# Limited Site Investigation

## Raising Cane's #C1112 Renton

## 250 Rainier Avenue South

## Renton, King County, Washington

**March 8, 2024 | Terracon Project No. 81237489**

**Prepared for:**

Raising Cane's Restaurants, L.L.C.
668 Bishop Road, Suite 210
Plano, Texas

**Prepared by:**

Terracon Consultants, Inc.
Mountlake Terrace, Washington

Terracon

Nationwide
Terracon.com

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- Geotechnical
- Materials

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March 8, 2024

Raising Cane's Restaurants, L.L.C.
688 Bishop Road, Suite 210
Plano, Texas 75024-4274

Attn: Ms. LuAron Foster

Re: Limited Site Investigation
Raising Cane's #C1112 Renton
250 Rainier Avenue South
Renton, King County, Washington
Terracon Project No. 81237489

Dear Ms. Foster:

Terracon Consultants, Inc. (Terracon) is pleased to submit our report of Limited Site Investigation (LSI) activities completed at the site referenced above. The report presents data from recent field activities that included a geophysical survey, the completion of soil borings, and the collection of soil, soil gas, and groundwater samples for chemical analysis. The activities were completed to address the findings of the Phase I Environmental Site Assessment (ESA) of the property dated August 22, 2023. Terracon conducted the LSI in general accordance with our Proposal No. P81237489, dated September 1, 2023.

Terracon appreciates this opportunity to provide environmental services to Raising Cane's Restaurants, L.L.C. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
**Terracon Consultants, Inc.**

Sydney K. Pazera, E.I.T.
Staff Environmental Engineer

Matt Wheaton, L.G., P.E.
Senior Principal

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# APPENDICES

# 1.0 SITE DESCRIPTION AND BACKGROUND

The site is an approximate 0.74-acre parcel of land located at 250 Rainier Avenue South in Renton, Washington (King County Tax Parcel No. 182305-9063). The site is improved with an approximate 1,549-square foot vacant building. The remainder of the site consists of a paved parking lot and a light fixture and billboard. A Site Diagram is included as Exhibit 1 in Appendix A.

Terracon previously performed a Phase I Environmental Site Assessment (ESA) of the property for Raising Cane's Restaurants, L.L.C. (Terracon Project No. 81237433, report dated September 1, 2023). The following recognized environmental conditions (RECs) were identified during the ESA:

- A former automotive repair and transmission shop facility operated intermittently on the northwest portion of the site as early as 1918 through the early 1980s.
- A car wash and former automotive sales facility operated at the central portion of the site from at least 1962 through the early 2000s.
- Documented soil and groundwater impacts remain at the site from two former fueling stations at the site, in operation from 1918 to 1953 and from 1971 to 1983. Historical documentation related to the location, removal, and/or confirmation sampling of the former 550-gallon USTs associated with the former fueling station was not identified.
- Groundwater impacts have historically been identified on the eastern portion of the site originating from the east-adjoining Safeway fueling station.

Based on the findings of the ESA, Terracon recommended conducting additional investigation to evaluate subsurface conditions at the site, in the vicinity of the former automotive repair and transmission shop, car wash and former automotive sales facility, in the vicinity of the former 550-gallon USTs and associated former fueling stations, and down-gradient of the east-adjoining Safeway fueling station. Given that the current property owner is currently working with the Washington State Department of Ecology (Ecology) in pursuit of a No Further Action status for petroleum impacts at the site and that residual petroleum-impacted soil and groundwater reportedly remained at the site, Terracon's LSI, discussed further herein, was intended to assess for impacted soil and groundwater that may be encountered at the time of construction. Terracon's investigation was not intended to assess the vertical or horizontal extents of impacts, if identified, and soil gas as it pertains to the location and construction of a new building, and should not be construed as a remedial investigation report sufficient to obtain regulatory closure for the release.

# 2.0 SCOPE OF SERVICES

The objective of the scope of services for the LSI was to assess for the potential presence of onsite USTs and associated ancillary equipment and to evaluate the potential presence of compounds of concern in subsurface soil, groundwater, and soil vapor at the site that may have originated from the above-referenced RECs. The detected sampling results have been compared to Washington's Model Toxics Control Act (MTCA) to assess if compounds of concern exceed the applicable standards. The scope of services was not intended to identify every chemical possibly associated with the site or surrounding facilities or to establish corrective action costs.

Soil boring B3 was not advanced to 20 feet below ground surface (bgs), as initially proposed for the scope of services. During drilling activities on February 7, 2024, Terracon ceased drilling operations due to not obtaining authorization to drill from Ecology, as required by the 2008 Restrictive Covenant, dated April 28, 2008. As a result, boring B3 was not drilled at that time. In lieu of this, Terracon collected an additional soil sample at the groundwater interface depth during Terracon's Geotechnical investigation (Terracon Project No. 81235129, report currently in draft) from geotechnical soil boring B-01, identified as boring B6 in this LSI report, in the general vicinity of borings B2 and B3 and within the proposed new building footprint.

## 2.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-11 *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*.

## 2.2 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific

borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

### 2.3 Reliance

This report has been prepared for the exclusive use of Raising Cane's Restaurants, L.L.C., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Raising Cane's Restaurants, L.L.C. and Terracon. Any unauthorized distribution or reuse is at Raising Cane's Restaurants, L.L.C.'s sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, LSI report, and Terracon's Supplement to Agreement for Services. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to Raising Cane's Restaurants, L.L.C. and all relying parties unless otherwise agreed in writing.

## 3.0 FIELD INVESTIGATION

Terracon has a commitment to the safety of all its employees. As such, and in accordance with our *Incident and Injury Free*® safety goals, Terracon conducted the fieldwork under a site-specific health and safety plan developed for this project. Work was performed using the Occupational Safety and Health Administration (OSHA) Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots. In an effort to locate underground utilities in the work area, Terracon contacted the Washington State Utility Notification Center to arrange for public underground utility clearance at the site. In addition, a private utility location service was subcontracted by Terracon to identify the locations and depths of the various utilities located near the proposed borings.

### 3.1 Geophysical Survey

On February 6, 2024, a Terracon representative mobilized to the site with a subcontracted geophysical professional to perform the geophysical survey of selected site portions. The subcontractor utilized ground-penetrating radar (GPR) and magnetometer survey methods to perform the survey. The purpose of the survey was to attempt to assess the presence and/or location of possible USTs and/or product piping throughout the accessible portions of the site, and specifically associated with the former 550-gallon USTs that may be present on the southwest portion of the site associated with the former fueling station.

The geophysical survey consisted of scanning the areas of interest first with GPR followed by scanning anomalies, if present, with an electromagnetic (EM) instrument. The geophysical survey was performed in accessible areas of the parking lot at the site, except for the northeast portion in the vicinity of the existing structure. Terracon inferred that these portions of the site were areas documented with the three former USTs, specifically the southwest portion, or were likely to contain USTs and/or associated piping.

The geophysical survey did not reveal subsurface indications of suspect USTs, associated piping, or former excavations where USTs may have been located. The survey was limited in the southwest portion of the site by construction activities within the utility corridor adjoining the site. Therefore, there is the potential that undocumented USTs may be present within the utility corridor excavation area adjoining the site. The survey areas are depicted on Exhibit 2 in Appendix A.

## 3.2 Soil Sampling

A Terracon field representative mobilized to the site on February 7, 2024, to oversee the drilling of five soil borings at the site. The borings were advanced by Holocene Drilling, Inc., a Washington State-licensed driller, using a track-mounted direct-push drill rig. The five borings, identified as soil borings B1 through B5 and B1A, were advanced using a direct-push sampler equipped with disposable acetate sample sleeves. Soil boring B1A was advanced adjoining soil boring B1 since refusal was encountered at 6.5 feet bgs in boring B1. Throughout the drilling operation, soil samples were obtained continuously (to the extent practical) from five-foot long pushes driven into the ground. The steel sampling tube was extracted from the hole and the liners were removed and split open. Non-disposable sampling equipment was cleaned using a non-phosphate soap wash and potable water rinse prior to the beginning of the project and before collecting each soil sample.

Direct-push borings were advanced to depths of approximately ranging from 5 to 20 feet below the ground surface (bgs). Specifically, borings B2 and B3 were advanced to 5 feet bgs for soil gas borings, boring B1 and B1A encountered refusal at 6.5 and 17.5 feet bgs, respectively, and borings B4 and B5 were advanced to 20 feet bgs.

A Terracon field representative remobilized to the site on February 29, 2024, to collect an additional soil sample from geotechnical soil boring B-01, identified as boring B6 in this LSI. The boring was advanced by Holocene Drilling, Inc., a Washington State-licensed driller, using a D70 mud-rotary track-mounted drill rig. Throughout the drilling operation, one soil sample was obtained at 9 feet bgs for a 1.5-foot interval via the Standard Penetration Test Resistance (SPT) method (ASTM D-1586). An automatic SPT hammer was used to advance a 2-inch diameter steel split-spoon sampler in the borings.

The split-spoon sampler was extracted from the hole and opened for soil sample recovery.

Terracon field-screened soil samples for organic vapors using a calibrated photoionization detector (PID). This device provides a direct reading in parts per million (ppm) isobutylene equivalents. Upon removal of the sampler from the borehole, Terracon placed a portion of each sample in a sealable plastic bag. After a stabilization period, Terracon screened the headspace above the soil using the PID.

In addition, select soils were field-screened by a sheen test by placing soil into a shallow bowl of water and observing to see if a sheen formed on the water's surface.

A field log of each boring was maintained, including the thickness and depth of each soil unit encountered and the depth to the uppermost water table. Soil samples were observed to document soil lithology, color, and moisture content. Soils were logged in general accordance with American Society for Testing and Materials (ASTM) Practice Designation D-2488, *Standard Practice for Description of Soils (Visual-Manual Procedure)*. Exploration logs are included in Appendix C. The boring logs also include the field screening results for each soil boring. An exploration log for geotechnical boring B-01, environmental boring B6, is included in Terracon's Geotechnical Engineering Services Report, currently in draft.

Soil samples were collected from the intervals with the highest PID readings and/or from the depth interval most likely to be impacted based on the depth to groundwater and the associated REC. Specifically, soil samples were collected from boring B1 at 0.5 feet bgs, B2 at 3 feet bgs, B3 at 2 feet bgs, and B4 at 6 feet bgs, from the highest PID readings. Soil samples were collected from boring B1A at 9 feet bgs and B6 at 9 feet bgs, at a depth above the groundwater table, and from boring B5 at 1 feet bgs.

A total of six soil samples, one each from borings B1 through B6 and B1A, were collected and submitted for laboratory analysis. Soil samples were extracted by hand using disposable gloves and placed directly into laboratory-supplied glassware. The borings and respective sample intervals requested for analysis are presented on Table 1 of Appendix B.

Each sample container was labeled with the project number, date, time, boring number, and sample number. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to ALS Laboratory Group, a Washington State-accredited laboratory, under standard chain-of-custody procedures.

At the completion of field activities, the borings were decommissioned using bentonite chips and capped to approximately match the existing ground surface.

## 3.3 Temporary Groundwater Monitoring Wells and Groundwater Sampling

Soil borings B1A, B4, and B5 were converted to temporary groundwater monitoring wells. Soil boring B1 was not converted to a temporary groundwater monitoring well, since boring B1A was advanced adjoining to boring B1 and was representative of the groundwater in this portion of the site. since the groundwater observed in this boring was  and did not appear representative of the regional groundwater at the site. due to the groundwater observed in this bori The monitoring well locations are included in Appendix A, Exhibit 1. The groundwater monitoring wells were constructed with the following materials:

- 10 feet of 1-inch diameter, 0.010-inch machine slotted poly-vinyl chloride (PVC) well screen with a threaded bottom cap; and
- 1-inch diameter, threaded, flush-joint PVC riser pipe to surface;

At the time of drilling, groundwater was observed in the soil borings at depths of approximately 10 to 11 feet bgs, with the exception of boring B1A. Groundwater was observed in boring B1A at a depth of 3 feet bgs. Based on the depth to water observed throughout the site, this is likely a perched groundwater table, and is not representative of the site conditions.

One groundwater sample was collected from each of the temporary monitoring wells using disposable tubing and a peristaltic pump. Sample tubing intake depths were selected based on the screened interval of the well. Purging of the temporary wells was attempted, as practical, based on groundwater recharge rates and volumes. Approximately 3 to 3.5 gallons of development water was removed from each well before groundwater appeared relatively free of sediment.

Please note that during sampling from temporary wells, groundwater often remains turbid and can contain suspended colloids, which may then be detected by the laboratory, potentially resulting in elevated contaminate concentrations. Therefore, without the benefit of permanent groundwater monitoring wells that are properly developed prior to groundwater sampling, groundwater analytical results may not be representative of actual on-site groundwater conditions.

Terracon also collected four groundwater samples from existing monitoring wells MW-1 through MW-4 at the site that were installed by others as part of prior investigations. The monitoring well locations are included in Appendix A, Exhibit 1.

Prior to sample collection, all monitoring wells were opened and exposed to surficial atmospheric conditions and static groundwater elevations were measured from the top

of the casing (TOC). The water level probe was decontaminated using a non-phosphate soap wash and distilled water rinse before use in each well.

Measured depth to water in the wells ranged from 8.89 feet below TOC at groundwater monitoring well MW-2 to 10.45 feet below TOC at groundwater monitoring well MW-3.

The groundwater samples were collected using a peristaltic pump and dedicated tubing. Prior to sample collection, each well was purged at a low flow rate of approximately 200 to 300 milliliters per minute (mL/min). During the purging process, groundwater quality parameters including temperature, electrical conductivity (EC), pH, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured at regular intervals using a YSI water quality meter. Purging was considered complete when three consecutive readings for EC, pH, turbidity, DO, and ORP were observed within 10% of one-another.

One groundwater sample was collected from each of the permanent monitoring wells using disposable tubing and a peristaltic pump maintaining the low flow rate. Sample tubing was placed within the screened interval of the well during sample collection.

The well identification and samples requested for analysis for the groundwater samples collected from the temporary and permanent groundwater monitoring wells are presented on Table 2 of Appendix B.

The sample containers were labeled with the project number, date, time, and sample number and placed in a chilled cooler immediately after sampling. The sample containers were subsequently transported to ALS Laboratory Group, a Washington state-certified laboratory, under strict chain-of-custody procedures.

At the completion of field activities, the temporary wells were removed and borings were decommissioned using bentonite chips and capped to approximately match the existing ground surface.

## 3.4 Soil Gas Sampling

On February 7, 2024, Terracon field personnel mobilized to the site to perform the soil gas sampling activities. Two soil gas probes were installed at the site, identified as B2/SVP-1 and B3/SVP-2. The sampling locations are depicted on Exhibit 2 of Appendix A.

The soil gas probes were advanced to approximately five feet below grade surface (bgs). Soil gas sampling implants, consisting of a screened 6-inch stainless-steel sampling tip and Teflon® lined tubing, were placed in the boreholes through a hollow rod with the sampling tips located at the bottom of the boring. Once advanced, the hollow rod was

raised exposing the screen to the soil. The boreholes were backfilled with 10/20 silica sand from the bottom of the boring to six inches above the top of the stainless-steel sampling tip, followed by a seal of granular bentonite hydrated with deionized water in multiple lifts to the surface, to create an airtight seal. The remaining end of the Teflon® sample tubing protruded from the bentonite seal at the ground surface and was connected to a dedicated quick-connect valve to allow for purging and collection of the soil gas samples.

Prior to the start of a 30-minute equilibration period, approximately three air volumes were purged from the sampling tubing connected to the soil gas probe. Once three volumes were purged, the inline quick-connect valve was closed to begin the equilibration process. The completely assembled sampling train was leak tested by using a low flow purge pump [~250 milliliters per minute (mL/min)] to generate a vacuum on the system, and then allowing the sealed sampling train to sit with an approximate 10 inches of mercury (in Hg) negative pressure vacuum during the equilibration period.

Once the sampling train was confirmed to be leak-free and the equilibration time had passed, a soil gas sample was collected. All Summa® canisters used for this assessment were pre-tested and batch-certified as free of Chemicals of Concern (COCs) by the analytical laboratory. The canisters were equipped with laboratory-supplied flow regulators allowing for sample collection at a low-flow rate (i.e., <200 mL/min). The flow regulator valve was opened to begin gas collection which occurred over approximately five minutes. Once the flow regulator indicated that respective Summa® canisters were nearly full (where pressure remaining equaled approximately 5 mm Hg), the valve was closed and the sampling assembly was then dismantled and the soil gas probe Teflon® tubing was removed. The boreholes were then capped with "cold patch" asphalt at the ground surface.

Upon completion of sample collection, the Summa® canisters were closed, secured, and appropriately labeled with pertinent sample information. Canister pressures were recorded upon initiating sample collection, after sample collection, and after receipt at the laboratory. All soil gas samples were labeled accordingly and submitted to Friedman & Bruya, Inc., under standard chain-of-custody procedures for chemical analysis. The soil gas samples requested for analysis are presented on Table 3 of Appendix B.

# 4.0 RESULTS OF THE FIELD INVESTIGATION

## 4.1 Geology

In general, Terracon encountered fill material consisting of sand with silt and clay below the pavement. Fill was encountered at depths of 6.5 feet and 8 feet bgs in borings B1 and B1A respectively, and at depths ranging from 1 foot bgs to 5 feet bgs in borings B2

through B5. Concrete was encountered in soil borings B1 and B1A at approximately 6.5 feet bgs. Sand, sand and gravel, and silty sand were encountered below the fill to the boring termination depths. The boring logs attached in Appendix C detail the observed soil stratigraphy. As noted in Section 3.2, the boring log for geotechnical boring B-01, environmental boring B6, is included in Terracon's Geotechnical Engineering Services Report, currently in draft.

### 4.2 Field Screening

PID readings were not detected above 5.0 ppm in soil collected from borings B1A, B3, and B6. Readings were measured ranging up to 133.7 ppm (0.5 to 1.5 feet bgs) in boring B1, 42.2 ppm (3 to 4 feet bgs) in boring B2, 14.1 (6 to 7 feet bgs) in boring B4, and 103.8 ppm (3 to 5 feet bgs) in boring B5. Soil samples were collected from these depths with the highest PID readings. Sheens were not noted in the soils collected from the soil borings.

Odors were noted in the purge water collected from temporary monitoring wells B4 and B5 and from permanent monitoring well MW-1.

The field screening results are summarized on the boring logs in Appendix C.

PID readings were not detected above 0.0 ppm from samples collected from soil gas probes SVP-1 and SVP-2. Odors were not observed at the time of soil gas probe installations. The field screening results are summarized on Table 3 in Appendix B.

