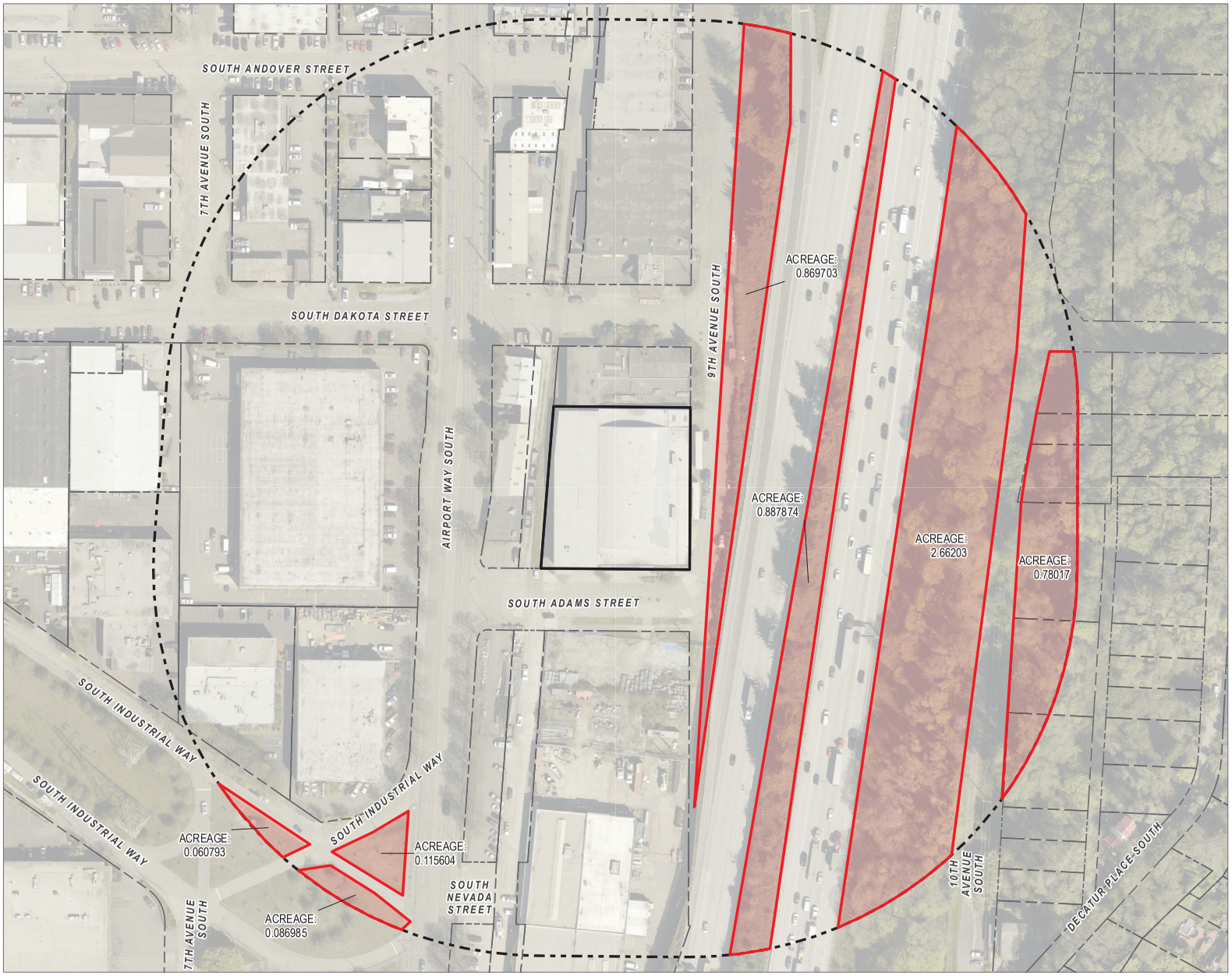
Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 1250 West Alder St. Union Gap, WA 98903-0009
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call 877-833-6341.



500' SITE PROPERTY BUFFER
SITE PROPERTY
ADJACENT PARCEL BOUNDARIES
UNDEVELOPED LAND

BASE MAP: KING COUNTY AERIAL, ARCGIS ONLINE (2021).
DATA SOURCES: KING COUNTY, ARCGIS ONLINE, TRC.

N

1:1,500
1" = 125'
0 125 250 FEET

PROJECT: WA INDUSTRIES ENVIRONMENTAL REMEDIATION TRUST
RESPONSE TO COMMENTS: PERINE PROPERTY -
FORMER NORTHWEST PLATING SITE
812 SOUTH ADAMS STREET, SEATTLE, WASHINGTON

TITLE: TERRESTRIAL ECOLOGICAL EVALUATION FORM SUPPLEMENTAL FIGURE

DRAWN BY:	S. RAY	PROJ. NO.:	015354.0010.0000
CHECKED BY:	W. WEISBERG		FIGURE 1
APPROVED BY:	M. ESPARRA		
DATE:	AUGUST 2022		

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

FILE: Perine Property - Former Northwest Plating Site.aprx

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet Map Rotation: 0
Saved By: SRAY on 8/2/2022, 10:53:13 AM, File Path: T:\Washington Industries_Seattle\Washington Industries_Seattle\APDX\Perine Property - Former Northwest Plating Site.aprx, Layout Name: Fig 1