## 5.0 ANALYTICAL RESULTS

The selected soil samples and groundwater samples were analyzed for gasoline-, diesel-, and oil-range total petroleum hydrocarbons (TPH) by Northwest Method NWTPH-Gx/Dx; volatile organic compounds (VOCs) by EPA Method 8260; and Washington State's Model Toxics Control Act (MTCA) 5 metals (mercury, arsenic, cadmium, chromium, and lead) by EPA Method 200.8/245.1/6020/7471. Diesel- and oil-range TPH and metals were not analyzed for groundwater samples collected from temporary monitoring wells B1 and B4. Soil samples analyzed for gasoline-range TPH and BTEX were collected using EPA Method 5035 sampling kits.

Soil gas samples were analyzed for air-phased petroleum hydrocarbons (APHs) by method MA-APH and for volatile organic compounds (VOCs) and isopropyl alcohol (2-propanol) by EPA Method TO-15.

Reported soil and groundwater concentrations were compared with the MTCA Method A Cleanup Levels for unrestricted land use, as applicable, established under Chapter

70.105D RCW and its implementing regulation, MTCA Chapter 173-340 WAC. Where a MTCA Method A Cleanup level has not been established for a particular compound, the respective MTCA Method B Cleanup Level for cancer/non-cancer direct contact is applied for comparison.

Reported soil gas concentrations were compared with the Ecology guidance document *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action,* dated March 2022, and the July 2022 updated *Cleanup Levels and Risk Calculation (CLARC)* screening levels. This guidance document is intended to address exposures and risks from subsurface contaminants that may be intruding into indoor air in residential, commercial, and recreational settings.

Data packages were checked for completeness immediately upon receipt from the laboratory to ensure that data and QA/QC information requested were present. Data quality was assessed by considering holding times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate recovery, and detection limits. Based upon our interpretation of quality control information provided by the laboratories, it is our opinion that the overall dataset is useable as qualified for the purposes of this LSI.

The laboratory analytical report and chain-of-custody record are attached in Appendix D. The following sections describe the results of the testing.

## 5.1 Soil Analytical Results

Gasoline-, diesel-, and oil-range TPH, metals, and VOCs were not detected above MTCA cleanup levels and/or laboratory method reporting limits in the soil samples collected and analyzed from borings B1 through B6 and B1A.

The soil analytical results are summarized in Table 1 of Appendix B.

## 5.2 Groundwater Analytical Results

Arsenic and lead were detected at 22 micrograms per liter (µg/L) and 66 µg/L in boring B5, respectively, above the MTCA cleanup levels of 5 µg/L for arsenic and 15 µg/L for lead. Mercury, cadmium, and chromium were not detected above MTCA cleanup levels and/or laboratory method reporting limits in boring B5, and metals were not detected above MTCA cleanup levels and/or laboratory method reporting limits in the remaining groundwater samples collected and analyzed from monitoring wells MW-1 through MW-4.

Gasoline-range TPH and VOCs were not detected above MTCA cleanup levels and/or laboratory method reporting limits in the groundwater samples collected and analyzed from borings B1, B4, and B5 and from monitoring wells MW-1 through MW-4. Diesel- and oil-range TPH were not detected above MTCA cleanup levels and/or laboratory

method reporting limits in the groundwater samples collected and analyzed from borings B5 and monitoring wells MW-1 through MW-4.

Due to the nature of sampling from temporary groundwater monitoring wells, which generally cannot be adequately developed and allowed to equilibrate within the screened groundwater zone, groundwater samples sometimes remain turbid, as was the case with the B5 groundwater sample. As a result, sample results could be biased high and may not be representative of actual groundwater quality, as chemical constituents are often adsorbed to suspended colloids, which are then detected by the laboratory, and result in elevated concentrations of arsenic and lead.

The groundwater analytical results are summarized in Table 2 of Appendix B.

## 5.3 Soil Gas Analytical Results

Concentrations of TPH were detected in the two samples collected from the soil gas probes. The screening level for TPH is compared to the combined TPH, which is the sum of APHs EC5-8 aliphatics, EC9-12 aliphatics, and EC9-10 aromatics. The combined TPH was detected in the soil gas samples at a concentration of 2,100 micrograms per cubic meter (µg/$m^3$) in soil gas sample SVP-1 and at a concentration of 1,300 µg/$m^3$ in soil gas sample SVP-1, which are below the MTCA Method B Screening Level of 4,700 µg/$m^3$.

Concentrations of 1,3-butadiene were reported in soil gas sample SVP-2 at 39 µg/$m^3$, which is above the MTCA Method B Screening Level of 3.8 µg/$m^3$. 1,3-Butadiene was not detected in soil gas sample SVP-1 above laboratory method reporting limits. Propene was detected in the soil gas samples collected at concentrations above the laboratory method reporting limits, and pentane, acetone, and butane were reported in soil gas sample SVP-1 above laboratory method reporting limits. Propene, pentane, acetone, and butane do not have established MTCA Method B Screening Levels.

Benzene was detected at a concentration of 9.8 µg/$m^3$ and 5.4 µg/$m^3$ in soil gas samples SVP-1 and SVP-2, respectively, which is below the MTCA Method B Screening Level of 11 µg/$m^3$. 2-Propanol was not reported above laboratory method reporting limits.

The remaining VOCs analyzed for SVP-1 and SVP-2 were not reported above laboratory method reporting limits.

Soil gas analytical results are summarized on Table 3 of Appendix B.

# 6.0 INVESTIGATION DERIVED WASTE

Six 55-gallon drums of drill cuttings were containerized during the geotechnical and environmental field activities at the site. The drums will be properly disposed by a licensed disposal facility. Once picked up and disposed, Terracon will forward the waste manifest to Client.

# 7.0 FINDINGS AND CONCLUSIONS

Based on the scope of services described in this report and subject to the limitations described herein, Terracon concludes the following.

USTs or associated ancillary equipment was not identified during the geophysical survey. The survey was limited in the southwest portion of the site by construction activities within the utility corridor adjoining the site. Therefore, there is the potential that undocumented USTs may be present within the utility corridor excavation area adjoining the site. However, soil and/or groundwater impacts were not identified in boring B4 or monitoring well MW-1. Therefore, if USTs are present within the utility corridor west-adjoining to the site, a significant release from this area has not likely occurred.

Subsurface soils and groundwater explored at select areas of the site did not contain concentrations of analyzed compounds above the laboratory method reporting limits and/or their respective MTCA cleanup levels, with the exception of arsenic and lead in boring B5. Based on these results, it does not appear that there has been a significant release to the site from the former automotive repair and transmission shop facility or the former car wash and automotive sales facility. Additionally, it appears that previously documented impacts from the two former fueling stations at the site and historical groundwater impacts originating from the east-adjoining Safeway fueling station are naturally attenuating.

The metals detections in the groundwater sample collected from boring B5 are likely elevated due to the nature of sampling from temporary monitoring wells, as discussed in Section 5.2 of this report.

The presence of 1,3-butadiene, propene, pentane, acetone, and butane are not commonly found in soil gas; however, based on our experience with similar properties, it is possible that these compounds may be originating from a natural gas leak. These chemicals will likely dissipate after the natural gas line is removed from the site, or the apparent leak is mitigated.

Additionally, although benzene was reported in soil gas at concentrations below the MTCA Method B Screening Level, vapors tend to accumulate beneath building slabs. Therefore, it is Terracon's opinion that benzene poses a vapor intrusion concern to the proposed redevelopment at the site.

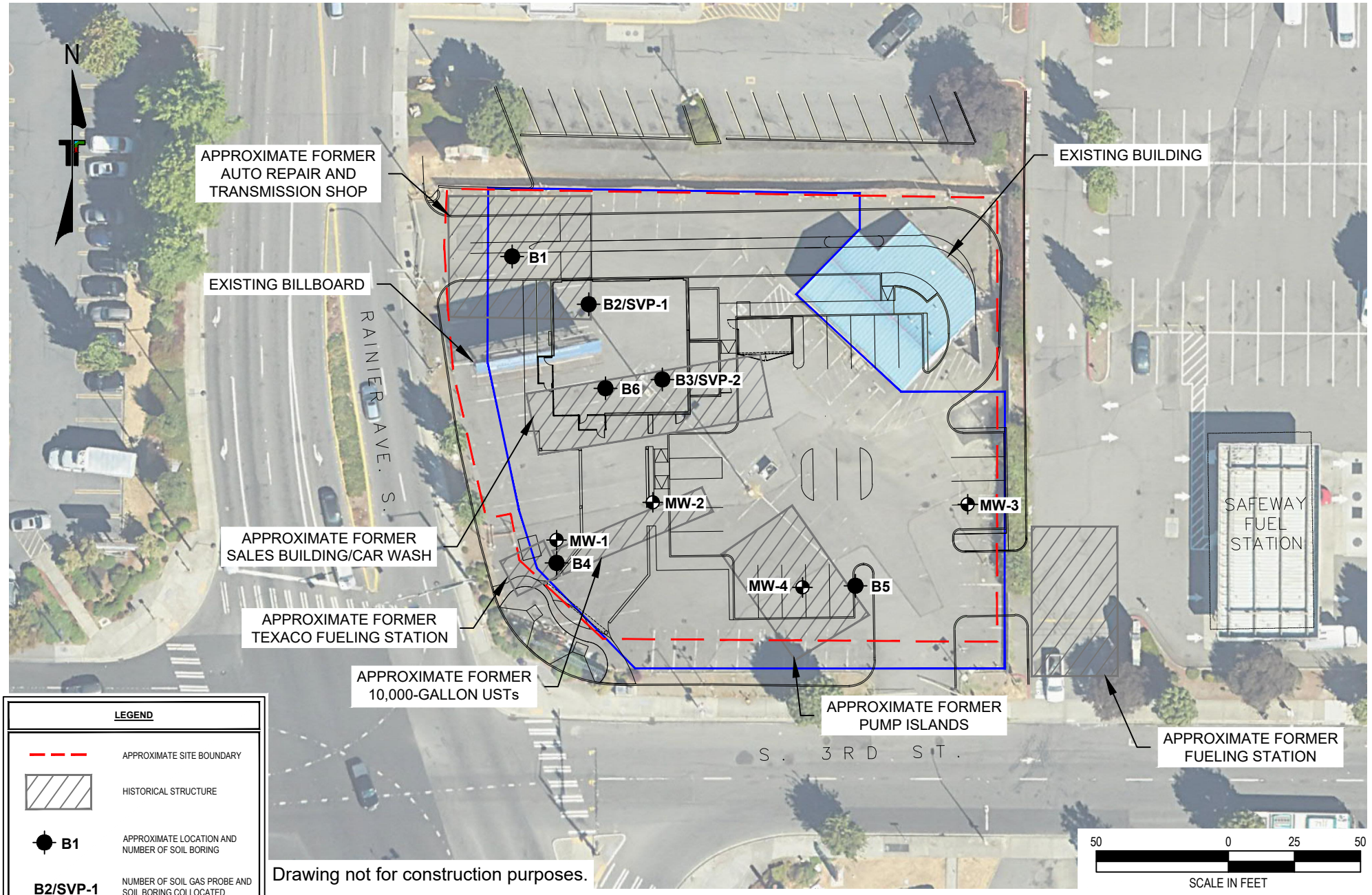
Based on the findings of this investigation, Terracon additional investigations are not warranted at this time. However, the site owner continues to pursue regulatory closure through the Washington State Department of Ecology therefore the client should be made aware of any and all ongoing communications and cleanup requirements that may be imposed by Ecology as it may affect site redevelopment. Furthermore, given the potential for encountering undocumented impacts in other areas not explored by Terracon, the preparation of a media-management plan should be considered to provide guidance on the handling and disposition of impacted soil and/or groundwater that may be encountered during future earthwork phases of construction.

Based on the concentrations of benzene reported in the vicinity of the proposed building, and given that additional impacts likely remain in uninvestigated areas of the site, the installation of a vapor mitigation system beneath the proposed structure should be considered.

Given that the reported butane, pentene, 1,3-butediene, and propene concentrations identified in soil gas appear to be associated with a possible natural gas leak on or near the site, Terracon the property owner and/or the natural gas utility provider should be notified of the potential natural gas leak at the site.

# APPENDIX A

# EXHIBITS




Drawing not for construction purposes.

**LEGEND**

- APPROXIMATE SITE BOUNDARY
- HISTORICAL STRUCTURE
- B1 — APPROXIMATE LOCATION AND NUMBER OF SOIL BORING
- B2/SVP-1 — NUMBER OF SOIL GAS PROBE AND SOIL BORING COLLOCATED
- MW1 — APPROXIMATE LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL
- APPROXIMATE LIMIT OF GPR SURVEY AREA

| | |
|---|---|
| Project Mngr: | SKP |
| Drawn By: | SKP |
| Checked By: | MMH |
| Approved By: | MYW |
| Project No. | 81237489 |
| Scale: | AS SHOWN |
| File No. | Exhibit 1 |
| Date: | February 2024 |


Terracon
Explore with us
21905 64TH AVENUE W, STE 100 MOUNTLAKE TERRACE, WA 98043
PH. (425) 771-3304 FAX. (425) 771-3549


# SITE DIAGRAM

Raising Cane's #C1112 Renton
250 Rainier Avenue South
Renton, King County, Washington

EXHIBIT 1

# APPENDIX B

# TABLES

**TABLE 1**

**SUMMARY OF SOIL ANALYTICAL RESULTS**
**Raising Cane's #C1112 Renton**
**250 Rainier Avenue South**
**Renton, Washington**

**Terracon Project No. 81237489**

All concentrations are in milligrams per kilogram (mg/kg)

| Boring ID | Sample ID | Sample Date | Sample Depth (feet) | TPH | | | Metals | | | | | VOCs [1] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Gasoline-Range | Diesel-Range | Oil-Range | Mercury | Arsenic | Cadmium | Chromium | Lead | Benzene | Toluene | Ethylbenzene | Xylenes | Other VOCs |
| **2023 MTCA Method A Cleanup Level** | | | | **100** | **2,000** | **2,000** | **2** | **20** | **2** | **2,000** | **250** | **0.03** | **7** | **6** | **9** | **Varies** |
| B1 | B1-0.5 | 2/7/24 | 0.5 | ND (<3.0) | **43** | **200** | **0.033** | **1.7** | **0.18** | **22** | **12** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B1A | B1A-9 | 2/7/24 | 9 | ND (<3.0) | ND (<25) | ND (<50) | **0.040** | **2.3** | ND (<0.10) | **23** | **1.9** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B2 | B2-3 | 2/7/24 | 3 | ND (<3.0) | ND (<25) | ND (<50) | **0.045** | **3.4** | ND (<0.10) | **18** | **8.7** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B3 | B3-2 | 2/7/24 | 2 | ND (<3.0) | ND (<25) | ND (<50) | **0.036** | **1.9** | **0.10** | **30** | **9.0** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B4 | B4-6 | 2/7/24 | 6 | ND (<3.0) | ND (<120) | **900** | **0.027** | **2.8** | **0.16** | **19** | **29** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B5 | B5-1 | 2/7/24 | 1 | **91** | **40** | **110** | **0.071** | **6.3** | **0.32** | **29** | **54** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |
| B6 | B6-9 | 2/29/24 | 9 | ND (<3.0) | ND (<25) | ND (<50) | **0.072** | **2.3** | ND (<0.10) | **37** | **2.7** | ND (<0.0050) | ND (<0.010) | ND (<0.010) | ND (<0.020) | ND |

Note: Concentrations detected above laboratory reporting limits are in **BOLD** type.
TPH - Total petroleum hydrocarbons
VOCs - Volatile organic compounds
MTCA - Model Toxics Control Act
ND - Not detected above laboratory reporting limits.
1 - See laboratory report for full list of analytes.

**TABLE 2**

**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**

**Raising Cane's #C1112 Renton**
**250 Rainier Avenue South**
**Renton, Washington**

**Terracon Project No. 81237489**

All concentrations are in micrograms per liter (µg/L)

| Sample ID | Sample Date | TPH | | | Metals | | | | | VOCs[1] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Gasoline-Range | Diesel-Range | Oil-Range | Mercury | Arsenic | Cadmium | Chromium | Lead | Benzene | Toluene | Ethylbenzene | Xylenes | Other VOCs |
| **2023 MTCA Method A Cleanup Level** | | **1,000** | **500** | **500** | **2** | **5** | **5** | **100** | **15** | **5** | **1,000** | **700** | **1,000** | **Varies** |
| B1 | 2/7/24 | ND (<50) | -- | -- | -- | -- | -- | -- | -- | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| B4 | 2/7/24 | ND (<50) | -- | -- | -- | -- | -- | -- | -- | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| B5 | 2/7/24 | ND (<50) | **180** | ND (<290) f1 | **0.27** | **22** | ND (<1.0) | **67** | **66** | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| MW-1 | 2/7/24 | ND (<50) | **140** | ND (<250) | ND (<0.20) | **1.8** | ND (<1.0) | ND (<2.0) | ND (<1.0) | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| MW-2 | 2/7/24 | ND (<50) | ND (<130) | ND (<250) | ND (<0.20) | **2.6** | ND (<1.0) | ND (<2.0) | ND (<1.0) | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| MW-3 | 2/7/24 | ND (<50) | ND (<130) | ND (<250) | ND (<0.20) | **3.4** | ND (<1.0) | ND (<2.0) | **1.7** | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |
| MW-4 | 2/7/24 | ND (<50) | ND (<130) | ND (<250) | ND (<0.20) | ND (<1.0) | ND (<1.0) | ND (<2.0) | ND (<1.0) | ND (<2.0) | ND (<2.0) | ND (<2.0) | ND (<4.0) | ND |

Note: Concentrations detected above laboratory reporting limits are in **BOLD** type.
Concentrations above MTCA cleanup levels are in **BOLD RED** type and a shaded cell.

TPH - Total petroleum hydrocarbons
VOCs - Volatile organic compounds
MTCA - Model Toxics Control Act
ND - Not detected above laboratory reporting limits.
-- - Not analyzed
1 - See laboratory report for full list of analytes.
f1 - Reporting limit for compound raised due to low sample amount

**TABLE 3**

**SUMMARY OF SOIL GAS ANALYTICAL RESULTS**
**Raising Cane's #C1112 Renton**
**250 Rainier Avenue South**
**Renton, Washington**

**Terracon Project No. 81237489**

all concentrations are in micrograms per cubic meter (µg/m$^3$)

| Sample ID | Sample Date | Depth (feet) | PID (ppm) | TPH[1] | VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1,3-Butadiene | Benzene | Propene | Pentane | Acetone | Butane | 2-Propanol (Isopropyl alcohol) | Other VOCs |
| SVP-1 | 2/7/24 | 5 | 0.0 | **2,100** | ND (<0.36) | **9.8** | **750 ve** | **79** | **57** | **180** | ND (<70) | ND |
| SVP-2 | 2/7/24 | 5 | 0.0 | **1,300** | **39** | **5.4** | **310 ve** | ND (<50) | ND (<40) | 67 | ND (<72) | ND |
| **2023 MTCA Method B Sub-Slab Cancer Screening Level** | | | | **4,700*** | **3.8** | **11** | **N/E** | **N/E** | **N/E** | **N/E** | **N/E** | **Varies** |

Note: Concentrations detected above laboratory reporting limits are in **BOLD** type.
Concentrations above screening levels are in **BOLD RED** type and a shaded cell.
Please refer to the laboratory report for a complete list of analytes.

TPH - Total petroleum hydrocarbons
1 - Determined by the sum of air-phase petroleum hydrocarbons (APHs) EC5-8 aliphatics, EC9-12 aliphatics, and EC9-10 aromatics.
VOCs - Volatile organic compounds
MTCA - Model Toxics Control Act
PID - Photoionization detector
ppm - Parts per million
SVP - Soil Vapor Probe
ND - Not detected above laboratory reporting limit
N/E - Not established
-- - Not analyzed
* - 2020 Method B non-cancer level
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

# APPENDIX C

# BORING LOGS

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B1

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 4 inches thick | | | | | |
| | | **FILL - SAND (SP)**, with silt, clay, and gravel, grayish brown, moist | | | | 133.7 | B1-0.5 |
| | | wet | | ▽ | | | |
| | | | | | | 13.0 | |
| | | brown | 5 | | | 6.0 | |
| | 6.5 | concrete foundation encountered at 6.5 feet bgs | | | | | |
| | | ***Boring Refusal at 6.5 Feet*** | | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
▽ Observed while drilling

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B1A

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 4 inches thick | | | | | |
| | | **FILL - SAND (SP)**, with clay and gravel, brown, moist, with brick and wood/organics | | | | | |
| | | | | | | 0.0 | |
| | | with silt and gravel | | | | 0.0 | |
| | | | 5 | | | | |
| | | concrete foundation | | | | 1.9 | |
| | 8.0 | | | | | | |
| | | **SAND AND GRAVEL (SP)**, gray, moist | | | | | |
| | | | | ▽ | ✋ | 3.4 | B1A-9 |
| | | | 10 | | | | |
| | | | | ▽ | | 4.4 | |
| | | wet, more gravel with depth | | | | | |
| | | | | | | 5.0 | |
| | | | | | | 0.0 | |
| | | | 15 | | | | |
| | | | | | | 0.0 | |
| | 17.0 | | | | | | |
| | 17.5 | **SAND (SP)**, with silt, brown, moist to wet | | | | | |
| | | ***Boring Refusal at 17.5 Feet*** | | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
▽ Observed while drilling
▽ Measured at 9.7' bgs after drilling

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B2/SVP-1

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 3 inches thick | | | | | |
| | | **FILL - SILTY SAND (SM)**, with gravel and clay, trace organics, brown to dark brown, moist | | | | | |
| | | | | | | 4.0 | |
| | | | | | | | |
| | | | | | | 42.2 | B2-3 |
| | 4.5 | | | | | | |
| | 5.0 | **SILTY SAND (SM)**, with gravel, grayish brown, moist | | | | 3.0 | |
| | | ***Boring Terminated at 5 Feet*** | 5 | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
Groundwater not observed

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B3/SVP-2

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 3 inches thick | | | | | |
| | | **FILL - SAND (SP)**, with clay, silt, and gravel, brown to reddish brown, moist, asphalt interbedded to 2 feet bgs | | | | | |
| | | | | | | 3.7 | B3-2 |
| | | | | | | 3.0 | |
| | | | | | | 2.9 | |
| | 5.0 | | 5 | | | | |
| | | ***Boring Terminated at 5 Feet*** | | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
Groundwater not observed

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B4

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 4 inches thick | | | | | |
| | | **FILL - SAND (SP)**, with gravel, brown, moist | | | | 6.3 | |
| | 3.5 | | | | | | |
| | | **SILTY SAND (SM)**, with gravel, brown, moist | | | | 6.5 | |
| | 6.0 | | 5 | | | | |
| | | **SAND (SP)**, with gravel, dark brown, moist | | | | 14.1 | B4-6 |
| | 7.0 | | | | | | |
| | | **SILTY SAND (SM)**, with gravel and clay, brown, moist | | | | | |
| | | wet | | ▽ | | 2.4 | |
| | | | 10 | ▽ | | 4.8 | |
| | 12.0 | with organics | | | | | |
| | | **SAND (SP)**, with gravel, gray, wet | | | | 0.0 | |
| | | more gravel with depth | 15 | | | 0.0 | |
| | 18.0 | | | | | | |
| | | **SILTY SAND (SM)**, with organics, trace gravel, gray, wet | | | | 0.0 | |
| | 20.0 | | | | | 0.0 | |
| | | ***Boring Terminated at 20 Feet*** | 20 | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
▽ Observed while drilling
▽ Measured at 9.4' bgs after drilling

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

Raising Cane's #C1112 Renton
250 Rainier Avenue South | Renton, Washington
Terracon Project No. 81237489

Terracon
21905 64th Ave W, Ste 100
Mountlake Terrace, WA

# Boring Log No. B5

Location See Exhibit A-2

| Graphic Log | Depth | Material Description | Depth (ft) | Water Level Observations | Sample Type | OVA/PID (ppm) | Sample Sent To Lab (ID Number) |
|---|---|---|---|---|---|---|---|
| | 0.3 | **ASPHALT**, approximately 4 inches thick | | | | | |
| | 1.0 | **FILL - SAND (SP)**, with gravel, brown, moist | | | | | |
| | | **SILTY SAND (SM)**, with gravel and organics, black and gray, moist | | | | 97.4 | B5-1 |
| | | with gravel, brown, moist | | | | 103.8 | |
| | | with gravel, gray, moist | 5 | | | | |
| | | | | | | 67.3 | |
| | | | | | | 30.3 | |
| | | wet | 10 | ▽ ▽ | | | |
| | | | | | | 0.0 | |
| | 15.0 | **SAND AND GRAVEL (SP)**, gray, wet | 15 | | | 0.0 | |
| | 20.0 | | 20 | | | | |
| | | ***Boring Terminated at 20 Feet*** | | | | | |

See Supporting Information for explanation of symbols and abbreviations.

**Water Level Observations**
▽ Observed while drilling
▽ Measured at 10.4' bgs after drilling

**Notes**

**Advancement Method**
Direct Push

**Abandonment Method**
Boring backfilled with bentonite
Surface capped with asphalt

**Drill Rig**
6011 DT

**Driller**
Holocene Drilling, Inc.

**Logged by**
Sydney Pazera

**Boring Started**
02-07-2024

**Boring Completed**
02-07-2024

# APPENDIX D

# ANALYTICAL REPORT

February 15, 2024

Ms. Sydney Pazera
Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

Dear Ms. Pazera,

On February 8th, 7 samples were received by our laboratory and assigned our laboratory project number EV24020069. The project was identified as your 81237489. The sample identification and requested analyses are outlined on the attached chain of custody record.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information.

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

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



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

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020069 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | 81237489 | | |

## CASE NARRATIVE

The correct sample conainers were not received for samples B1-W (EV24020069-05) and B4-W (EV24020069-07) for the following analysis: NWTPH-Dx and Total metals. Results for these samples/analysis are not included in the report.



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ALS Group USA, Corp dba ALS Environmental

ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020069 |
| | | ALS SAMPLE#: | EV24020069-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 1:20:00 PM |
| CLIENT SAMPLE ID | MW-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 50 | 1 | UG/L | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | **140** | 130 | 1 | UG/L | 02/09/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 250 | 1 | UG/L | 02/09/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | 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: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 1:20:00 PM |
| CLIENT SAMPLE ID | MW-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Mercury | EPA-245.1 | U | 0.20 | 1 | UG/L | 02/13/2024 | RAL |
| Arsenic | EPA-200.8 | **1.8** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | U | 2.0 | 1 | UG/L | 02/13/2024 | EBS |
| Lead | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 1:20:00 PM |
| CLIENT SAMPLE ID | MW-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **96.3** | 02/10/2024 | MNC |
| C25 | NWTPH-DX | **108** | 02/09/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **101** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **105** | 02/12/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.



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|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 12:05:00 PM |
| CLIENT SAMPLE ID | MW-2 | 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 | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 130 | 1 | UG/L | 02/09/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 250 | 1 | UG/L | 02/09/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 12:05:00 PM |
| CLIENT SAMPLE ID | MW-2 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Mercury | EPA-245.1 | U | 0.20 | 1 | UG/L | 02/13/2024 | RAL |
| Arsenic | EPA-200.8 | **2.6** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | U | 2.0 | 1 | UG/L | 02/13/2024 | EBS |
| Lead | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **95.1** | 02/10/2024 | MNC |



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 12:05:00 PM |
| CLIENT SAMPLE ID | MW-2 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **113** | 02/09/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **101** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **102** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **104** | 02/12/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 9:25:00 AM |
| CLIENT SAMPLE ID | MW-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 50 | 1 | UG/L | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 130 | 1 | UG/L | 02/09/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 250 | 1 | UG/L | 02/09/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

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|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 9:25:00 AM |
| CLIENT SAMPLE ID | MW-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Mercury | EPA-245.1 | U | 0.20 | 1 | UG/L | 02/13/2024 | RAL |
| Arsenic | EPA-200.8 | **3.4** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | U | 2.0 | 1 | UG/L | 02/13/2024 | EBS |
| Lead | EPA-200.8 | **1.7** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **94.0** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 9:25:00 AM |
| CLIENT SAMPLE ID | MW-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **114** | 02/09/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **100** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **105** | 02/12/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 11:30:00 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 | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 130 | 1 | UG/L | 02/10/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 250 | 1 | UG/L | 02/10/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 11:30:00 AM |
| CLIENT SAMPLE ID | MW-4 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Mercury | EPA-245.1 | U | 0.20 | 1 | UG/L | 02/13/2024 | RAL |
| Arsenic | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | U | 2.0 | 1 | UG/L | 02/13/2024 | EBS |
| Lead | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **95.1** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 11:30:00 AM |
| CLIENT SAMPLE ID | MW-4 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **110** | 02/10/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **101** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **104** | 02/12/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-05 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 10:50:00 AM |
| CLIENT SAMPLE ID | B1-W | 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 | 02/10/2024 | MNC |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-05 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 10:50:00 AM |
| CLIENT SAMPLE ID | B1-W | 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 | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **95.8** | 02/10/2024 | MNC |
| 1,2-Dichloroethane-d4 | EPA-8260 | **101** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **104** | 02/12/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-06 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 2:05:00 PM |
| CLIENT SAMPLE ID | B5-W | 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 | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | **180** | 170 | 1 | UG/L | 02/10/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U, f1 | 290 | 1 | UG/L | 02/10/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |



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ALS Group USA, Corp dba ALS Environmental

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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-06 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 2:05:00 PM |
| CLIENT SAMPLE ID | B5-W | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Mercury | EPA-245.1 | **0.27** | 0.20 | 1 | UG/L | 02/13/2024 | RAL |
| Arsenic | EPA-200.8 | **22** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | 1.0 | 1 | UG/L | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | **67** | 2.0 | 1 | UG/L | 02/13/2024 | EBS |
| Lead | EPA-200.8 | **66** | 1.0 | 1 | UG/L | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **91.8** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-06 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 2:05:00 PM |
| CLIENT SAMPLE ID | B5-W | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **108** | 02/10/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **102** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **103** | 02/12/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
f1 - Reporting limit for compound raised due to low sample amount.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-07 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 12:25:00 PM |
| CLIENT SAMPLE ID | B4-W | 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 | 02/10/2024 | MNC |
| Dichlorodifluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.20 | 1 | UG/L | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | 25 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 5.0 | 1 | UG/L | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.010 | 1 | UG/L | 02/12/2024 | DLC |



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ALS Group USA, Corp dba ALS Environmental

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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 2/15/2024<br>EV24020069<br>EV24020069-07 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | 81237489 | COLLECTION DATE: | 2/7/2024 12:25:00 PM |
| CLIENT SAMPLE ID | B4-W | 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 | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 4.0 | 1 | UG/L | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 10 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 2.0 | 1 | UG/L | 02/12/2024 | DLC |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **93.7** | 02/10/2024 | MNC |
| 1,2-Dichloroethane-d4 | EPA-8260 | **102** | 02/12/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/12/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **104** | 02/12/2024 | DLC |

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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043
CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: 81237489

DATE: 2/15/2024
ALS SDG#: EV24020069
WDOE ACCREDITATION: C601

## LABORATORY BLANK RESULTS

### MBG-020924W - Batch 207434 - Water by NWTPH-GX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | UG/L | 50 | 02/09/2024 | MNC |

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

### MB2-020924W - Batch 207222 - Water by NWTPH-DX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Diesel Range | NWTPH-DX | U | UG/L | 130 | 02/09/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | UG/L | 250 | 02/09/2024 | DHM |

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

### MB-021224W - Batch 207265 - Water by EPA-8260

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Chloromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | UG/L | 0.20 | 02/12/2024 | DLC |
| Bromomethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Chloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Acetone | EPA-8260 | U | UG/L | 25 | 02/12/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | UG/L | 5.0 | 02/12/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | UG/L | 10 | 02/12/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 2-Butanone | EPA-8260 | U | UG/L | 10 | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Chloroform | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Benzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Trichloroethene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |



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|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS SDG#: | EV24020069 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | 81237489 | | |

## LABORATORY BLANK RESULTS

### MB-021224W - Batch 207265 - Water by EPA-8260

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Dibromomethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | UG/L | 10 | 02/12/2024 | DLC |
| Toluene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | UG/L | 10 | 02/12/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | UG/L | 0.010 | 02/12/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | UG/L | 4.0 | 02/12/2024 | DLC |
| Styrene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| o-Xylene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Bromoform | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Bromobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | UG/L | 10 | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| Naphthalene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | UG/L | 2.0 | 02/12/2024 | DLC |



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| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | 81237489 | | |

## LABORATORY BLANK RESULTS

### MB-021224W - Batch 207265 - Water by EPA-8260

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

### MBLK-R458683 - Batch R458683 - Water by EPA-245.1

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Mercury | EPA-245.1 | U | UG/L | 0.20 | 02/13/2024 | RAL |

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

### MB-021224W - Batch 207273 - Water by EPA-200.8

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Arsenic | EPA-200.8 | U | UG/L | 1.0 | 02/13/2024 | EBS |
| Cadmium | EPA-200.8 | U | UG/L | 1.0 | 02/13/2024 | EBS |
| Chromium | EPA-200.8 | U | UG/L | 2.0 | 02/13/2024 | EBS |
| Lead | EPA-200.8 | U | UG/L | 1.0 | 02/13/2024 | EBS |

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CLIENT PROJECT: 81237489

DATE: 2/15/2024
ALS SDG#: EV24020069
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 207434 - Water by NWTPH-GX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Volatile Range - BS | NWTPH-GX | **101** | | | 66.5 | 122.7 | 02/09/2024 | MNC |
| TPH-Volatile Range - BSD | NWTPH-GX | **107** | **6** | | 66.5 | 122.7 | 02/09/2024 | MNC |

### ALS Test Batch ID: 207222 - Water by NWTPH-DX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Diesel Range - BS | NWTPH-DX | **101** | | | 67 | 125.2 | 02/09/2024 | DHM |
| TPH-Diesel Range - BSD | NWTPH-DX | **99.3** | **2** | | 67 | 125.2 | 02/09/2024 | DHM |

### ALS Test Batch ID: 207265 - Water by EPA-8260

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| Dichlorodifluoromethane - BSD | EPA-8260 | **100** | **8** | | 50 | 150 | 02/12/2024 | DLC |
| Chloromethane - BS | EPA-8260 | **97.7** | | | 50 | 150 | 02/12/2024 | DLC |
| Chloromethane - BSD | EPA-8260 | **91.9** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Vinyl Chloride - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| Vinyl Chloride - BSD | EPA-8260 | **102** | **8** | | 50 | 150 | 02/12/2024 | DLC |
| Bromomethane - BS | EPA-8260 | **97.0** | | | 50 | 150 | 02/12/2024 | DLC |
| Bromomethane - BSD | EPA-8260 | **91.1** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Chloroethane - BS | EPA-8260 | **107** | | | 50 | 150 | 02/12/2024 | DLC |
| Chloroethane - BSD | EPA-8260 | **99.7** | **7** | | 50 | 150 | 02/12/2024 | DLC |
| Carbon Tetrachloride - BS | EPA-8260 | **120** | | | 50 | 150 | 02/12/2024 | DLC |
| Carbon Tetrachloride - BSD | EPA-8260 | **112** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Trichlorofluoromethane - BS | EPA-8260 | **123** | | | 50 | 150 | 02/12/2024 | DLC |
| Trichlorofluoromethane - BSD | EPA-8260 | **114** | **8** | | 50 | 150 | 02/12/2024 | DLC |
| Carbon Disulfide - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| Carbon Disulfide - BSD | EPA-8260 | **101** | **7** | | 50 | 150 | 02/12/2024 | DLC |
| Acetone - BS | EPA-8260 | **83.0** | | | 50 | 150 | 02/12/2024 | DLC |
| Acetone - BSD | EPA-8260 | **79.1** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1-Dichloroethene - BS | EPA-8260 | **105** | | | 72.5 | 136 | 02/12/2024 | DLC |
| 1,1-Dichloroethene - BSD | EPA-8260 | **97.6** | **7** | | 72.5 | 136 | 02/12/2024 | DLC |
| Methylene Chloride - BS | EPA-8260 | **102** | | | 50 | 150 | 02/12/2024 | DLC |
| Methylene Chloride - BSD | EPA-8260 | **96.8** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| Acrylonitrile - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| Acrylonitrile - BSD | EPA-8260 | **103** | **7** | | 50 | 150 | 02/12/2024 | DLC |
| Methyl T-Butyl Ether - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| Methyl T-Butyl Ether - BSD | EPA-8260 | **101** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| Trans-1,2-Dichloroethene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |



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ALS SDG#: EV24020069
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Trans-1,2-Dichloroethene - BSD | EPA-8260 | **102** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1-Dichloroethane - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1-Dichloroethane - BSD | EPA-8260 | **97.5** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 2-Butanone - BS | EPA-8260 | **92.2** | | | 50 | 150 | 02/12/2024 | DLC |
| 2-Butanone - BSD | EPA-8260 | **89.8** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene - BS | EPA-8260 | **106** | | | 50 | 150 | 02/12/2024 | DLC |
| Cis-1,2-Dichloroethene - BSD | EPA-8260 | **100** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 2,2-Dichloropropane - BS | EPA-8260 | **118** | | | 50 | 150 | 02/12/2024 | DLC |
| 2,2-Dichloropropane - BSD | EPA-8260 | **109** | **8** | | 50 | 150 | 02/12/2024 | DLC |
| Bromochloromethane - BS | EPA-8260 | **92.8** | | | 50 | 150 | 02/12/2024 | DLC |
| Bromochloromethane - BSD | EPA-8260 | **89.0** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| Chloroform - BS | EPA-8260 | **98.6** | | | 50 | 150 | 02/12/2024 | DLC |
| Chloroform - BSD | EPA-8260 | **92.5** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,1-Trichloroethane - BSD | EPA-8260 | **103** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1-Dichloropropene - BS | EPA-8260 | **109** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1-Dichloropropene - BSD | EPA-8260 | **103** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dichloroethane - BS | EPA-8260 | **102** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dichloroethane - BSD | EPA-8260 | **96.4** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| Benzene - BS | EPA-8260 | **101** | | | 74.7 | 143 | 02/12/2024 | DLC |
| Benzene - BSD | EPA-8260 | **94.7** | **7** | | 74.7 | 143 | 02/12/2024 | DLC |
| Trichloroethene - BS | EPA-8260 | **103** | | | 74.4 | 141 | 02/12/2024 | DLC |
| Trichloroethene - BSD | EPA-8260 | **95.9** | **7** | | 74.4 | 141 | 02/12/2024 | DLC |
| 1,2-Dichloropropane - BS | EPA-8260 | **103** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dichloropropane - BSD | EPA-8260 | **95.6** | **7** | | 50 | 150 | 02/12/2024 | DLC |
| Dibromomethane - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| Dibromomethane - BSD | EPA-8260 | **98.7** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| Bromodichloromethane - BS | EPA-8260 | **105** | | | 50 | 150 | 02/12/2024 | DLC |
| Bromodichloromethane - BSD | EPA-8260 | **99.0** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| Trans-1,3-Dichloropropene - BSD | EPA-8260 | **104** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone - BS | EPA-8260 | **103** | | | 50 | 150 | 02/12/2024 | DLC |
| 4-Methyl-2-Pentanone - BSD | EPA-8260 | **98.5** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| Toluene - BS | EPA-8260 | **107** | | | 71.7 | 139 | 02/12/2024 | DLC |
| Toluene - BSD | EPA-8260 | **98.9** | **8** | | 71.7 | 139 | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene - BS | EPA-8260 | **107** | | | 50 | 150 | 02/12/2024 | DLC |
| Cis-1,3-Dichloropropene - BSD | EPA-8260 | **99.9** | **7** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane - BS | EPA-8260 | **102** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,2-Trichloroethane - BSD | EPA-8260 | **99.6** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| 2-Hexanone - BS | EPA-8260 | **100** | | | 50 | 150 | 02/12/2024 | DLC |



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## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone - BSD | EPA-8260 | **98.2** | **2** | | 50 | 150 | 02/12/2024 | DLC |
| 1,3-Dichloropropane - BS | EPA-8260 | **103** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,3-Dichloropropane - BSD | EPA-8260 | **100** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| Tetrachloroethylene - BS | EPA-8260 | **100** | | | 50 | 150 | 02/12/2024 | DLC |
| Tetrachloroethylene - BSD | EPA-8260 | **95.9** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| Dibromochloromethane - BS | EPA-8260 | **109** | | | 50 | 150 | 02/12/2024 | DLC |
| Dibromochloromethane - BSD | EPA-8260 | **104** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dibromoethane - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dibromoethane - BSD | EPA-8260 | **105** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| Chlorobenzene - BS | EPA-8260 | **105** | | | 73 | 131 | 02/12/2024 | DLC |
| Chlorobenzene - BSD | EPA-8260 | **99.4** | **5** | | 73 | 131 | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BSD | EPA-8260 | **103** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| Ethylbenzene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| Ethylbenzene - BSD | EPA-8260 | **103** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| m,p-Xylene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| m,p-Xylene - BSD | EPA-8260 | **102** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Styrene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| Styrene - BSD | EPA-8260 | **103** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| o-Xylene - BS | EPA-8260 | **107** | | | 50 | 150 | 02/12/2024 | DLC |
| o-Xylene - BSD | EPA-8260 | **102** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| Bromoform - BS | EPA-8260 | **107** | | | 50 | 150 | 02/12/2024 | DLC |
| Bromoform - BSD | EPA-8260 | **105** | **2** | | 50 | 150 | 02/12/2024 | DLC |
| Isopropylbenzene - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| Isopropylbenzene - BSD | EPA-8260 | **104** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BS | EPA-8260 | **94.6** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BSD | EPA-8260 | **93.3** | **1** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane - BS | EPA-8260 | **95.8** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,3-Trichloropropane - BSD | EPA-8260 | **94.8** | **1** | | 50 | 150 | 02/12/2024 | DLC |
| Bromobenzene - BS | EPA-8260 | **101** | | | 50 | 150 | 02/12/2024 | DLC |
| Bromobenzene - BSD | EPA-8260 | **97.9** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| N-Propyl Benzene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| N-Propyl Benzene - BSD | EPA-8260 | **99.3** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| 2-Chlorotoluene - BS | EPA-8260 | **102** | | | 50 | 150 | 02/12/2024 | DLC |
| 2-Chlorotoluene - BSD | EPA-8260 | **97.3** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,3,5-Trimethylbenzene - BSD | EPA-8260 | **99.3** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| 4-Chlorotoluene - BS | EPA-8260 | **102** | | | 50 | 150 | 02/12/2024 | DLC |
| 4-Chlorotoluene - BSD | EPA-8260 | **98.0** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| T-Butyl Benzene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043
CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: 81237489

DATE: 2/15/2024
ALS SDG#: EV24020069
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| T-Butyl Benzene - BSD | EPA-8260 | **98.8** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,4-Trimethylbenzene - BSD | EPA-8260 | **99.5** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| S-Butyl Benzene - BS | EPA-8260 | **106** | | | 50 | 150 | 02/12/2024 | DLC |
| S-Butyl Benzene - BSD | EPA-8260 | **101** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| P-Isopropyltoluene - BS | EPA-8260 | **108** | | | 50 | 150 | 02/12/2024 | DLC |
| P-Isopropyltoluene - BSD | EPA-8260 | **102** | **5** | | 50 | 150 | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,3-Dichlorobenzene - BSD | EPA-8260 | **100** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene - BS | EPA-8260 | **103** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,4-Dichlorobenzene - BSD | EPA-8260 | **99.5** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| N-Butylbenzene - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| N-Butylbenzene - BSD | EPA-8260 | **103** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene - BS | EPA-8260 | **103** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dichlorobenzene - BSD | EPA-8260 | **99.6** | **3** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BS | EPA-8260 | **99.3** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BSD | EPA-8260 | **98.2** | **1** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene - BS | EPA-8260 | **97.0** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,4-Trichlorobenzene - BSD | EPA-8260 | **93.0** | **4** | | 50 | 150 | 02/12/2024 | DLC |
| Hexachlorobutadiene - BS | EPA-8260 | **110** | | | 50 | 150 | 02/12/2024 | DLC |
| Hexachlorobutadiene - BSD | EPA-8260 | **103** | **6** | | 50 | 150 | 02/12/2024 | DLC |
| Naphthalene - BS | EPA-8260 | **92.0** | | | 50 | 150 | 02/12/2024 | DLC |
| Naphthalene - BSD | EPA-8260 | **89.8** | **2** | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene - BS | EPA-8260 | **92.9** | | | 50 | 150 | 02/12/2024 | DLC |
| 1,2,3-Trichlorobenzene - BSD | EPA-8260 | **89.4** | **4** | | 50 | 150 | 02/12/2024 | DLC |

### ALS Test Batch ID: R458683 - Water by EPA-245.1

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Mercury - BS | EPA-245.1 | **103** | | | 80.6 | 118 | 02/13/2024 | RAL |
| Mercury - BSD | EPA-245.1 | **103** | **0** | | 80.6 | 118 | 02/13/2024 | RAL |

### ALS Test Batch ID: 207273 - Water by EPA-200.8

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Arsenic - BS | EPA-200.8 | **97.4** | | | 89.1 | 110 | 02/13/2024 | EBS |
| Arsenic - BSD | EPA-200.8 | **98.1** | **1** | | 89.1 | 110 | 02/13/2024 | EBS |
| Cadmium - BS | EPA-200.8 | **101** | | | 89.4 | 110 | 02/13/2024 | EBS |
| Cadmium - BSD | EPA-200.8 | **103** | **1** | | 89.4 | 110 | 02/13/2024 | EBS |
| Chromium - BS | EPA-200.8 | **100** | | | 88.3 | 110.2 | 02/13/2024 | EBS |



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS SDG#: | EV24020069 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | 81237489 | | |

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Chromium - BSD | EPA-200.8 | **101** | **1** | | 88.3 | 110.2 | 02/13/2024 | EBS |
| Lead - BS | EPA-200.8 | **96.1** | | | 87.5 | 107 | 02/13/2024 | EBS |
| Lead - BSD | EPA-200.8 | **95.8** | **0** | | 87.5 | 107 | 02/13/2024 | EBS |

APPROVED BY

Rob Greer
Laboratory Director



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# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV24020069

Date 2/7/24 Page 1 Of 2

PROJECT ID: 81237489
REPORT TO COMPANY: Terracon
PROJECT MANAGER: Sydney Pazera
ADDRESS: 21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043
PHONE: 425 771 3304 P.O. #:
E-MAIL: sydney.pazera@terracon.com
INVOICE TO COMPANY: Same as above
ATTENTION:
ADDRESS:

| 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. MW-1 | 2/7/24 | 1320 | GW | 1 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 2. MW-2 | | 1205 | | 2 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 3. MW-3 | | 0925 | | 3 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 4. MW-4 | | 1130 | | 4 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 5. B1-W | | 1050 | | 5 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 6. ~~B2-W~~ B5-W | | 1405 | | 6 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 7. ~~B3-W~~ | | | | | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 8. B4-W | | 1225 | | 7 | | X | X | | | | | | X | | | | | | | X | | | | 5 | |
| 9. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL INSTRUCTIONS 2/9/24 - Cancel Dx + MTCA-5 for B1-W and B4-W - no bottles received. S

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: SPR, Terracon, 2/8/24
   Received By: APREESE, ALS, 02/08/24 @1530
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: Terracon 5-day

*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Terracon ALS Job#: E2402 0069

Project: 81237489

Login Date: 2/8/24 Login Time: 16:10 Login By: AHF/CW

Type of Shipping Container: Cooler ✓ Box ___ Other ___

Shipped via: FedEx Ground ___ UPS ___ Courier ___ Hand Delivered ___ ALS Courier ✓
FedEx Express ___

| | Yes | No | N/A |
|---|---|---|---|
| Were custody seals on outside of shipping container? If yes, how many? ___ Where? ___ Custody seal date: ___ Seal name: ___ | ___ | ✓ | ___ |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | ✓ | ___ | ___ |
| Did all bottles have labels? | ✓ | ___ | ___ |
| Did all bottle labels and tags agree with Chain of Custody? | ✓ | ___ | ___ |
| Were samples received within hold time? | ✓ | ___ | ___ |
| Did all bottles arrive in good condition (unbroken, etc.)? | ✓ | ___ | ___ |
| Was sufficient amount of sample sent for the tests indicated? | ___ | ✓ - see below | ___ |
| Was correct preservation added to samples? | ✓ | ___ | ___ |
| Subcontract test containers added to Subcontract Bin? | ___ | ___ | ✓ |
| Wetchem test containers marked with required Tests? | ___ | ___ | ✓ |
| Short hold time test containers delivered to analysts? | ___ | ___ | ✓ |
| Were VOA vials checked for absence of air bubbles? | ✓ | ___ | ___ |

Bubbles present in sample #: None

5035A kits received? ___ ✓ ___
# Low Kits: ___ # High Kits: ___

5035A kits returned?
# Low Kits: ___ # High Kits: ___

Temperature of cooler upon receipt: 4.4°C On ice? ✓

Explain any discrepancies: Missing 1/2L amber & 500 ml poly for Samples #5 & #7. (DX + MTCA 5)

Was client contacted? Y Who was called? Sydney By whom? RB Date: 2/8/24

Outcome of call:

February 15, 2024

Ms. Sydney Pazera
Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

Dear Ms. Pazera,

On February 8th, 9 samples were received by our laboratory and assigned our laboratory project number EV24020070. The project was identified as your Raising Cane's #C1112 . The sample identification and requested analyses are outlined on the attached chain of custody record.

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

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

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



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: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:40:00 AM |
| CLIENT SAMPLE ID | B1-0.5 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | **43** | 25 | 1 | MG/KG | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | **200** | 50 | 1 | MG/KG | 02/12/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:40:00 AM |
| CLIENT SAMPLE ID | B1-0.5 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.033** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **1.7** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | **0.18** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **22** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **12** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:40:00 AM |
| CLIENT SAMPLE ID | B1-0.5 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **89.6** | 02/10/2024 | MNC |
| C25 | NWTPH-DX | **118** | 02/12/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **107** | 02/13/2024 | DLC |
| Toluene-d8 | EPA-8260 | **100** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **106** | 02/13/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 10:01:00 AM |
| CLIENT SAMPLE ID | B1A-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 25 | 1 | MG/KG | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 50 | 1 | MG/KG | 02/12/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 10:01:00 AM |
| CLIENT SAMPLE ID | B1A-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.040** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **2.3** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | U | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **23** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **1.9** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **84.2** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-02 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 10:01:00 AM |
| CLIENT SAMPLE ID | B1A-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **116** | 02/12/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **104** | 02/13/2024 | DLC |
| Toluene-d8 | EPA-8260 | **99.4** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **99.3** | 02/13/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 8:53:00 AM |
| CLIENT SAMPLE ID | B2-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 25 | 1 | MG/KG | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 50 | 1 | MG/KG | 02/12/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone - Reanalysis1 | EPA-8260 | U | 0.075 | 1 | MG/KG | 02/14/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 8:53:00 AM |
| CLIENT SAMPLE ID | B2-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.045** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **3.4** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | U | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **18** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **8.7** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **85.4** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-03 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 8:53:00 AM |
| CLIENT SAMPLE ID | B2-3 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **119** | 02/12/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **105** | 02/13/2024 | DLC |
| 1,2-Dichloroethane-d4 - Reanalysis1 | EPA-8260 | **102** | 02/14/2024 | DLC |
| Toluene-d8 | EPA-8260 | **99.9** | 02/13/2024 | DLC |
| Toluene-d8 - Reanalysis1 | EPA-8260 | **98.8** | 02/14/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **100** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene - Reanalysis1 | EPA-8260 | **98.1** | 02/14/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:13:00 AM |
| CLIENT SAMPLE ID | B3-2 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 25 | 1 | MG/KG | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 50 | 1 | MG/KG | 02/12/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:13:00 AM |
| CLIENT SAMPLE ID | B3-2 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.036** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **1.9** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | **0.10** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **30** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **9.0** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **85.2** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-04 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 9:13:00 AM |
| CLIENT SAMPLE ID | B3-2 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **107** | 02/12/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **102** | 02/13/2024 | DLC |
| Toluene-d8 | EPA-8260 | **100** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **101** | 02/13/2024 | DLC |

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



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-07 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 11:25:00 AM |
| CLIENT SAMPLE ID | B4-6 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 02/13/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 120 | 5 | MG/KG | 02/13/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | **900** | 250 | 5 | MG/KG | 02/13/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-07 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 11:25:00 AM |
| CLIENT SAMPLE ID | B4-6 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.027** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **2.8** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | **0.16** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **19** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **29** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **89.5** | 02/13/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-07 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 11:25:00 AM |
| CLIENT SAMPLE ID | B4-6 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 5X Dilution | NWTPH-DX | **114** | 02/13/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **106** | 02/13/2024 | DLC |
| Toluene-d8 | EPA-8260 | **103** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **115** | 02/13/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-08 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 12:45:00 PM |
| CLIENT SAMPLE ID | B5-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | **91** | 3.0 | 1 | MG/KG | 02/10/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | **40** | 25 | 1 | MG/KG | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | **110** | 50 | 1 | MG/KG | 02/12/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-08 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 12:45:00 PM |
| CLIENT SAMPLE ID | B5-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 02/13/2024 | DLC |
| Mercury | EPA-7471 | **0.071** | 0.020 | 1 | MG/KG | 02/13/2024 | RAL |
| Arsenic | EPA-6020 | **6.3** | 0.20 | 1 | MG/KG | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | **0.32** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Chromium | EPA-6020 | **29** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |
| Lead | EPA-6020 | **54** | 0.10 | 1 | MG/KG | 02/13/2024 | EBS |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **99.2** | 02/10/2024 | MNC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS JOB#: | EV24020070 |
| | | ALS SAMPLE#: | EV24020070-08 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/08/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 | COLLECTION DATE: | 2/7/2024 12:45:00 PM |
| CLIENT SAMPLE ID | B5-1 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| C25 | NWTPH-DX | **122** | 02/12/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **104** | 02/13/2024 | DLC |
| Toluene-d8 | EPA-8260 | **99.8** | 02/13/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **103** | 02/13/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered gasoline, an unidentified diesel range product and lube oil.
Gasoline range product results biased high due to semivolatile range product overlap.
Diesel range product results biased high due to oil range product overlap.



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112

DATE: 2/15/2024
ALS SDG#: EV24020070
WDOE ACCREDITATION: C601

## LABORATORY BLANK RESULTS

### MBG-020924S - Batch 207440 - Soil by NWTPH-GX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | MG/KG | 3.0 | 02/10/2024 | MNC |

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

### MB-021124S - Batch 207224 - Soil by NWTPH-DX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Diesel Range | NWTPH-DX | U | MG/KG | 25 | 02/12/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | MG/KG | 50 | 02/12/2024 | DHM |

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

### MB-021324S - Batch 207432 - Soil by EPA-8260

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Chloromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Bromomethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Chloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Acetone | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | MG/KG | 0.020 | 02/13/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 2-Butanone | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Chloroform | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Benzene | EPA-8260 | U | MG/KG | 0.0050 | 02/13/2024 | DLC |
| Trichloroethene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS SDG#: | EV24020070 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 | | |

## LABORATORY BLANK RESULTS

### MB-021324S - Batch 207432 - Soil by EPA-8260

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Dibromomethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| Toluene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | MG/KG | 0.0050 | 02/13/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | MG/KG | 0.020 | 02/13/2024 | DLC |
| Styrene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| o-Xylene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Bromoform | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Bromobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | MG/KG | 0.050 | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| Naphthalene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS SDG#: | EV24020070 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 | | |

## LABORATORY BLANK RESULTS

### MB-021324S - Batch 207432 - Soil by EPA-8260

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

### MBLK-R458936 - Batch R458936 - Soil by EPA-7471

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Mercury | EPA-7471 | U | MG/KG | 0.020 | 02/13/2024 | RAL |

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

### MB-021224S - Batch 207220 - Soil by EPA-6020

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Arsenic | EPA-6020 | U | MG/KG | 0.20 | 02/13/2024 | EBS |
| Cadmium | EPA-6020 | U | MG/KG | 0.10 | 02/13/2024 | EBS |
| Chromium | EPA-6020 | U | MG/KG | 0.10 | 02/13/2024 | EBS |
| Lead | EPA-6020 | U | MG/KG | 0.10 | 02/13/2024 | EBS |

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



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112

DATE: 2/15/2024
ALS SDG#: EV24020070
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 207440 - Soil by NWTPH-GX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Volatile Range - BS | NWTPH-GX | **98.4** | | | 66.5 | 122.7 | 02/10/2024 | MNC |
| TPH-Volatile Range - BSD | NWTPH-GX | **100** | **2** | | 66.5 | 122.7 | 02/10/2024 | MNC |

### ALS Test Batch ID: 207224 - Soil by NWTPH-DX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Diesel Range - BS | NWTPH-DX | **113** | | | 75.5 | 122.1 | 02/12/2024 | DHM |
| TPH-Diesel Range - BSD | NWTPH-DX | **112** | **1** | | 75.5 | 122.1 | 02/12/2024 | DHM |

### ALS Test Batch ID: 207432 - Soil by EPA-8260

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| Dichlorodifluoromethane - BSD | EPA-8260 | **92.0** | **12** | | 50 | 150 | 02/13/2024 | DLC |
| Chloromethane - BS | EPA-8260 | **110** | | | 50 | 150 | 02/13/2024 | DLC |
| Chloromethane - BSD | EPA-8260 | **98.2** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Vinyl Chloride - BS | EPA-8260 | **109** | | | 50 | 150 | 02/13/2024 | DLC |
| Vinyl Chloride - BSD | EPA-8260 | **97.5** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Bromomethane - BS | EPA-8260 | **111** | | | 50 | 150 | 02/13/2024 | DLC |
| Bromomethane - BSD | EPA-8260 | **103** | **8** | | 50 | 150 | 02/13/2024 | DLC |
| Chloroethane - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| Chloroethane - BSD | EPA-8260 | **94.9** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Carbon Tetrachloride - BS | EPA-8260 | **110** | | | 50 | 150 | 02/13/2024 | DLC |
| Carbon Tetrachloride - BSD | EPA-8260 | **99.3** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Trichlorofluoromethane - BS | EPA-8260 | **109** | | | 50 | 150 | 02/13/2024 | DLC |
| Trichlorofluoromethane - BSD | EPA-8260 | **97.9** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Carbon Disulfide - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| Carbon Disulfide - BSD | EPA-8260 | **92.6** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Acetone - BS | EPA-8260 | **72.6** | | | 50 | 150 | 02/13/2024 | DLC |
| Acetone - BSD | EPA-8260 | **72.3** | **0** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1-Dichloroethene - BS | EPA-8260 | **108** | | | 70 | 130 | 02/13/2024 | DLC |
| 1,1-Dichloroethene - BSD | EPA-8260 | **97.6** | **11** | | 70 | 130 | 02/13/2024 | DLC |
| Methylene Chloride - BS | EPA-8260 | **104** | | | 50 | 150 | 02/13/2024 | DLC |
| Methylene Chloride - BSD | EPA-8260 | **86.4** | **18** | | 50 | 150 | 02/13/2024 | DLC |
| Acrylonitrile - BS | EPA-8260 | **110** | | | 50 | 150 | 02/13/2024 | DLC |
| Acrylonitrile - BSD | EPA-8260 | **98.0** | **12** | | 50 | 150 | 02/13/2024 | DLC |
| Methyl T-Butyl Ether - BS | EPA-8260 | **109** | | | 50 | 150 | 02/13/2024 | DLC |
| Methyl T-Butyl Ether - BSD | EPA-8260 | **96.8** | **12** | | 50 | 150 | 02/13/2024 | DLC |
| Trans-1,2-Dichloroethene - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |



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ALS Environmental

## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112

DATE: 2/15/2024
ALS SDG#: EV24020070
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Trans-1,2-Dichloroethene - BSD | EPA-8260 | **93.6** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1-Dichloroethane - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1-Dichloroethane - BSD | EPA-8260 | **95.1** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 2-Butanone - BS | EPA-8260 | **91.3** | | | 50 | 150 | 02/13/2024 | DLC |
| 2-Butanone - BSD | EPA-8260 | **85.0** | **7** | | 50 | 150 | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |
| Cis-1,2-Dichloroethene - BSD | EPA-8260 | **93.9** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 2,2-Dichloropropane - BS | EPA-8260 | **102** | | | 50 | 150 | 02/13/2024 | DLC |
| 2,2-Dichloropropane - BSD | EPA-8260 | **91.1** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Bromochloromethane - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| Bromochloromethane - BSD | EPA-8260 | **92.4** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Chloroform - BS | EPA-8260 | **104** | | | 50 | 150 | 02/13/2024 | DLC |
| Chloroform - BSD | EPA-8260 | **91.2** | **13** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane - BS | EPA-8260 | **108** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,1-Trichloroethane - BSD | EPA-8260 | **96.3** | **12** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1-Dichloropropene - BS | EPA-8260 | **107** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1-Dichloropropene - BSD | EPA-8260 | **95.3** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dichloroethane - BS | EPA-8260 | **96.5** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dichloroethane - BSD | EPA-8260 | **86.6** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Benzene - BS | EPA-8260 | **100** | | | 75 | 138 | 02/13/2024 | DLC |
| Benzene - BSD | EPA-8260 | **90.0** | **11** | | 75 | 138 | 02/13/2024 | DLC |
| Trichloroethene - BS | EPA-8260 | **102** | | | 75 | 136 | 02/13/2024 | DLC |
| Trichloroethene - BSD | EPA-8260 | **92.6** | **10** | | 75 | 136 | 02/13/2024 | DLC |
| 1,2-Dichloropropane - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dichloropropane - BSD | EPA-8260 | **94.8** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Dibromomethane - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| Dibromomethane - BSD | EPA-8260 | **92.3** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Bromodichloromethane - BS | EPA-8260 | **104** | | | 50 | 150 | 02/13/2024 | DLC |
| Bromodichloromethane - BSD | EPA-8260 | **93.7** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| Trans-1,3-Dichloropropene - BSD | EPA-8260 | **96.5** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone - BS | EPA-8260 | **108** | | | 50 | 150 | 02/13/2024 | DLC |
| 4-Methyl-2-Pentanone - BSD | EPA-8260 | **94.6** | **13** | | 50 | 150 | 02/13/2024 | DLC |
| Toluene - BS | EPA-8260 | **99.5** | | | 71.6 | 122.1 | 02/13/2024 | DLC |
| Toluene - BSD | EPA-8260 | **90.1** | **10** | | 71.6 | 122.1 | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| Cis-1,3-Dichloropropene - BSD | EPA-8260 | **95.5** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane - BS | EPA-8260 | **104** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,2-Trichloroethane - BSD | EPA-8260 | **93.9** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 2-Hexanone - BS | EPA-8260 | **97.5** | | | 50 | 150 | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

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21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112

DATE: 2/15/2024
ALS SDG#: EV24020070
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone - BSD | EPA-8260 | **86.0** | **13** | | 50 | 150 | 02/13/2024 | DLC |
| 1,3-Dichloropropane - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,3-Dichloropropane - BSD | EPA-8260 | **94.7** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Tetrachloroethylene - BS | EPA-8260 | **95.0** | | | 50 | 150 | 02/13/2024 | DLC |
| Tetrachloroethylene - BSD | EPA-8260 | **101** | **6** | | 50 | 150 | 02/13/2024 | DLC |
| Dibromochloromethane - BS | EPA-8260 | **109** | | | 50 | 150 | 02/13/2024 | DLC |
| Dibromochloromethane - BSD | EPA-8260 | **98.3** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dibromoethane - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dibromoethane - BSD | EPA-8260 | **96.0** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Chlorobenzene - BS | EPA-8260 | **101** | | | 79 | 128 | 02/13/2024 | DLC |
| Chlorobenzene - BSD | EPA-8260 | **92.1** | **9** | | 79 | 128 | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BSD | EPA-8260 | **93.6** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Ethylbenzene - BS | EPA-8260 | **98.1** | | | 50 | 150 | 02/13/2024 | DLC |
| Ethylbenzene - BSD | EPA-8260 | **88.9** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| m,p-Xylene - BS | EPA-8260 | **98.6** | | | 50 | 150 | 02/13/2024 | DLC |
| m,p-Xylene - BSD | EPA-8260 | **89.9** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| Styrene - BS | EPA-8260 | **104** | | | 50 | 150 | 02/13/2024 | DLC |
| Styrene - BSD | EPA-8260 | **95.1** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| o-Xylene - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| o-Xylene - BSD | EPA-8260 | **92.9** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Bromoform - BS | EPA-8260 | **109** | | | 50 | 150 | 02/13/2024 | DLC |
| Bromoform - BSD | EPA-8260 | **97.6** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Isopropylbenzene - BS | EPA-8260 | **101** | | | 50 | 150 | 02/13/2024 | DLC |
| Isopropylbenzene - BSD | EPA-8260 | **91.7** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BS | EPA-8260 | **106** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BSD | EPA-8260 | **95.2** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane - BS | EPA-8260 | **102** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,3-Trichloropropane - BSD | EPA-8260 | **92.2** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| Bromobenzene - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| Bromobenzene - BSD | EPA-8260 | **94.1** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| N-Propyl Benzene - BS | EPA-8260 | **102** | | | 50 | 150 | 02/13/2024 | DLC |
| N-Propyl Benzene - BSD | EPA-8260 | **93.4** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| 2-Chlorotoluene - BS | EPA-8260 | **100** | | | 50 | 150 | 02/13/2024 | DLC |
| 2-Chlorotoluene - BSD | EPA-8260 | **91.1** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene - BS | EPA-8260 | **102** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,3,5-Trimethylbenzene - BSD | EPA-8260 | **93.0** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| 4-Chlorotoluene - BS | EPA-8260 | **99.6** | | | 50 | 150 | 02/13/2024 | DLC |
| 4-Chlorotoluene - BSD | EPA-8260 | **91.2** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| T-Butyl Benzene - BS | EPA-8260 | **105** | | | 50 | 150 | 02/13/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112

DATE: 2/15/2024
ALS SDG#: EV24020070
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| T-Butyl Benzene - BSD | EPA-8260 | **96.2** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene - BS | EPA-8260 | **99.8** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,4-Trimethylbenzene - BSD | EPA-8260 | **90.0** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| S-Butyl Benzene - BS | EPA-8260 | **103** | | | 50 | 150 | 02/13/2024 | DLC |
| S-Butyl Benzene - BSD | EPA-8260 | **93.8** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| P-Isopropyltoluene - BS | EPA-8260 | **101** | | | 50 | 150 | 02/13/2024 | DLC |
| P-Isopropyltoluene - BSD | EPA-8260 | **92.5** | **9** | | 50 | 150 | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene - BS | EPA-8260 | **99.3** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,3-Dichlorobenzene - BSD | EPA-8260 | **90.1** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene - BS | EPA-8260 | **99.6** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,4-Dichlorobenzene - BSD | EPA-8260 | **90.3** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| N-Butylbenzene - BS | EPA-8260 | **101** | | | 50 | 150 | 02/13/2024 | DLC |
| N-Butylbenzene - BSD | EPA-8260 | **90.2** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene - BS | EPA-8260 | **102** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dichlorobenzene - BSD | EPA-8260 | **92.2** | **10** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BS | EPA-8260 | **96.9** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BSD | EPA-8260 | **86.9** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene - BS | EPA-8260 | **94.9** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,4-Trichlorobenzene - BSD | EPA-8260 | **83.9** | **12** | | 50 | 150 | 02/13/2024 | DLC |
| Hexachlorobutadiene - BS | EPA-8260 | **99.8** | | | 50 | 150 | 02/13/2024 | DLC |
| Hexachlorobutadiene - BSD | EPA-8260 | **89.1** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| Naphthalene - BS | EPA-8260 | **79.2** | | | 50 | 150 | 02/13/2024 | DLC |
| Naphthalene - BSD | EPA-8260 | **70.7** | **11** | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene - BS | EPA-8260 | **74.2** | | | 50 | 150 | 02/13/2024 | DLC |
| 1,2,3-Trichlorobenzene - BSD | EPA-8260 | **69.4** | **7** | | 50 | 150 | 02/13/2024 | DLC |

### ALS Test Batch ID: R458936 - Soil by EPA-7471

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Mercury - BS | EPA-7471 | **107** | | | 81.8 | 117 | 02/13/2024 | RAL |
| Mercury - BSD | EPA-7471 | **107** | **0** | | 81.8 | 117 | 02/13/2024 | RAL |

### ALS Test Batch ID: 207220 - Soil by EPA-6020

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Arsenic - BS | EPA-6020 | **95.0** | | | 80 | 120 | 02/13/2024 | EBS |
| Arsenic - BSD | EPA-6020 | **102** | **8** | | 80 | 120 | 02/13/2024 | EBS |
| Cadmium - BS | EPA-6020 | **96.6** | | | 80 | 120 | 02/13/2024 | EBS |
| Cadmium - BSD | EPA-6020 | **104** | **7** | | 80 | 120 | 02/13/2024 | EBS |
| Chromium - BS | EPA-6020 | **90.6** | | | 80 | 120 | 02/13/2024 | EBS |



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 2/15/2024 |
| | | ALS SDG#: | EV24020070 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 | | |

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Chromium - BSD | EPA-6020 | **97.6** | **7** | | 80 | 120 | 02/13/2024 | EBS |
| Lead - BS | EPA-6020 | **88.7** | | | 80 | 120 | 02/13/2024 | EBS |
| Lead - BSD | EPA-6020 | **93.9** | **6** | | 80 | 120 | 02/13/2024 | EBS |

APPROVED BY

Rob Greer
Laboratory Director



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# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV24020070

Date 2/8/24 Page 1 Of 1

PROJECT ID: Raising Cane's #C1112
REPORT TO COMPANY: Terracon
PROJECT MANAGER: Sydney Patera
ADDRESS: 21905 64th Ave W Ste 200
Mountlake Terrace WA 98043
PHONE: 425 771 3304 FAX:
P.O. #: 81237489 E-MAIL: Sydney.patera@terracon.com
INVOICE TO COMPANY: Terracon
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 ☐ | OTHER (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B1-0.5 | 2/7/24 | 0940 | SOIL | 1 | | X | X | | | | X | | | | | | X | | | | |
| 2. B1A-9 | ↓ | 1001 | ↓ | 2 | | X | X | | | | X | | | | | | X | | | | |
| 3. B2-3 | | 0853 | | 3 | | X | X | | | | X | | | | | | X | | | | |
| 4. B3-2 | | 0913 | | 4 | | X | X | | | | X | | | | | | X | | | | |
| 5. B3-4 | | 0915 | | 5 | | | | | | | | | | | | | | | HOLD SAMPLE | | |
| 6. B4-1 | | 1122 | | 6 | | | | | | | | | | | | | | | HOLD SAMPLE | | |
| 7. B4-6 | | 1125 | | 7 | | X | X | | | | X | | | | | | X | | | | |
| 8. B5-1 | | 1245 | | 8 | | X | X | | | | X | | | | | | X | | | | |
| 9. B5-6 | ↓ | 1312 | ↓ | 9 | | | | | | | | | | | | | | | HOLD SAMPLE | | |
| 10. | | | | | | | | | | | | | | | | | | | | | |

SPECIAL INSTRUCTIONS cc: Keegan.alderink@terracon.com

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: SKR, Terracon, 2/8/24
   Received By: AFREESE, ALS, 02/08/24 @1530
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 Terracon TAT

*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Terracon ALS Job#: EV2402070

Project: Raising Caves #C1112

Login Date: 2/8/24 Login Time: 16:10 Login By: AHP/CN/RL

Type of Shipping Container: Cooler ✓ Box ___ Other ___

Shipped via: FedEx Ground ___ UPS ___ Courier ___ Hand Delivered ___ ALS Courier ✓
FedEx Express ___

| | Yes | No | N/A |
|---|---|---|---|
| Were custody seals on outside of shipping container? | ___ | ✓ | ___ |
| If yes, how many? ___ Where? ___ | | | |
| Custody seal date: ___ Seal name: ___ | | | |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | ✓ | ___ | ___ |
| Did all bottles have labels? | ✓ | ___ | ___ |
| Did all bottle labels and tags agree with Chain of Custody? | ✓ | ___ | ___ |
| Were samples received within hold time? | ✓ | ___ | ___ |
| Did all bottles arrive in good condition (unbroken, etc.)? | ✓ | ___ | ___ |
| Was sufficient amount of sample sent for the tests indicated? | ✓ | ___ | ___ |
| Was correct preservation added to samples? | ✓ | ___ | ___ |
| Subcontract test containers added to Subcontract Bin? | ___ | ___ | ✓ |
| Wetchem test containers marked with required Tests? | ___ | ___ | ✓ |
| Short hold time test containers delivered to analysts? | ___ | ___ | ✓ |
| Were VOA vials checked for absence of air bubbles? | ___ | ___ | ✓ |
| Bubbles present in sample #: ___ | | | |
| 5035A kits received? | ✓ | ___ | ___ |
| # Low Kits: ✓ 9 # High Kits: ___ | | | |
| 5035A kits returned? | | | |
| # Low Kits: 7 # High Kits: ___ | | | |
| Temperature of cooler upon receipt: 4.4°C On ice? | ___ | ___ | ___ |

Explain any discrepancies:

Several Samples Received But Not on COC. Client Asked to Dispose Samples

B5-3, B4-4, B2-1, B3A-2, B5-8, B2-4, B3A-4, B5-8

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

Outcome of call:

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 Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

February 23, 2024

Sydney Pazera, Project Manager
Terracon
Pacific Cascade Building
21905 64th Ave. W., Suite 100
Mountlake Terrace, WA 98043

Dear Ms Pazera:

Included is the amended report from the testing of material submitted on February 8, 2024 from the Raising Cane's #C1112 81237489, F&BI 402126 project. The project number has been amended from 81237485 to 81237489 as listed on the chain of custody.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Terracon A/P (TRR)
TRR0222R.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.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

February 22, 2024

Sydney Pazera, Project Manager
Terracon
Pacific Cascade Building
21905 64th Ave. W., Suite 100
Mountlake Terrace, WA 98043

Dear Ms Pazera:

Included are the results from the testing of material submitted on February 8, 2024 from the Raising Cane's #C1112 81237489, F&BI 402126 project. There are 13 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Terracon A/P (TRR)
TRR0222R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on February 8, 2024 by Friedman & Bruya, Inc. from the Terracon Raising Cane's #C1112 81237489, F&BI 402126 project. Samples were logged in under the laboratory ID's listed below.

| Laboratory ID | Terracon |
|---|---|
| 402126 -01 | SVP-1 |
| 402126 -02 | SVP-2 |

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

The TO-15 calibration standard exceeded the acceptance criteria for several analytes. These analytes were not detected in the samples, therefore the data were reported and qualified with a "k" qualifier.

The TO-15 acrolein duplicate precision failed the acceptance criteria. Acrolein was not detected in the samples, therefore the data were reported.

The propene results in samples SVP-1 and SVP-2 exceeded the instrument calibration range. The data were flagged accordingly.

All other quality control requirements were acceptable.

## Analysis For Volatile Compounds By Method MA-APH

| | | | |
|---|---|---|---|
| Client Sample ID: | SVP-1 | Client: | Terracon |
| Date Received: | 02/08/24 | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/07/24 | Lab ID: | 402126-01 1/8.1 |
| Date Analyzed: | 02/16/24 | Data File: | 021528.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

| Surrogates: | % Recovery: | Lower Limit: | Upper Limit: |
|---|---|---|---|
| 4-Bromofluorobenzene | 91 | 70 | 130 |

| Compounds: | Concentration ug/m3 |
|---|---|
| APH EC5-8 aliphatics | 2,100 |
| APH EC9-12 aliphatics | <200 |
| APH EC9-10 aromatics | <200 |

## Analysis For Volatile Compounds By Method MA-APH

| | | | |
|---|---|---|---|
| Client Sample ID: | SVP-2 | Client: | Terracon |
| Date Received: | 02/08/24 | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/07/24 | Lab ID: | 402126-02 1/8.4 |
| Date Analyzed: | 02/16/24 | Data File: | 021529.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

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

| Compounds: | Concentration ug/m3 |
|---|---|
| APH EC5-8 aliphatics | 1,300 |
| APH EC9-12 aliphatics | <210 |
| APH EC9-10 aromatics | <210 |

## Analysis For Volatile Compounds By Method MA-APH

| | | | |
|---|---|---|---|
| Client Sample ID: | Method Blank | Client: | Terracon |
| Date Received: | Not Applicable | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/15/24 | Lab ID: | 04-0319 MB |
| Date Analyzed: | 02/15/24 | Data File: | 021511.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

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

| Compounds: | Concentration ug/m3 |
|---|---|
| APH EC5-8 aliphatics | <75 |
| APH EC9-12 aliphatics | <25 |
| APH EC9-10 aromatics | <25 |

## Analysis For Volatile Compounds By Method TO-15

| | | | |
|---|---|---|---|
| Client Sample ID: | SVP-1 | Client: | Terracon |
| Date Received: | 02/08/24 | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/07/24 | Lab ID: | 402126-01 1/8.1 |
| Date Analyzed: | 02/16/24 | Data File: | 021528.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

| Surrogates: | % Recovery: | Lower Limit: | Upper Limit: |
|---|---|---|---|
| 4-Bromofluorobenzene | 95 | 70 | 130 |

| Compounds: | Concentration ug/m3 | Concentration ppbv | Compounds: | Concentration ug/m3 | Concentration ppbv |
|---|---|---|---|---|---|
| Propene | 750 ve | 430 ve | 1,2-Dichloropropane | <1.9 | <0.4 |
| Dichlorodifluoromethane | <8 | <1.6 | 1,4-Dioxane | <2.9 | <0.81 |
| Chloromethane | <30 | <15 | 2,2,4-Trimethylpentane | <38 | <8.1 |
| F-114 | <17 | <2.4 | Methyl methacrylate | <33 | <8.1 |
| Vinyl chloride | <2.1 | <0.81 | Heptane | <33 | <8.1 |
| 1,3-Butadiene | <0.36 | <0.16 | Bromodichloromethane | <0.54 | <0.081 |
| Butane | 180 | 76 | Trichloroethene | <0.87 | <0.16 |
| Bromomethane | <31 | <8.1 | cis-1,3-Dichloropropene | <7.4 | <1.6 |
| Chloroethane | <21 | <8.1 | 4-Methyl-2-pentanone | <66 | <16 |
| Vinyl bromide | <3.5 | <0.81 | trans-1,3-Dichloropropene | <3.7 | <0.81 |
| Ethanol | <61 k | <32 k | Toluene | <61 | <16 |
| Acrolein | <0.93 k | <0.4 k | 1,1,2-Trichloroethane | <0.44 | <0.081 |
| Pentane | 79 | 27 | 2-Hexanone | <33 | <8.1 |
| Trichlorofluoromethane | <18 | <3.2 | Tetrachloroethene | <55 | <8.1 |
| Acetone | 57 | 24 | Dibromochloromethane | <0.69 | <0.081 |
| 2-Propanol | <70 | <28 | 1,2-Dibromoethane (EDB) | <0.62 | <0.081 |
| 1,1-Dichloroethene | <3.2 | <0.81 | Chlorobenzene | <3.7 | <0.81 |
| trans-1,2-Dichloroethene | <3.2 | <0.81 | Ethylbenzene | <3.5 | <0.81 |
| Methylene chloride | <280 | <81 | 1,1,2,2-Tetrachloroethane | <1.1 | <0.16 |
| t-Butyl alcohol (TBA) | <98 | <32 | Nonane | <42 | <8.1 |
| 3-Chloropropene | <25 | <8.1 | Isopropylbenzene | <80 | <16 |
| CFC-113 | <12 | <1.6 | 2-Chlorotoluene | <42 | <8.1 |
| Carbon disulfide | <50 | <16 | Propylbenzene | <40 | <8.1 |
| Methyl t-butyl ether (MTBE) | <58 | <16 | 4-Ethyltoluene | <40 | <8.1 |
| Vinyl acetate | <57 k | <16 k | m,p-Xylene | <7 | <1.6 |
| 1,1-Dichloroethane | <3.3 | <0.81 | o-Xylene | <3.5 | <0.81 |
| cis-1,2-Dichloroethene | <3.2 | <0.81 | Styrene | <6.9 | <1.6 |
| Hexane | <29 | <8.1 | Bromoform | <17 | <1.6 |
| Chloroform | <0.4 | <0.081 | Benzyl chloride | <0.42 k | <0.081 k |
| Ethyl acetate | <58 | <16 | 1,3,5-Trimethylbenzene | <40 | <8.1 |
| Tetrahydrofuran | <4.8 | <1.6 | 1,2,4-Trimethylbenzene | <40 | <8.1 |
| 2-Butanone (MEK) | <48 | <16 | 1,3-Dichlorobenzene | <4.9 | <0.81 |
| 1,2-Dichloroethane (EDC) | <0.33 | <0.081 | 1,4-Dichlorobenzene | <1.9 | <0.31 |
| 1,1,1-Trichloroethane | <4.4 | <0.81 | 1,2-Dichlorobenzene | <4.9 | <0.81 |
| Carbon tetrachloride | <2.5 | <0.4 | 1,2,4-Trichlorobenzene | <6 | <0.81 |
| Benzene | 9.8 | 3.1 | Naphthalene | <2.1 | <0.4 |
| Cyclohexane | <56 | <16 | Hexachlorobutadiene | <1.7 | <0.16 |

## Analysis For Volatile Compounds By Method TO-15

| | | | |
|---|---|---|---|
| Client Sample ID: | SVP-2 | Client: | Terracon |
| Date Received: | 02/08/24 | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/07/24 | Lab ID: | 402126-02 1/8.4 |
| Date Analyzed: | 02/16/24 | Data File: | 021529.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

| Surrogates: | % Recovery: | Lower Limit: | Upper Limit: |
|---|---|---|---|
| 4-Bromofluorobenzene | 92 | 70 | 130 |

| Compounds: | Concentration ug/m3 | ppbv | Compounds: | Concentration ug/m3 | ppbv |
|---|---|---|---|---|---|
| Propene | 310 ve | 180 ve | 1,2-Dichloropropane | <1.9 | <0.42 |
| Dichlorodifluoromethane | <8.3 | <1.7 | 1,4-Dioxane | <3 | <0.84 |
| Chloromethane | <31 | <15 | 2,2,4-Trimethylpentane | <39 | <8.4 |
| F-114 | <18 | <2.5 | Methyl methacrylate | <34 | <8.4 |
| Vinyl chloride | <2.1 | <0.84 | Heptane | <34 | <8.4 |
| 1,3-Butadiene | 39 | 17 | Bromodichloromethane | <0.56 | <0.084 |
| Butane | 67 | 28 | Trichloroethene | <0.9 | <0.17 |
| Bromomethane | <33 | <8.4 | cis-1,3-Dichloropropene | <7.6 | <1.7 |
| Chloroethane | <22 | <8.4 | 4-Methyl-2-pentanone | <69 | <17 |
| Vinyl bromide | <3.7 | <0.84 | trans-1,3-Dichloropropene | <3.8 | <0.84 |
| Ethanol | <63 k | <34 k | Toluene | <63 | <17 |
| Acrolein | <0.96 k | <0.42 k | 1,1,2-Trichloroethane | <0.46 | <0.084 |
| Pentane | <50 | <17 | 2-Hexanone | <34 | <8.4 |
| Trichlorofluoromethane | <19 | <3.4 | Tetrachloroethene | <57 | <8.4 |
| Acetone | <40 | <17 | Dibromochloromethane | <0.72 | <0.084 |
| 2-Propanol | <72 | <29 | 1,2-Dibromoethane (EDB) | <0.65 | <0.084 |
| 1,1-Dichloroethene | <3.3 | <0.84 | Chlorobenzene | <3.9 | <0.84 |
| trans-1,2-Dichloroethene | <3.3 | <0.84 | Ethylbenzene | <3.6 | <0.84 |
| Methylene chloride | <290 | <84 | 1,1,2,2-Tetrachloroethane | <1.2 | <0.17 |
| t-Butyl alcohol (TBA) | <100 | <34 | Nonane | <44 | <8.4 |
| 3-Chloropropene | <26 | <8.4 | Isopropylbenzene | <83 | <17 |
| CFC-113 | <13 | <1.7 | 2-Chlorotoluene | <43 | <8.4 |
| Carbon disulfide | <52 | <17 | Propylbenzene | <41 | <8.4 |
| Methyl t-butyl ether (MTBE) | <61 | <17 | 4-Ethyltoluene | <41 | <8.4 |
| Vinyl acetate | <59 k | <17 k | m,p-Xylene | <7.3 | <1.7 |
| 1,1-Dichloroethane | <3.4 | <0.84 | o-Xylene | <3.6 | <0.84 |
| cis-1,2-Dichloroethene | <3.3 | <0.84 | Styrene | <7.2 | <1.7 |
| Hexane | <30 | <8.4 | Bromoform | <17 | <1.7 |
| Chloroform | <0.41 | <0.084 | Benzyl chloride | <0.43 k | <0.084 k |
| Ethyl acetate | <61 | <17 | 1,3,5-Trimethylbenzene | <41 | <8.4 |
| Tetrahydrofuran | <5 | <1.7 | 1,2,4-Trimethylbenzene | <41 | <8.4 |
| 2-Butanone (MEK) | <50 | <17 | 1,3-Dichlorobenzene | <5.1 | <0.84 |
| 1,2-Dichloroethane (EDC) | <0.34 | <0.084 | 1,4-Dichlorobenzene | <1.9 | <0.32 |
| 1,1,1-Trichloroethane | <4.6 | <0.84 | 1,2-Dichlorobenzene | <5.1 | <0.84 |
| Carbon tetrachloride | <2.6 | <0.42 | 1,2,4-Trichlorobenzene | <6.2 | <0.84 |
| Benzene | 5.4 | 1.7 | Naphthalene | <2.2 | <0.42 |
| Cyclohexane | <58 | <17 | Hexachlorobutadiene | <1.8 | <0.17 |

## Analysis For Volatile Compounds By Method TO-15

| | | | |
|---|---|---|---|
| Client Sample ID: | Method Blank | Client: | Terracon |
| Date Received: | Not Applicable | Project: | Raising Cane's #C1112 81237489 |
| Date Collected: | 02/15/24 | Lab ID: | 04-0319 MB |
| Date Analyzed: | 02/15/24 | Data File: | 021511.D |
| Matrix: | Air | Instrument: | GCMS7 |
| Units: | ug/m3 | Operator: | bat |

| Surrogates: | % Recovery: | Lower Limit: | Upper Limit: |
|---|---|---|---|
| 4-Bromofluorobenzene | 94 | 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 | <0.99 | <0.2 | 1,4-Dioxane | <0.36 | <0.1 |
| Chloromethane | <3.7 | <1.8 | 2,2,4-Trimethylpentane | <4.7 | <1 |
| F-114 | <2.1 | <0.3 | 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 | <3.9 | <1 | cis-1,3-Dichloropropene | <0.91 | <0.2 |
| Chloroethane | <2.6 | <1 | 4-Methyl-2-pentanone | <8.2 | <2 |
| Vinyl bromide | <0.44 | <0.1 | trans-1,3-Dichloropropene | <0.45 | <0.1 |
| Ethanol | <7.5 k | <4 k | Toluene | <7.5 | <2 |
| Acrolein | <0.11 k | <0.05 k | 1,1,2-Trichloroethane | <0.055 | <0.01 |
| Pentane | <5.9 | <2 | 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 | <3.1 | <1 | Isopropylbenzene | <9.8 | <2 |
| CFC-113 | <1.5 | <0.2 | 2-Chlorotoluene | <5.2 | <1 |
| Carbon disulfide | <6.2 | <2 | Propylbenzene | <4.9 | <1 |
| Methyl t-butyl ether (MTBE) | <7.2 | <2 | 4-Ethyltoluene | <4.9 | <1 |
| Vinyl acetate | <7 k | <2 k | 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 k | <0.01 k |
| Ethyl acetate | <7.2 | <2 | 1,3,5-Trimethylbenzene | <4.9 | <1 |
| Tetrahydrofuran | <0.59 | <0.2 | 1,2,4-Trimethylbenzene | <4.9 | <1 |
| 2-Butanone (MEK) | <5.9 | <2 | 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: 02/22/24
Date Received: 02/08/24
Project: Raising Cane's #C1112 81237489, F&BI 402126

## QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD MA-APH

Laboratory Code: 402202-01 1/5.3 (Duplicate)

| Analyte | Reporting Units | Sample Result | Duplicate Result | RPD (Limit 30) |
|---|---|---|---|---|
| APH EC5-8 aliphatics | ug/m3 | 430 | <400 | nm |
| APH EC9-12 aliphatics | ug/m3 | 510 | 560 | 9 |
| APH EC9-10 aromatics | ug/m3 | <130 | <130 | nm |

Laboratory Code: Laboratory Control Sample

| Analyte | Reporting Units | Spike Level | Percent Recovery LCS | Acceptance Criteria |
|---|---|---|---|---|
| APH EC5-8 aliphatics | ug/m3 | 67 | 83 | 70-130 |
| APH EC9-12 aliphatics | ug/m3 | 67 | 105 | 70-130 |
| APH EC9-10 aromatics | ug/m3 | 67 | 88 | 70-130 |

Date of Report: 02/22/24
Date Received: 02/08/24
Project: Raising Cane's #C1112 81237489, F&BI 402126

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

Laboratory Code: 402202-01 1/5.3 (Duplicate)

| Analyte | Reporting Units | Sample Result | Duplicate Result | RPD (Limit 30) |
|---|---|---|---|---|
| Propene | ug/m3 | <6.4 | <6.4 | nm |
| Dichlorodifluoromethane | ug/m3 | <5.2 | <5.2 | nm |
| Chloromethane | ug/m3 | <20 | <20 | nm |
| F-114 | ug/m3 | <11 | <11 | nm |
| Vinyl chloride | ug/m3 | <1.4 | <1.4 | nm |
| 1,3-Butadiene | ug/m3 | <0.23 | <0.23 | nm |
| Butane | ug/m3 | <25 | <25 | nm |
| Bromomethane | ug/m3 | <21 | <21 | nm |
| Chloroethane | ug/m3 | <14 | <14 | nm |
| Vinyl bromide | ug/m3 | <2.3 | <2.3 | nm |
| Ethanol | ug/m3 | <40 | <40 | nm |
| Acrolein | ug/m3 | 1.3 | 0.75 | 54 vo |
| Pentane | ug/m3 | <31 | <31 | nm |
| Trichlorofluoromethane | ug/m3 | <12 | <12 | nm |
| Acetone | ug/m3 | <25 | <25 | nm |
| 2-Propanol | ug/m3 | 3,100 | 3,200 | 3 |
| 1,1-Dichloroethene | ug/m3 | <2.1 | <2.1 | nm |
| trans-1,2-Dichloroethene | ug/m3 | <2.1 | <2.1 | nm |
| Methylene chloride | ug/m3 | <180 | <180 | nm |
| t-Butyl alcohol (TBA) | ug/m3 | <64 | <64 | nm |
| 3-Chloropropene | ug/m3 | <17 | <17 | nm |
| CFC-113 | ug/m3 | <8.1 | <8.1 | nm |
| Carbon disulfide | ug/m3 | <33 | <33 | nm |
| Methyl t-butyl ether (MTBE) | ug/m3 | <38 | <38 | nm |
| Vinyl acetate | ug/m3 | <37 | <37 | nm |
| 1,1-Dichloroethane | ug/m3 | <2.1 | <2.1 | nm |
| cis-1,2-Dichloroethene | ug/m3 | <2.1 | <2.1 | nm |
| Hexane | ug/m3 | <19 | <19 | nm |
| Chloroform | ug/m3 | 1.9 | 2.0 | 5 |
| Ethyl acetate | ug/m3 | <38 | <38 | nm |
| Tetrahydrofuran | ug/m3 | <3.1 | <3.1 | nm |
| 2-Butanone (MEK) | ug/m3 | <31 | <31 | nm |
| 1,2-Dichloroethane (EDC) | ug/m3 | <0.21 | <0.21 | nm |
| 1,1,1-Trichloroethane | ug/m3 | <2.9 | <2.9 | nm |
| Carbon tetrachloride | ug/m3 | <1.7 | <1.7 | nm |
| Benzene | ug/m3 | <1.7 | <1.7 | nm |
| Cyclohexane | ug/m3 | 160 | 170 | 6 |
| 1,2-Dichloropropane | ug/m3 | <1.2 | <1.2 | nm |
| 1,4-Dioxane | ug/m3 | <1.9 | <1.9 | nm |
| 2,2,4-Trimethylpentane | ug/m3 | <25 | <25 | nm |

Date of Report: 02/22/24
Date Received: 02/08/24
Project: Raising Cane's #C1112 81237489, F&BI 402126

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

Laboratory Code: 402202-01 1/5.3 (Duplicate)

| Analyte | Reporting Units | Sample Result | Duplicate Result | RPD (Limit 30) |
|---|---|---|---|---|
| Methyl methacrylate | ug/m3 | <22 | <22 | nm |
| Heptane | ug/m3 | <22 | <22 | nm |
| Bromodichloromethane | ug/m3 | 0.60 | 0.64 | 6 |
| Trichloroethene | ug/m3 | <0.57 | <0.57 | nm |
| cis-1,3-Dichloropropene | ug/m3 | <4.8 | <4.8 | nm |
| 4-Methyl-2-pentanone | ug/m3 | <43 | <43 | nm |
| trans-1,3-Dichloropropene | ug/m3 | <2.4 | <2.4 | nm |
| Toluene | ug/m3 | <40 | <40 | nm |
| 1,1,2-Trichloroethane | ug/m3 | <0.29 | <0.29 | nm |
| 2-Hexanone | ug/m3 | <22 | <22 | nm |
| Tetrachloroethene | ug/m3 | <36 | <36 | nm |
| Dibromochloromethane | ug/m3 | <0.45 | <0.45 | nm |
| 1,2-Dibromoethane (EDB) | ug/m3 | <0.41 | <0.41 | nm |
| Chlorobenzene | ug/m3 | <2.4 | <2.4 | nm |
| Ethylbenzene | ug/m3 | 3.4 | 3.6 | 6 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <0.73 | <0.73 | nm |
| Nonane | ug/m3 | <28 | 28 | nm |
| Isopropylbenzene | ug/m3 | <52 | <52 | nm |
| 2-Chlorotoluene | ug/m3 | <27 | <27 | nm |
| Propylbenzene | ug/m3 | <26 | <26 | nm |
| 4-Ethyltoluene | ug/m3 | <26 | <26 | nm |
| m,p-Xylene | ug/m3 | 9.3 | 9.7 | 4 |
| o-Xylene | ug/m3 | 7.1 | 7.3 | 3 |
| Styrene | ug/m3 | <4.5 | <4.5 | nm |
| Bromoform | ug/m3 | <11 | <11 | nm |
| Benzyl chloride | ug/m3 | <0.27 | <0.27 | nm |
| 1,3,5-Trimethylbenzene | ug/m3 | <26 | <26 | nm |
| 1,2,4-Trimethylbenzene | ug/m3 | <26 | <26 | nm |
| 1,3-Dichlorobenzene | ug/m3 | <3.2 | <3.2 | nm |
| 1,4-Dichlorobenzene | ug/m3 | <1.2 | <1.2 | nm |
| 1,2-Dichlorobenzene | ug/m3 | <3.2 | <3.2 | nm |
| 1,2,4-Trichlorobenzene | ug/m3 | <3.9 | <3.9 | nm |
| Naphthalene | ug/m3 | <1.4 | <1.4 | nm |
| Hexachlorobutadiene | ug/m3 | <1.1 | <1.1 | nm |

Date of Report: 02/22/24
Date Received: 02/08/24
Project: Raising Cane's #C1112 81237489, F&BI 402126

## 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 | 96 | 70-130 |
| Dichlorodifluoromethane | ug/m3 | 67 | 119 | 70-130 |
| Chloromethane | ug/m3 | 28 | 113 | 70-130 |
| F-114 | ug/m3 | 94 | 123 | 70-130 |
| Vinyl chloride | ug/m3 | 35 | 113 | 70-130 |
| 1,3-Butadiene | ug/m3 | 30 | 97 | 70-130 |
| Butane | ug/m3 | 32 | 107 | 70-130 |
| Bromomethane | ug/m3 | 52 | 119 | 70-130 |
| Chloroethane | ug/m3 | 36 | 112 | 70-130 |
| Vinyl bromide | ug/m3 | 59 | 122 | 70-130 |
| Ethanol | ug/m3 | 25 | 95 | 70-130 |
| Acrolein | ug/m3 | 31 | 105 | 70-130 |
| Pentane | ug/m3 | 40 | 100 | 70-130 |
| Trichlorofluoromethane | ug/m3 | 76 | 125 | 70-130 |
| Acetone | ug/m3 | 32 | 115 | 70-130 |
| 2-Propanol | ug/m3 | 33 | 103 | 70-130 |
| 1,1-Dichloroethene | ug/m3 | 54 | 111 | 70-130 |
| trans-1,2-Dichloroethene | ug/m3 | 54 | 105 | 70-130 |
| Methylene chloride | ug/m3 | 94 | 117 | 70-130 |
| t-Butyl alcohol (TBA) | ug/m3 | 41 | 110 | 70-130 |
| 3-Chloropropene | ug/m3 | 42 | 95 | 70-130 |
| CFC-113 | ug/m3 | 100 | 118 | 70-130 |
| Carbon disulfide | ug/m3 | 42 | 110 | 70-130 |
| Methyl t-butyl ether (MTBE) | ug/m3 | 49 | 101 | 70-130 |
| Vinyl acetate | ug/m3 | 48 | 81 | 70-130 |
| 1,1-Dichloroethane | ug/m3 | 55 | 112 | 70-130 |
| cis-1,2-Dichloroethene | ug/m3 | 54 | 104 | 70-130 |
| Hexane | ug/m3 | 48 | 92 | 70-130 |
| Chloroform | ug/m3 | 66 | 114 | 70-130 |
| Ethyl acetate | ug/m3 | 49 | 105 | 70-130 |
| Tetrahydrofuran | ug/m3 | 40 | 102 | 70-130 |
| 2-Butanone (MEK) | ug/m3 | 40 | 104 | 70-130 |
| 1,2-Dichloroethane (EDC) | ug/m3 | 55 | 113 | 70-130 |
| 1,1,1-Trichloroethane | ug/m3 | 74 | 115 | 70-130 |
| Carbon tetrachloride | ug/m3 | 85 | 120 | 70-130 |
| Benzene | ug/m3 | 43 | 100 | 70-130 |
| Cyclohexane | ug/m3 | 46 | 91 | 70-130 |
| 1,2-Dichloropropane | ug/m3 | 62 | 118 | 70-130 |
| 1,4-Dioxane | ug/m3 | 49 | 110 | 70-130 |
| 2,2,4-Trimethylpentane | ug/m3 | 63 | 107 | 70-130 |

Date of Report: 02/22/24
Date Received: 02/08/24
Project: Raising Cane's #C1112 81237489, F&BI 402126

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

Laboratory Code: 402202-01 1/5.3 (Duplicate)

| Analyte | Reporting Units | Spike Level | Percent Recovery LCS | Acceptance Criteria |
|---|---|---|---|---|
| Methyl methacrylate | ug/m3 | 55 | 109 | 70-130 |
| Heptane | ug/m3 | 55 | 104 | 70-130 |
| Bromodichloromethane | ug/m3 | 90 | 125 | 70-130 |
| Trichloroethene | ug/m3 | 73 | 120 | 70-130 |
| cis-1,3-Dichloropropene | ug/m3 | 61 | 113 | 70-130 |
| 4-Methyl-2-pentanone | ug/m3 | 55 | 124 | 70-130 |
| trans-1,3-Dichloropropene | ug/m3 | 61 | 110 | 70-130 |
| Toluene | ug/m3 | 51 | 105 | 70-130 |
| 1,1,2-Trichloroethane | ug/m3 | 74 | 127 | 70-130 |
| 2-Hexanone | ug/m3 | 55 | 112 | 70-130 |
| Tetrachloroethene | ug/m3 | 92 | 124 | 70-130 |
| Dibromochloromethane | ug/m3 | 120 | 127 | 70-130 |
| 1,2-Dibromoethane (EDB) | ug/m3 | 100 | 119 | 70-130 |
| Chlorobenzene | ug/m3 | 62 | 119 | 70-130 |
| Ethylbenzene | ug/m3 | 59 | 102 | 70-130 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | 93 | 123 | 70-130 |
| Nonane | ug/m3 | 71 | 114 | 70-130 |
| Isopropylbenzene | ug/m3 | 66 | 113 | 70-130 |
| 2-Chlorotoluene | ug/m3 | 70 | 117 | 70-130 |
| Propylbenzene | ug/m3 | 66 | 115 | 70-130 |
| 4-Ethyltoluene | ug/m3 | 66 | 107 | 70-130 |
| m,p-Xylene | ug/m3 | 120 | 107 | 70-130 |
| o-Xylene | ug/m3 | 59 | 110 | 70-130 |
| Styrene | ug/m3 | 58 | 105 | 70-130 |
| Bromoform | ug/m3 | 140 | 127 | 70-130 |
| Benzyl chloride | ug/m3 | 70 | 120 | 70-130 |
| 1,3,5-Trimethylbenzene | ug/m3 | 66 | 114 | 70-130 |
| 1,2,4-Trimethylbenzene | ug/m3 | 66 | 105 | 70-130 |
| 1,3-Dichlorobenzene | ug/m3 | 81 | 124 | 70-130 |
| 1,4-Dichlorobenzene | ug/m3 | 81 | 121 | 70-130 |
| 1,2-Dichlorobenzene | ug/m3 | 81 | 124 | 70-130 |
| 1,2,4-Trichlorobenzene | ug/m3 | 100 | 98 | 70-130 |
| Naphthalene | ug/m3 | 71 | 87 | 70-130 |
| Hexachlorobutadiene | ug/m3 | 140 | 121 | 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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

402126

# SAMPLE CHAIN OF CUSTODY

02/08/24

Report To Sydney Pazera
Company Terracon Consultants
Address 21905 64th Ave W Ste 100
City, State, ZIP Mountlake Terrace, WA 98043
Phone 425-771-3304 Email sydney.pazera@terracon.com

SAMPLERS (signature)

PROJECT NAME & ADDRESS: Raising Canes #C1112, 250 Rainier Ave S, Renton, WA

PO # 81237489

NOTES: c.c. keegan.alderink@terracon.com

INVOICE TO

Page # 1 of 1

TURNAROUND TIME
Standard (RUSH)
Rush charges authorized by:

SAMPLE DISPOSAL
Default: Clean following final report delivery
Hold (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 | IPA | Notes |
| SVP-1 | 01 | 2432 | 72 | IA / (SG) | 2/7/24 | 29 | 1030 | 6 | 1035 | X | | | X | | X | PID 0.0 |
| SVP-2 | 02 | 4183 | 64 | IA / (SG) | 2/7/24 | 28 | 1005 | 6 | 1010 | X | | | X | | X | PID 0.0 |
| | | | | IA / SG | | | | | | | | | | | | |
| | | | | IA / SG | | | | | | | | | | | | |
| | | | | IA / SG | | | | | | | Samples received at 20 °C | | | | | |
| | | | | IA / SG | | | | | | | | | | | | |
| | | | | IA / SG | | | | | | | | | | | | |
| | | | | IA / SG | | | | | | | | | | | | |

| SIGNATURE | PRINT NAME | COMPANY | DATE | TIME |
|---|---|---|---|---|
| Relinquished by: | | | | |
| Received by: Hong Ng | HONG NGUYEN | FBI | 2/8/24 | 16:00 |
| Relinquished by: | | | | |
| Received by: | | | | |

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

March 4, 2024

Ms. Sydney Pazera
Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

Dear Ms. Pazera,

On February 29th, 1 sample was received by our laboratory and assigned our laboratory project number EV24030004. The project was identified as your Raising Cane's #C1112 Renton. The sample identification and requested analyses are outlined on the attached chain of custody record.

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

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

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



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: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 3/4/2024<br>EV24030004<br>EV24030004-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/29/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | COLLECTION DATE: | 2/29/2024 9:50:00 AM |
| CLIENT SAMPLE ID | B6-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | 3.0 | 1 | MG/KG | 03/01/2024 | MNC |
| TPH-Diesel Range | NWTPH-DX | U | 25 | 1 | MG/KG | 02/29/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | 50 | 1 | MG/KG | 02/29/2024 | DHM |
| Dichlorodifluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Chloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Bromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Chloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Acetone | EPA-8260 | **0.068 RP03** | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | 0.020 | 1 | MG/KG | 03/01/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 2-Butanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Chloroform | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Benzene | EPA-8260 | U | 0.0050 | 1 | MG/KG | 03/01/2024 | DLC |
| Trichloroethene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Dibromomethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| Toluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | 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: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 3/4/2024<br>EV24030004<br>EV24030004-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/29/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | COLLECTION DATE: | 2/29/2024 9:50:00 AM |
| CLIENT SAMPLE ID | B6-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| ANALYTE | METHOD | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|
| Tetrachloroethylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | 0.0050 | 1 | MG/KG | 03/01/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | 0.020 | 1 | MG/KG | 03/01/2024 | DLC |
| Styrene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| o-Xylene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Bromoform | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Bromobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | 0.050 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Naphthalene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | 0.010 | 1 | MG/KG | 03/01/2024 | DLC |
| Mercury | EPA-7471 | **0.072** | 0.020 | 1 | MG/KG | 03/01/2024 | RAL |
| Arsenic | EPA-6020 | **2.3** | 0.20 | 1 | MG/KG | 03/01/2024 | RAL |
| Cadmium | EPA-6020 | U | 0.10 | 1 | MG/KG | 03/01/2024 | RAL |
| Chromium | EPA-6020 | **37** | 0.20 | 1 | MG/KG | 03/01/2024 | RAL |
| Lead | EPA-6020 | **2.7** | 0.10 | 1 | MG/KG | 03/01/2024 | RAL |

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE:<br>ALS JOB#:<br>ALS SAMPLE#: | 3/4/2024<br>EV24030004<br>EV24030004-01 |
| CLIENT CONTACT: | Sydney Pazera | DATE RECEIVED: | 02/29/2024 |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | COLLECTION DATE: | 2/29/2024 9:50:00 AM |
| CLIENT SAMPLE ID | B6-9 | WDOE ACCREDITATION: | C601 |

## SAMPLE DATA RESULTS

| SURROGATE | METHOD | %REC | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|
| TFT | NWTPH-GX | **89.4** | 03/01/2024 | MNC |
| C25 | NWTPH-DX | **93.8** | 02/29/2024 | DHM |
| 1,2-Dichloroethane-d4 | EPA-8260 | **101** | 03/01/2024 | DLC |
| Toluene-d8 | EPA-8260 | **94.8** | 03/01/2024 | DLC |
| 4-Bromofluorobenzene | EPA-8260 | **102** | 03/01/2024 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.
RP03 -The quantitiation for this analyte exceeds the upper limit of the calibration and should be considered an estimation.



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043
CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112 Renton

DATE: 3/4/2024
ALS SDG#: EV24030004
WDOE ACCREDITATION: C601

## LABORATORY BLANK RESULTS

### MBG-022924S - Batch 208219 - Soil by NWTPH-GX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Volatile Range | NWTPH-GX | U | MG/KG | 3.0 | 03/01/2024 | MNC |

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

### MB-022924S - Batch 208204 - Soil by NWTPH-DX

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| TPH-Diesel Range | NWTPH-DX | U | MG/KG | 25 | 02/29/2024 | DHM |
| TPH-Oil Range | NWTPH-DX | U | MG/KG | 50 | 02/29/2024 | DHM |

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

### MB-030124S2 - Batch 208327 - Soil by EPA-8260

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Chloromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Vinyl Chloride | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Bromomethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Chloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Carbon Tetrachloride | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Trichlorofluoromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Carbon Disulfide | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Acetone | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| 1,1-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Methylene Chloride | EPA-8260 | U | MG/KG | 0.020 | 03/01/2024 | DLC |
| Acrylonitrile | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| Methyl T-Butyl Ether | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Trans-1,2-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1-Dichloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 2-Butanone | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| Cis-1,2-Dichloroethene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 2,2-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Bromochloromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Chloroform | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1,1-Trichloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2-Dichloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Benzene | EPA-8260 | U | MG/KG | 0.0050 | 03/01/2024 | DLC |
| Trichloroethene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 3/4/2024 |
| | | ALS SDG#: | EV24030004 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | | |

## LABORATORY BLANK RESULTS

**MB-030124S2 - Batch 208327 - Soil by EPA-8260**

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Dibromomethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Bromodichloromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Trans-1,3-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 4-Methyl-2-Pentanone | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| Toluene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Cis-1,3-Dichloropropene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1,2-Trichloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 2-Hexanone | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| 1,3-Dichloropropane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Tetrachloroethylene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Dibromochloromethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2-Dibromoethane | EPA-8260 | U | MG/KG | 0.0050 | 03/01/2024 | DLC |
| Chlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1,1,2-Tetrachloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Ethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| m,p-Xylene | EPA-8260 | U | MG/KG | 0.020 | 03/01/2024 | DLC |
| Styrene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| o-Xylene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Bromoform | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Isopropylbenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,1,2,2-Tetrachloroethane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2,3-Trichloropropane | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Bromobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| N-Propyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 2-Chlorotoluene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,3,5-Trimethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 4-Chlorotoluene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| T-Butyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2,4-Trimethylbenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| S-Butyl Benzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| P-Isopropyltoluene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,3-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,4-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| N-Butylbenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2-Dichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | MG/KG | 0.050 | 03/01/2024 | DLC |
| 1,2,4-Trichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Hexachlorobutadiene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| Naphthalene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |
| 1,2,3-Trichlorobenzene | EPA-8260 | U | MG/KG | 0.010 | 03/01/2024 | DLC |



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## CERTIFICATE OF ANALYSIS

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|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 3/4/2024 |
| | | ALS SDG#: | EV24030004 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | | |

## LABORATORY BLANK RESULTS

### MB-030124S2 - Batch 208327 - Soil by EPA-8260

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

### MBLK-R460368 - Batch R460368 - Soil by EPA-7471

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Mercury | EPA-7471 | U | MG/KG | 0.020 | 03/01/2024 | RAL |

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

### MB-030124S - Batch 208240 - Soil by EPA-6020

| ANALYTE | METHOD | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|
| Arsenic | EPA-6020 | U | MG/KG | 0.20 | 03/01/2024 | RAL |
| Cadmium | EPA-6020 | U | MG/KG | 0.10 | 03/01/2024 | RAL |
| Chromium | EPA-6020 | U | MG/KG | 0.20 | 03/01/2024 | RAL |
| Lead | EPA-6020 | U | MG/KG | 0.10 | 03/01/2024 | RAL |

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



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## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043
CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112 Renton

DATE: 3/4/2024
ALS SDG#: EV24030004
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 208219 - Soil by NWTPH-GX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Volatile Range - BS | NWTPH-GX | **90.4** | | | 66.5 | 122.7 | 03/01/2024 | MNC |
| TPH-Volatile Range - BSD | NWTPH-GX | **92.7** | **2** | | 66.5 | 122.7 | 03/01/2024 | MNC |

### ALS Test Batch ID: 208204 - Soil by NWTPH-DX

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| TPH-Diesel Range - BS | NWTPH-DX | **109** | | | 75.5 | 122.1 | 02/29/2024 | DHM |
| TPH-Diesel Range - BSD | NWTPH-DX | **114** | **5** | | 75.5 | 122.1 | 02/29/2024 | DHM |

### ALS Test Batch ID: 208327 - Soil by EPA-8260

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane - BS | EPA-8260 | **96.7** | | | 50 | 150 | 03/01/2024 | DLC |
| Dichlorodifluoromethane - BSD | EPA-8260 | **105** | **9** | | 50 | 150 | 03/01/2024 | DLC |
| Chloromethane - BS | EPA-8260 | **105** | | | 50 | 150 | 03/01/2024 | DLC |
| Chloromethane - BSD | EPA-8260 | **113** | **8** | | 50 | 150 | 03/01/2024 | DLC |
| Vinyl Chloride - BS | EPA-8260 | **106** | | | 50 | 150 | 03/01/2024 | DLC |
| Vinyl Chloride - BSD | EPA-8260 | **114** | **7** | | 50 | 150 | 03/01/2024 | DLC |
| Bromomethane - BS | EPA-8260 | **102** | | | 50 | 150 | 03/01/2024 | DLC |
| Bromomethane - BSD | EPA-8260 | **108** | **6** | | 50 | 150 | 03/01/2024 | DLC |
| Chloroethane - BS | EPA-8260 | **102** | | | 50 | 150 | 03/01/2024 | DLC |
| Chloroethane - BSD | EPA-8260 | **108** | **6** | | 50 | 150 | 03/01/2024 | DLC |
| Carbon Tetrachloride - BS | EPA-8260 | **106** | | | 50 | 150 | 03/01/2024 | DLC |
| Carbon Tetrachloride - BSD | EPA-8260 | **112** | **6** | | 50 | 150 | 03/01/2024 | DLC |
| Trichlorofluoromethane - BS | EPA-8260 | **97.2** | | | 50 | 150 | 03/01/2024 | DLC |
| Trichlorofluoromethane - BSD | EPA-8260 | **104** | **7** | | 50 | 150 | 03/01/2024 | DLC |
| Carbon Disulfide - BS | EPA-8260 | **96.0** | | | 50 | 150 | 03/01/2024 | DLC |
| Carbon Disulfide - BSD | EPA-8260 | **102** | **6** | | 50 | 150 | 03/01/2024 | DLC |
| Acetone - BS | EPA-8260 | **103** | | | 50 | 150 | 03/01/2024 | DLC |
| Acetone - BSD | EPA-8260 | **113** | **9** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1-Dichloroethene - BS | EPA-8260 | **104** | | | 70 | 130 | 03/01/2024 | DLC |
| 1,1-Dichloroethene - BSD | EPA-8260 | **111** | **6** | | 70 | 130 | 03/01/2024 | DLC |
| Methylene Chloride - BS | EPA-8260 | **103** | | | 50 | 150 | 03/01/2024 | DLC |
| Methylene Chloride - BSD | EPA-8260 | **105** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| Acrylonitrile - BS | EPA-8260 | **104** | | | 50 | 150 | 03/01/2024 | DLC |
| Acrylonitrile - BSD | EPA-8260 | **111** | **7** | | 50 | 150 | 03/01/2024 | DLC |
| Methyl T-Butyl Ether - BS | EPA-8260 | **107** | | | 50 | 150 | 03/01/2024 | DLC |
| Methyl T-Butyl Ether - BSD | EPA-8260 | **107** | **0** | | 50 | 150 | 03/01/2024 | DLC |
| Trans-1,2-Dichloroethene - BS | EPA-8260 | **99.1** | | | 50 | 150 | 03/01/2024 | DLC |



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CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112 Renton

DATE: 3/4/2024
ALS SDG#: EV24030004
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Trans-1,2-Dichloroethene - BSD | EPA-8260 | **104** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1-Dichloroethane - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1-Dichloroethane - BSD | EPA-8260 | **105** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 2-Butanone - BS | EPA-8260 | **86.6** | | | 50 | 150 | 03/01/2024 | DLC |
| 2-Butanone - BSD | EPA-8260 | **91.2** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| Cis-1,2-Dichloroethene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| Cis-1,2-Dichloroethene - BSD | EPA-8260 | **104** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 2,2-Dichloropropane - BS | EPA-8260 | **98.2** | | | 50 | 150 | 03/01/2024 | DLC |
| 2,2-Dichloropropane - BSD | EPA-8260 | **103** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| Bromochloromethane - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| Bromochloromethane - BSD | EPA-8260 | **104** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| Chloroform - BS | EPA-8260 | **99.3** | | | 50 | 150 | 03/01/2024 | DLC |
| Chloroform - BSD | EPA-8260 | **104** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,1-Trichloroethane - BS | EPA-8260 | **103** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,1-Trichloroethane - BSD | EPA-8260 | **110** | **7** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1-Dichloropropene - BS | EPA-8260 | **104** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1-Dichloropropene - BSD | EPA-8260 | **109** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dichloroethane - BS | EPA-8260 | **99.0** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dichloroethane - BSD | EPA-8260 | **99.7** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| Benzene - BS | EPA-8260 | **99.0** | | | 75 | 138 | 03/01/2024 | DLC |
| Benzene - BSD | EPA-8260 | **102** | **3** | | 75 | 138 | 03/01/2024 | DLC |
| Trichloroethene - BS | EPA-8260 | **101** | | | 75 | 136 | 03/01/2024 | DLC |
| Trichloroethene - BSD | EPA-8260 | **105** | **4** | | 75 | 136 | 03/01/2024 | DLC |
| 1,2-Dichloropropane - BS | EPA-8260 | **105** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dichloropropane - BSD | EPA-8260 | **105** | **0** | | 50 | 150 | 03/01/2024 | DLC |
| Dibromomethane - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| Dibromomethane - BSD | EPA-8260 | **109** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| Bromodichloromethane - BS | EPA-8260 | **107** | | | 50 | 150 | 03/01/2024 | DLC |
| Bromodichloromethane - BSD | EPA-8260 | **108** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| Trans-1,3-Dichloropropene - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| Trans-1,3-Dichloropropene - BSD | EPA-8260 | **107** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 4-Methyl-2-Pentanone - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| 4-Methyl-2-Pentanone - BSD | EPA-8260 | **111** | **2** | | 50 | 150 | 03/01/2024 | DLC |
| Toluene - BS | EPA-8260 | **100** | | | 71.6 | 122.1 | 03/01/2024 | DLC |
| Toluene - BSD | EPA-8260 | **103** | **3** | | 71.6 | 122.1 | 03/01/2024 | DLC |
| Cis-1,3-Dichloropropene - BS | EPA-8260 | **107** | | | 50 | 150 | 03/01/2024 | DLC |
| Cis-1,3-Dichloropropene - BSD | EPA-8260 | **107** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,2-Trichloroethane - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,2-Trichloroethane - BSD | EPA-8260 | **107** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 2-Hexanone - BS | EPA-8260 | **111** | | | 50 | 150 | 03/01/2024 | DLC |



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DATE: 3/4/2024
ALS SDG#: EV24030004
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone - BSD | EPA-8260 | **113** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,3-Dichloropropane - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,3-Dichloropropane - BSD | EPA-8260 | **106** | **2** | | 50 | 150 | 03/01/2024 | DLC |
| Tetrachloroethylene - BS | EPA-8260 | **107** | | | 50 | 150 | 03/01/2024 | DLC |
| Tetrachloroethylene - BSD | EPA-8260 | **113** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| Dibromochloromethane - BS | EPA-8260 | **110** | | | 50 | 150 | 03/01/2024 | DLC |
| Dibromochloromethane - BSD | EPA-8260 | **109** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dibromoethane - BS | EPA-8260 | **111** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dibromoethane - BSD | EPA-8260 | **111** | **0** | | 50 | 150 | 03/01/2024 | DLC |
| Chlorobenzene - BS | EPA-8260 | **101** | | | 79 | 128 | 03/01/2024 | DLC |
| Chlorobenzene - BSD | EPA-8260 | **102** | **1** | | 79 | 128 | 03/01/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BS | EPA-8260 | **106** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,1,2-Tetrachloroethane - BSD | EPA-8260 | **106** | **0** | | 50 | 150 | 03/01/2024 | DLC |
| Ethylbenzene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| Ethylbenzene - BSD | EPA-8260 | **103** | **2** | | 50 | 150 | 03/01/2024 | DLC |
| m,p-Xylene - BS | EPA-8260 | **97.9** | | | 50 | 150 | 03/01/2024 | DLC |
| m,p-Xylene - BSD | EPA-8260 | **99.3** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| Styrene - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| Styrene - BSD | EPA-8260 | **109** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| o-Xylene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| o-Xylene - BSD | EPA-8260 | **102** | **2** | | 50 | 150 | 03/01/2024 | DLC |
| Bromoform - BS | EPA-8260 | **97.2** | | | 50 | 150 | 03/01/2024 | DLC |
| Bromoform - BSD | EPA-8260 | **97.0** | **0** | | 50 | 150 | 03/01/2024 | DLC |
| Isopropylbenzene - BS | EPA-8260 | **99.6** | | | 50 | 150 | 03/01/2024 | DLC |
| Isopropylbenzene - BSD | EPA-8260 | **102** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BS | EPA-8260 | **107** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,1,2,2-Tetrachloroethane - BSD | EPA-8260 | **110** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,3-Trichloropropane - BS | EPA-8260 | **105** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,3-Trichloropropane - BSD | EPA-8260 | **110** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| Bromobenzene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| Bromobenzene - BSD | EPA-8260 | **106** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| N-Propyl Benzene - BS | EPA-8260 | **97.6** | | | 50 | 150 | 03/01/2024 | DLC |
| N-Propyl Benzene - BSD | EPA-8260 | **102** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 2-Chlorotoluene - BS | EPA-8260 | **96.6** | | | 50 | 150 | 03/01/2024 | DLC |
| 2-Chlorotoluene - BSD | EPA-8260 | **101** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 1,3,5-Trimethylbenzene - BS | EPA-8260 | **98.2** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,3,5-Trimethylbenzene - BSD | EPA-8260 | **102** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| 4-Chlorotoluene - BS | EPA-8260 | **96.8** | | | 50 | 150 | 03/01/2024 | DLC |
| 4-Chlorotoluene - BSD | EPA-8260 | **101** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| T-Butyl Benzene - BS | EPA-8260 | **103** | | | 50 | 150 | 03/01/2024 | DLC |



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ALS Group USA, Corp dba ALS Environmental

ALS Environmental

## CERTIFICATE OF ANALYSIS

CLIENT: Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043
CLIENT CONTACT: Sydney Pazera
CLIENT PROJECT: Raising Cane's #C1112 Renton

DATE: 3/4/2024
ALS SDG#: EV24030004
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| T-Butyl Benzene - BSD | EPA-8260 | **108** | **5** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,4-Trimethylbenzene - BS | EPA-8260 | **97.4** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,4-Trimethylbenzene - BSD | EPA-8260 | **100** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| S-Butyl Benzene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| S-Butyl Benzene - BSD | EPA-8260 | **105** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| P-Isopropyltoluene - BS | EPA-8260 | **98.6** | | | 50 | 150 | 03/01/2024 | DLC |
| P-Isopropyltoluene - BSD | EPA-8260 | **102** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| 1,3-Dichlorobenzene - BS | EPA-8260 | **98.6** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,3-Dichlorobenzene - BSD | EPA-8260 | **99.9** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,4-Dichlorobenzene - BS | EPA-8260 | **96.6** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,4-Dichlorobenzene - BSD | EPA-8260 | **97.9** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| N-Butylbenzene - BS | EPA-8260 | **96.0** | | | 50 | 150 | 03/01/2024 | DLC |
| N-Butylbenzene - BSD | EPA-8260 | **99.3** | **3** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dichlorobenzene - BS | EPA-8260 | **102** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dichlorobenzene - BSD | EPA-8260 | **103** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BS | EPA-8260 | **94.5** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2-Dibromo 3-Chloropropane - BSD | EPA-8260 | **100** | **6** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,4-Trichlorobenzene - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,4-Trichlorobenzene - BSD | EPA-8260 | **103** | **4** | | 50 | 150 | 03/01/2024 | DLC |
| Hexachlorobutadiene - BS | EPA-8260 | **103** | | | 50 | 150 | 03/01/2024 | DLC |
| Hexachlorobutadiene - BSD | EPA-8260 | **104** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| Naphthalene - BS | EPA-8260 | **101** | | | 50 | 150 | 03/01/2024 | DLC |
| Naphthalene - BSD | EPA-8260 | **102** | **1** | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,3-Trichlorobenzene - BS | EPA-8260 | **108** | | | 50 | 150 | 03/01/2024 | DLC |
| 1,2,3-Trichlorobenzene - BSD | EPA-8260 | **109** | **1** | | 50 | 150 | 03/01/2024 | DLC |

### ALS Test Batch ID: R460368 - Soil by EPA-7471

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Mercury - BS | EPA-7471 | **116** | | | 81.8 | 117 | 03/01/2024 | RAL |
| Mercury - BSD | EPA-7471 | **115** | **1** | | 81.8 | 117 | 03/01/2024 | RAL |

### ALS Test Batch ID: 208240 - Soil by EPA-6020

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Arsenic - BS | EPA-6020 | **98.6** | | | 80 | 120 | 03/01/2024 | RAL |
| Arsenic - BSD | EPA-6020 | **97.1** | **2** | | 80 | 120 | 03/01/2024 | RAL |
| Cadmium - BS | EPA-6020 | **102** | | | 80 | 120 | 03/01/2024 | RAL |
| Cadmium - BSD | EPA-6020 | **99.9** | **2** | | 80 | 120 | 03/01/2024 | RAL |
| Chromium - BS | EPA-6020 | **101** | | | 80 | 120 | 03/01/2024 | RAL |



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ALS Group USA, Corp dba ALS Environmental

## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| CLIENT: | Terracon<br>21905 - 64th Ave W, Suite 100<br>Mountlake Terrace, WA 98043 | DATE: | 3/4/2024 |
| | | ALS SDG#: | EV24030004 |
| | | WDOE ACCREDITATION: | C601 |
| CLIENT CONTACT: | Sydney Pazera | | |
| CLIENT PROJECT: | Raising Cane's #C1112 Renton | | |

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND | METHOD | %REC | RPD | QUAL | LIMITS MIN | LIMITS MAX | ANALYSIS DATE | ANALYSIS BY |
|---|---|---|---|---|---|---|---|---|
| Chromium - BSD | EPA-6020 | **98.6** | **2** | | 80 | 120 | 03/01/2024 | RAL |
| Lead - BS | EPA-6020 | **91.9** | | | 80 | 120 | 03/01/2024 | RAL |
| Lead - BSD | EPA-6020 | **90.5** | **2** | | 80 | 120 | 03/01/2024 | RAL |

APPROVED BY

Rob Greer
Laboratory Director



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# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV24030004

Date 2/29/24 Page 1 Of 1

| | |
|---|---|
| PROJECT ID: | Raising Cane's #C1112 Renton |
| REPORT TO COMPANY: | Sky Terracon |
| PROJECT MANAGER: | Sydney Patera |
| ADDRESS: | 21905 64th Ave W, Ste 100 Mountlake Terrace WA 98043 |
| PHONE: | 425 771 3304 P.O. #: 61237489 task3 |
| E-MAIL: | sydney.patera@terracon.com |
| INVOICE TO COMPANY: | Terracon |
| ATTENTION: | |
| ADDRESS: | |

| 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. B6-9 | 2/29/24 | 0950 | SOIL | 1 | | X | X | | | | | | X | | | | | | | X | | | | | |
| 2. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: LKR, Terracon, 2/29/24,
   Received By: AFREESE, ALS, 02-29-24 @1415
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: rush 2 day TAT

*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: TetraCon ALS Job#: Ev24030004

Project: Raising Cane's #C1112 · Renton

Login Date: 2-29-24 Login Time: 14:15 Login By: MH

Type of Shipping Container: Cooler x Box ___ Other ___

Shipped via: FedEx Ground ___ UPS ___ Courier ___ Hand Delivered ___ ALS Courier x
FedEx Express ___

| | Yes | No | N/A |
|---|---|---|---|
| Were custody seals on outside of shipping container? If yes, how many? ___ Where? ___ Custody seal date: ___ Seal name: ___ | ___ | ___ | x |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | x | ___ | ___ |
| Did all bottles have labels? | x | ___ | ___ |
| Did all bottle labels and tags agree with Chain of Custody? | x | ___ | ___ |
| Were samples received within hold time? | x | ___ | ___ |
| Did all bottles arrive in good condition (unbroken, etc.)? | x | ___ | ___ |
| Was sufficient amount of sample sent for the tests indicated? | x | ___ | ___ |
| Was correct preservation added to samples? | x | ___ | ___ |
| Subcontract test containers added to Subcontract Bin? | ___ | ___ | x |
| Wetchem test containers marked with required Tests? | x | ___ | ___ |
| Short hold time test containers delivered to analysts? | ___ | ___ | x |
| Were VOA vials checked for absence of air bubbles? | ___ | ___ | x |
| Bubbles present in sample #: ___ | | | |
| 5035A kits received? # Low Kits: 1 # High Kits: ___ | x | ___ | ___ |
| 5035A kits returned? # Low Kits: ___ # High Kits: ___ | | | |
| Temperature of cooler upon receipt: 13.5°C On ice? | x | ___ | ___ |

Explain any discrepancies:

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

Outcome of call: