CORRECTIVE MEASURES IMPLEMENTATION REPORT

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

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Signed:

Rebecca Sundilson
Senior Scientist

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1.0 INTRODUCTION

Clow Valve Company (Clow), a Division of McWane, contracted EarthCon Consultants CA, Inc., a member of WSP, (EarthCon) to prepare this Corrective Measures Implementation Report (CMI Report) for the facility located on the northwest corner of the intersection of Magnolia Avenue and El Camino Avenue at 1375 Magnolia Avenue in Corona, California (Site; see Figure 1 and Figure 2). The CMI Report documents the Site activities that were conducted in accordance with the Department of Toxic Substances Control (DTSC) approved *Corrective Measures Implementation Workplan* (CMIWP) dated March 26, 2020 (EarthCon, 2020). The implementation of the CMIWP was conducted under the supervision of the DTSC and in accordance with the *Corrective Action Consent Agreement* between the DTSC and Clow [Docket No. SPRD 00/01SCC-4208, March 2002].

The following sections of the CMI Report include Site background, summary of previous investigations, implementation of the selected remedy, and discussion of future Site activities.

2.0 SITE BACKGROUND

2.1 Property Description

As mentioned previously, the Site is located to the northeast of the intersection of Magnolia Avenue and El Camino Avenue, at 1375 Magnolia Avenue in Corona, California. The Site is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is currently used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas[1] . Unused foundry buildings, small offices and open areas are leased to other tenants. In addition to Clow, three other McWane Divisions have recently had operations on the Site. As of the writing of this report, only the Anaco Division of McWane has current operations at the Site.

2.2 Operational History

Clow manufacturing processes included machining, testing, coating and shipping wet barrel fire hydrants. Finished valves were also stored and distributed from this location. Anaco, Clow Valve's sister company, continues operations on-Site and is engaged in the manufacturing of rubber soil pipe couplings. Two other McWane Divisions, McWane Ductile-Utah and Tyler Union, operated product distribution centers on the Site until recently.

The Site was originally developed for the production of iron pipes and connections by American Foundry in approximately 1950 (AESI, 2002). In 1960, Rich Manufacturing of Los Angeles acquired the property and moved their iron pipe manufacturing business to the Corona location, adding additional structures in 1967 for the machine shop and brass foundry (AESI, 2002). Clow Valve, a jobber of wrought iron pipe and other foundry products as early as 1878, acquired Rich Manufacturing Company of Corona in 1972. This acquisition added the wet barrel fire hydrant to Clow Valve's product line of waterworks products. In 1985, McWane, Inc. purchased all of Clow Corporation's stock and Clow became a wholly owned subsidiary and eventually operating division of McWane[2].

2.3 Site Geology and Hydrology

The geology and hydrogeology were identified in the report titled *Addendum to Preliminary Endangerment Assessment and Facility Investigation* (Environmental Support Technologies, July 24, 2003) and excerpts are provided below:

1 prior to completion of the activities discussed in this report, approximately 13% of the Site was unpaved including a small section along the northwest property boundary, AOC-1, AOC-5, and the product storage yard – See Figure 2.
2 http://www.clowvalve.com/about-us/company-history

Regional Geology

The Site is located in Riverside County within the Corona-Elsinore Trough, a graben-like-valley that extends from Corona to Elsinore. The Corona-Elsinore Trough is located within the Peninsular Ranges geomorphic province. The Santa Ana Mountains and the Elsinore Fault Zone bound the Corona-Elsinore Trough on the southwest. The Gavilan Hills, part of the Perris Block, bounds the Corona-Elsinore Trough on the northeast. The Site is situated on the northeast edge of the alluvial fan surface that slopes gently from the Santa Ana Mountains, extending northeasterly through Corona toward Temescal Wash. Temescal Wash is approximately ½ mile southeasterly of the Site.

Local and Site Geology

Surficial materials in the vicinity of the Site are comprised of Holocene Older and Younger alluvium and bedrock. The younger alluvium consists of unconsolidated sand, gravel, and silt associated with the intermittent Temescal Wash. The active channel for the Temescal wash bounds the northeast portion of the Site and flows to the west in a cemented flood channel. The older alluvium consists of semi-consolidated buff to dark brown, sand, gravel, and silt associated with the alluvial deposits upgradient (south) of the Site. The bedrock consists of siltstone units possibly associated with the Miocene-Puente formation and weathered, hydrothermally altered volcanic and intrusive rocks associated with the Santiago Peak Volcanics. The siltstone is exposed in the hills located immediately south of the Site at 880 feet above mean sea level (msl). Crystalline bedrock mapped as the monzogranite of Cajalco pluton crops out in the foothills approximately 2 miles southeast of the Site.

Previous consultants investigating surrounding properties identified layers of gravelly sand (1-5 feet below ground surface [ft bgs]), sand and silty clay (20-30 ft bgs), gravelly sand (25-40 ft bgs) and clay 55-60 ft bgs). Drilling refusal has occurred several times at approximately 20 ft bgs indicating the presence of dense consolidated silty clay and gravelly material at that depth. Multiple dense, laterally discontinuous clay lenses have been reported to occur between 40-50 ft bgs, 62-81 ft bgs, and 90-103 ft bgs (AESI, 2002). Investigations conducted on-Site encountered sand and gravel mixtures with refusal on cobbles occurring commonly (EST, 2006; Fero, 2006b).

Local Hydrogeology

Groundwater depths in the vicinity of the Site have been reported to range from 23-28 ft bgs and from 42-47 ft bgs (AESI, 2002), presumably as perched layers related to the clay layers described above. The regional aquifer is reported to start at 124 ft bgs. Recovery depths of groundwater in Corona municipal wells in the early 2000's were approximately 190-193 ft bgs. In addition, a westerly gradient was observed following the overall direction of discharge from the Temescal River to the Santa Ana River. Groundwater was also estimated to be approximately 45 ft bgs traveling into the gravely Temescal Wash downgradient of the Site (AESI, 2002). Groundwater beneath the Site was encountered at approximately 47 ft bgs in coarse granular material composed of sand and

gravel (Fero, 2006b).

In addition, the groundwater beneath the Site is identified as the Temescal Hydrologic Sub Area within the Middle Santa Ana River Basin with beneficial use designations including municipal and domestic supply (MUN), agricultural supply (AGR), industrial service supply (IND), and industrial process supply (PROC)[3].

The most recent groundwater data was collected for the Site in 2017. In May of 2017, the groundwater flow direction was trending west and the associated hydraulic gradient was 0.0099 ft/ft (*Groundwater Well Installation and Monitoring Report* - EarthCon, July 2017). Upon review of the *Groundwater Well Installation Report,* the DTSC concurred with the conclusion that further groundwater monitoring was not required and that the wells could subsequently be removed (per email dated July 17, 2017). Therefore, the wells were removed in accordance with the County of Riverside Department of Environmental Health well permit.

3 http://waterboards.ca.gov/santaana/water_issues/programs/basin_plan/docs/2016/Chapter_3_Feb_2016.pdf

3.0 SUMMARY OF PREVIOUS INVESTIGATIONS

In October of 2000, the DTSC conducted a Compliance Evaluation Inspection at the Site and determined that there may have been potential releases of hazardous waste into the environment from the abandoned rail spur area (SWMU 1), the chip storage area (SMWU 2), and the area adjacent to the pressure test area (SWMU 3). The DTSC determined that further investigation was required to determine the nature, constituents, and extent of the potential releases. Therefore, a Corrective Action Consent Agreement (CACA) was prepared for the Site on October of 2001 and was subsequently revised on March 6, 2002.

As required by the CACA, Advanced Environmental Services, Inc. (AESI), prepared the *Preliminary Endangerment Assessment and Facility Workplan* (PEA – March 28, 2002). The PEA proposed a soil sampling plan for the three SWMUs identified above. The DTSC subsequently provided written comments upon review of the PEA. Due to the number of comments and the extensive scope of work required by the DTSC, Clow contracted Environmental Services Technologies (EST) to revise the PEA. After multiple meetings with the DTSC, EST prepared the revised PEA dated June 21, 2004, which identified the following nine (9) areas of concern (AOC) at the Site (see Figure 2):

- AOC-1 – Rail Spur Area (including area of diesel impact)
- AOC-2 – Chip-Bin Storage Area
- AOC-3 – Water Pressure Test Area
- AOC-4 – Former Iron Foundry Sand Cleanup Area
- AOC-5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC-6 – Former Asphalt Dip Tank
- AOC-7 – Transformer Area 1
- AOC-8 – Transformer Area 2
- AOC-9 – Former Test-Pond (filled)

Upon review of the revised PEA, the DTSC determined that interim measures were necessary due to the presence of a stockpile of dry, unconsolidated foundry sand waste located in the Rail Spur Area (AOC-1). The removal of the stockpile in AOC-1 was identified in the revised PEA because characterization results indicated elevated levels of copper, lead and zinc, but also to provide access to the area for sampling and further evaluation of potential soil impact to the native soil below. Therefore, EST prepared a document titled *Interim Measures Work Plan* (IMWP) dated

January 13, 2005 to address the removal of the foundry sand stockpile as required by the DTSC. The IMWP evaluated the various interim measures that could potentially be used to mitigate the impact of potential contaminant dispersion arising from the stockpiled foundry sand on-Site. Excavation and subsequent off-site transport was selected as the most feasible interim remedial measure.

The stockpiled material was removed from the Site on June 13, 20, and 21, 2005 and approximately 393 cubic yards was delivered to the Chemical Waste Management Class I disposal facility located at 35251 Old Skyline Road in Kettleman City, California.

A soil and soil gas sampling investigation was subsequently conducted in June and July of 2005 and the results were provided in a document titled *Preliminary Summary of Site Assessment Results and Proposed Further Assessment* (November 29, 2005). DTSC provided comments on the report and, as a result, EST prepared an *Addendum Report – Summary of Site Assessment Results Clow Valve* dated July 28, 2006. Clow replaced EST with Fero Environmental Engineering, Inc. (Fero) as the consultant for the Site and during a meeting with the DTSC on July 11, 2006, Fero determined that the sampling indicated in the EST summary report was generally acceptable. Fero subsequently prepared the *Further Investigation Workplan* (Workplan – July 27, 2006) in order to further define the vertical and lateral extent of subsurface impacts, as needed, based on the previous EST reports as well as incorporation of DTSC comments. Therefore, in September 2006, Fero conducted soil sampling activities at AOC-1, AOC-2, AOC-3, AOC-5, and AOC-7. To address further DTSC comments, Site wide near surface soil sampling was also conducted, including an unpaved storage area not previously sampled, to address the concern related to the potential occurrence of metal impacted fill material that may have been used on-Site. In addition, one groundwater well was installed at AOC-1 to facilitate groundwater sampling. Results from this investigation were provided in a document titled *Report of Findings* (Fero, December 18, 2006) and provided to Clow in preparation for sale of the property to a potential buyer.

Clow attended a meeting with the DTSC in February of 2007 to discuss future Site remediation activities. In a follow up letter, Fero discussed how remediation efforts were not anticipated prior to February of 2008 (Fero, February 8, 2007). In addition, the letter also discussed groundwater sampling results from their 2006 investigation, which showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L) in groundwater beneath the Site. Given the absence of any chlorinated solvent use at the Site, the letter postulated that the TCE detection may be the result of an off-site source. Subsequently, groundwater monitoring was conducted on a quarterly basis from the fourth quarter of 2006 (reported in October 2006) to the second quarter of 2008 (reported August 2008). TCE was not detected after April of 2007 during this phase of investigation.

In 2009, Fero prepared a *Corrective Measures Workplan* (CMW) addressing the results from the previous investigations at the Site, the selected remediation, and a proposed schedule for implementation of the CMW. The CMW identified that the most cost effective remediation would be

to remove impacted soils exceeding the industrial Regional Screening Levels (RSLs – formerly PRGs) and restrict the deed for the Site limiting it to commercial and/or industrial use only. Originally, the Site was to be remediated as part of a redevelopment project after the existing operations had been moved to an alternate location being developed by the City of Corona. However, economic conditions delayed the development of the alternate location, which stalled the move indefinitely. Therefore, Clow requested that DTSC would allow them to delay the remediation until it could be implemented as a part of the comprehensive demolition and redevelopment project citing such reasons as it being "more cost effective, logistically much simpler, be reflective of the anticipated use, and will not disrupt ongoing manufacturing operations".

In 2010, Clow submitted a letter in response to the DTSC's inquiry regarding the discovery of an area of foundry sand fill in AOC-4. This area was identified during a sewer line replacement project in a paved area just north of the Anaco building. The stockpiled material was sampled and was characterized as hazardous for lead and approximately 60.5 tons was transported to Beatty, Nevada for disposal. This letter also addressed the status of the Site remediation and redevelopment. McWane explained that the project was "on indefinite hold pending recovery of the local Corona economy" as stated in the CMW.

In October 2015, Clow and DTSC reached a mutual decision to restart the stalled process due to the economic uncertainty associated with Site redevelopment. Clow subsequently contracted with EarthCon to assist with restarting the process and revising the Site Corrective Measures Study in the absence of site redevelopment. EarthCon and Clow met with the DTSC on March 15, 2016 to provide an overall project update and identify a path to move forward as requested. EarthCon evaluated the previous environmental activities, site assessment investigations, and the associated analytical results. The analytical results from the previous investigations are illustrated on the historical Site figures provided in Appendix A. The results from the previous investigations were evaluated and subsequently included in a Site-specific Human Health Risk Assessment.

In February 2017, two additional groundwater monitoring wells were installed on-Site as identified by the locations illustrated on Figure 2. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient to confirm that the existing well (MW-1) was appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC-1. Groundwater monitoring events were conducted in March 2017 and subsequently in May 2017. Groundwater samples reported concentrations of various compounds below their associated MCLs with the exception of arsenic (March 2017 event only). However, the arsenic concentrations reported in MW-1 through MW-3 are within the local background arsenic concentrations. Therefore, it was determined that groundwater would not be incorporated into the overall scope of the CMS.

The DTSC requested further vertical delineation of soil impacts at locations where previous investigations had encountered difficult drilling conditions and refusal of the drill string and associated sampling equipment. Therefore, soil borings were advanced at the former sample

locations SW6 and CV-BG2 and analyzed for metals and two borings were also advance in AOC-1 and soil samples were collected and analyzed for lead. The metal concentrations in the soil samples were not reported above their associated criteria.

The historical data, Human Health Risk Assessment, and current Site operations were used to prepare a CMS for the Site (EarthCon, 2018). The CMS identified excavation (AOC-7) and capping in place (AOC-1, AOC-5, and AOC-7) as the selected remedy. However, due to the presence of polychlorinated biphenyls (PCBs) at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC-3 and AOC-6 as well. The results were summarized in a document titled *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (EarthCon, 2019). Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC-7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentrations in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, Soil Management Plan, and PCB Cleanup Report. Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019.

Therefore, a CMIWP associated with the design and installation of a cap at AOC-1 and AOC-5, as well as the evaluation and repair of the exiting ground cover in AOC-2, AOC-3, and AOC-9, was prepared (EarthCon, 2020). The selected remedy in the CMIWP was subsequently approved by the DTSC in a letter dated May 13, 2020. Implementation of the selected remedy identified in the CMIWP is described in the following sections.

4.0 IMPLEMENTATION OF THE SELECTED REMEDY

The selected remedy identified in the CMIWP includes engineering control (capping system) along with institutional controls as detailed in the following table:

Location	Status	Further Requirements
AOC-1	Unpaved.	Grading/ Engineered Cap
AOC-2	Covered with asphalt, minor localized cracking	Evaluate cracks, slurry seal or repair as needed
AOC-3	Covered with asphalt, minor localized cracking and degradation	Evaluate cracks and degradation, slurry seal or repair as needed
AOC-4	Covered with asphalt, minor localized cracking	Evaluate cracks, slurry seal or repair as needed
AOC-5	Partially covered with discontinuous and locally broken concrete	Engineered Cap - Adjacent to AOC-1, incorporate into continuous cap over both areas.
AOC-6	Interior space, covered with concrete	No further action
AOC-7	Covered with concrete.	No further action
AOC-8	Partially covered with concrete	No further action – concentrations below industrial RSLs; therefore, no significant impacts detected.
AOC-9	Covered with asphalt, minor localized cracking	Evaluate cracks, slurry seal or repair as needed
Site Wide	--	Institutional Controls: Soil Management Plan, Land Use Covenant, and Operations and Management Plan.

Institutional controls include the preparation of a Land Use Covenant (LUC), Soil Management Plan (SMP), and an Operations and Management Plan (O&M Plan). The LUC was approved by the DTSC and recorded on November 18, 2021. Both the SMP and O&M Plan were submitted to the DTSC on June 21, 2021, and subsequently approved by the DTSC in a letter dated August 10, 2021.

During the implementation of the selected remedy, McWane decided to include removal of the additional lead "hot spot" areas located in the northern parking lot associated with previous sample locations SW2 and SW3. Therefore, the following sections of the CMI Report discuss implementation of the selected remedy as well as the activities conducted at SW2 and SW3.

4.1 Selected Remedy Implementation

4.1.1 Pre-Field Activities

As noted previously, AOC-1 and AOC-5 were unpaved and required grading and paving activities as part of the selected remedy. Prior to the commencement of field activities at AOC-1 and AOC-5, EarthCon ensured that all proper underground utility clearances were conducted. The locations proposed for subsurface work were identified using white paint, and Underground Service Alert (USA) was contacted a minimum of 72-hours prior to initiation of field activities. Additionally, a geophysical clearance was conducted within the area of soil disturbance prior to field work implementation. Initially, EarthCon submitted the *Lead "Hot Spot" Removal Notification* (Notification[4] - EarthCon, June 2021) signifying the 30-day notification of proposed field activities and followed up with a subsequent notification to the DTSC one week before demolition activities began on-Site. DTSC was notified that the first portion of activities would include tree removal and removal of the railroad spurs, including rails and ties, and miscellaneous debris. As requested by the DTSC, EarthCon subsequently coordinated with the DTSC appointed geologist for the field inspections associated with the start of excavation and confirmation sampling activities.

Fieldwork was conducted in accordance with the Site Health and Safety Plan. In addition, the scope of work and elements of the HASP were discussed daily during the tail-gate safety meetings.

Grading Permit

A Grading Plan was prepared for the grading and paving activities associated with AOC-1 and AOC-5 in accordance with the requirements set forth by the City of Corona Public Works Department. Once approved by the City of Corona, a Grading Permit (PWG-21-00005) was issued on April 15, 2021, to the project contractor, B& D Construction Co., Inc. As required by the DTSC, a copy of the approved grading plan was included in the SMP (EarthCon, 2021). A pre-grading

4 The Notification included lead hot spot removal in AOC-1 as well as the parking lot areas identified as SW2 and SW3.

meeting was conducted with the City of Corona prior to initiation of ground disturbing activities on July 30, 2021. Once earthmoving activities began, the inspector for the City of Corona was on-Site daily to observe best management practices associated with erosion and sediment control and to observe the project progress.

Rule 1466 Notification

Based on the contaminant concentrations present in the soil, earth-moving activities (excavation, grading, etc.) were conducted in accordance with South Coast Air Quality Management District's (SCAQMD) Rule 1466. The SCAQMD was notified a minimum of 72 hours before earth-moving activities began using the SCAQMD Rule 1466 Notification Online Form. On-Site personnel responsible for Rule 1466 implementation and associated dust monitoring had been certified by the SCAQMD Rule 1466 Dust Control Supervisor Training Class. Dust monitors included one (1) upwind monitor and one (1) downwind monitor that recorded the collected direct-reading data every 10 minutes or less. In addition, wind direction and speed were monitored using a weather station. A handheld dust monitor was also used to supplement the data from the stationary dust monitoring stations during grading activities. Records of the air monitoring data, for both the upwind/downwind monitors and the handheld dust monitor, are provided in Appendix B.

Treated Wood Waste Permit

In order to dispose of the wooden rail ties associated with the former railroad spurs on-Site, Clow was required to obtain a Treated Wood Waste (TWW) Large Quantity Generator Variance. Therefore, Variance No. TWW-2021-LG-00650 was obtained prior to the removal and subsequent disposal of treated wood waste from the Site. A copy of the documentation associated with the TWW Variance and profile are provided in Appendix C.

4.2 Field Activities

Site photographs documenting the field activities discussed below are provided in Appendix D.

4.2.1 Demolition and Surface Preparation Activities

In order to access AOC-1 and AOC-5, field preparation activities required the demolition and removal of large debris. Such activities began on July 30, 2021 with the removal of trees located in AOC-1. Two large trees were cut down to the ground surface level and transported off-Site as green waste. The tree root ball was subsequently excavated and stockpiled until it was profiled for disposal.

Following the tree removal, the railroad spurs and wooden rail ties in the unpaved area were

uncovered using heavy equipment. The steel rails were cut into smaller sections to aid in transportation and the rail ties were removed and managed in accordance with the TWW Variance, as previously mentioned.

Further activities included the removal of various concrete pads and surface structures, both known structures and those that were encountered during the ripping (i.e., concrete structural support footings and pads) of the soil and/or during the excavation of the "hot spot" areas associated with original sample locations identified as AOC1-B3 and AOC1-B17. A large concrete wall or footing was encountered in AOC1-B3 extending below grade to approximately 6 ft bgs. This structure extended beyond the fencing outside of AOC1; therefore, to avoid potentially undermining its intended use it was left in place. However, the top of the wall was removed to a depth below the projected grading for the Site. This area was later evaluated for geotechnical purposes as discussed further in Section 4.2.4. Large pieces of concrete were encountered in several areas north of the south adjacent warehouse while prepping the surface for future grading activities. The concrete was subsequently broken up and managed appropriately (see Section 4.2.2.1). During concrete removal activities, broken portions of what appeared to be a former septic tank were encountered. This information was relayed to the DTSC Geologist, Ms. Wendy Arano, while on-Site on August 11, 2021. EarthCon discussed with Ms. Arano that once the material was removed a characterization sample would be collected for investigative purposes as discussed in Section 4.2.2.1.

Asphalt was also removed from the parking lot "hot spot" areas associated with original sample locations identified as SW2 and SW3, as identified the in the Notification.

Various debris was encountered during the demolition and surface preparation activities associated with AOC-1 and AOC-5. As the soil surface was ripped in preparation for grading, debris encountered included pieces scrap metal, rubber, brick, and trash. The debris was removed and stockpiled as appropriate.

Further details on management and associated classification of the encountered debris identified above is provided in Section 4.2.2.1.

4.2.2 Excavation & Confirmation Sampling Activities

On August 11, 2021, excavation of the lead "hot spot" areas began with AOC1-B3 and AOC1-B17. DTSC Geologist, Ms. Arano, was on-Site to observe the excavation areas as well as some of the initial confirmation sampling activities. The excavation activities for SW-2 and SW3 began on August 12, 2021 with breaking of the asphalt in the parking lot excavations and stockpiling as appropriate awaiting disposal, as discussed in Section 4.2.2.1. On August 13, 2021, excavation of the soil and subsequent confirmation sampling at SW-2 and SW-3 was conducted.

As identified in the Notification, the soil designated for removal, a 20 ft by 20 ft area with a depth of 1 ft bgs at each location, was excavated using heavy equipment under the supervision of experienced field personnel, as directed by a California Professional Geologist. During excavation activities, the soil was evaluated for evidence of non-native fill materials that may be the source of the lead impact. In addition, field personnel screened the excavation side walls and floor using a handheld x-ray fluorescence (XRF). In the event field observations identified non-native material potentially containing lead or field screening measurements indicated areas with lead concentrations exceeding 1,000 mg/kg that extended beyond the originally defined limits, additional soil was subsequently removed. Excavated soil was stockpiled in designated areas, as described in the SMP, awaiting characterization and subsequent transport to the appropriate disposal facility (see Section 4.2.2.1).

Confirmation samples were initially collected on a 10 ft by 10 ft grid on both the sidewalls (with discrete samples collected at approximately 6 inches bgs) and floor (with discrete samples collected at approximately 1 ft bgs) of the excavations in accordance with the Notification. Confirmation samples were submitted to an off-Site laboratory and analyzed for lead in accordance with USEPA Method 6010. Analytical results were evaluated to determine if the lead-impacted material exceeding 1,000 mg/kg had been successfully removed.

Once the initial analytical results were received, additional soil was excavated from the southwest corner of the AOC1-B3 excavation due to reported lead concentrations exceeding 1,000 mg/kg from floor sample B3-F4 (1,100 mg/kg) and sidewall sample B3-S8 (1,050 mg/kg). Approximately 6 inches was excavated around B3-F4 and the subsequent floor sample B3-F4A reported a lead concentration below the criteria at 352 mg/kg; however, sidewall step-out samples B3-S8A and B3-S8C exceeded the criteria at 1,400 mg/kg and 2,100 mg/kg. Further material was excavated from the southwest sidewall of AOC1-B3 and further sampling of the sidewalls reported lead concentrations below the 1,000 mg/kg criteria with concentrations reported at 562 mg/kg (B3-S8B), 240 mg/kg (B3-S8D), and 310 mg/kg (B3-S8E).

Initial analytical results received from the AOC1-B17 excavation indicated that further excavation of the soil was necessary at the northeast corner and along the center of the southern sidewall. Additional soil was excavated from the vicinity of floor sample F2 due to reported lead concentrations exceeding 1,000 mg/kg (1,160 mg/kg). Therefore approximately 6 inches was excavated further and confirmation sample F2A reported a lead concentration below the criteria at 5.99 mg/kg. A lead concentration exceeding 1,000 mg/kg was reported in sidewall sample B17-S6 (1,030 mg/kg) as well as the subsequent sidewall sample B17-S6A (1,420 mg/kg). Therefore, that portion of the sidewall was further excavated and, due to the extended footprint, one additional floor sample (B17-S6AF1) and three additional sidewall samples (B17-S6A1, B17-S6A2, and B17-S6A3) were collected. The additional floor and sidewall samples subsequently reported lead concentrations below the 1,000 mg/kg criteria, see Figure 3A.

Confirmation samples collected from both parking lot excavations, SW2 and SW3, reported lead

concentrations below the 1,000 mg/kg criteria.

The analytical results are summarized in Table 1 and copies of the laboratory reports are provided in Appendix E. In addition, details of the final limits of the excavations and associated confirmation sample locations are provided on Figures 3, 3A, and 3B. Additionally, dust monitoring activities did not indicate exceedances of the SCAQMD requirements (see field forms and dust monitoring logs provided in Appendix B.

4.2.2.1 Stockpiles & Waste Management

Prior to initiation of earthmoving/soil disturbing activities, areas for stockpiling excess soil were established to control contact by Site employees and dispersal into the environment; to allow proper management of the excavated soil; and to provide access for subsequent characterization sampling for proper waste classification and selection of an appropriate off-Site disposal facility. Stockpiles were located within the paved area southeast of AOC1/5 and were placed on top of thick gauge plastic sheeting awaiting transport off-Site. Additionally, each stockpile was covered with the thick gauge plastic sheeting when not in use, as well as at the end of each workday. As indicated in the CMIWP, the following types of materials were removed and stockpiled as appropriate:

- Tree root ball (subgrade)
- Railroad ties (wood) and lines (steel)
- Asphalt from the parking lot excavations (SW2 and SW3)
- Excavated soil from the lead “hot spot” excavations (AOC1-B3, AOC1-B17, SW2, and SW3)
- Concrete debris removed from AOC-1/AOC-5

The tree root ball was profiled as non-hazardous solid waste and transported to the Waste Management El Sobrante Landfill. As noted previously, the wooden railroad ties were managed in accordance with the Variance No. TWW-2021-LG-00650 for treated wood waste. The railroad ties were also transported to El Sobrante Landfill as it is designated as a TWW disposal facility (Variance No. TWW-2021-DF-00103). Asphalt from the parking lot excavation was stockpiled and subsequently transported to Maitri Road Recycling in Corona.

The soil excavated and stockpiled from the “hot spot” excavations, as well as the concrete from AOC-1/AOC-5, was analyzed based on historical Site information as well as analyses required by the disposal facilities. Additionally, soil was also sampled from beneath what appeared to be broken pieces of a septic tank (sample UNKBS) and the analytical results were below the associated hazardous waste criteria. Results from the waste characterization analyses indicated

that the majority of the soil removed from the lead "hot spot" removal excavations was to be profiled as California hazardous soil based on lead concentrations exceeding the Total threshold Limit Concentration (TTLC). The exception was the soil removed from AOC1-B17, which was profiled as RCRA hazardous based on exceedances of the Toxicity Characteristic Leaching Potential (TCLP). Additionally, due elevated PCB results, soil from parking lot stockpile SP-SW3 required disposal at a TSCA designated facility. After review of the analytical data by the DTSC and USEPA Region 9, both the California hazardous soil and RCRA soil were transported to the US Ecology Nevada Inc. facility located in Beatty, Nevada. Analytical results associated with the concrete stockpiles did not exceed hazardous criteria and the concrete was subsequently transported as non-hazardous to the Waste Management El Sobrante Landfill. Approximately one dozen refractory bricks were encountered during the removal of various concrete debris. The refractory brick was analyzed for metals and the analytical results did not report concentrations above the applicable criteria; therefore, it was characterized as non-hazardous and transported under the profile associated with the California hazardous soil stockpile.

Type of Material	Number of Trucks	Estimated Volume/Weight*	Receiving Facility
Tree Root Ball (non-hazardous)	1	18 Y	El Sobrante Landfill (Waste Management)
Railroad ties (non-hazardous)	3	54 Y	El Sobrante Landfill (Waste Management)
Asphalt (non-hazardous)	2	Not Available	Maitri Road Recycling
Soil (RCRA)	4	72	US Ecology Nevada, Inc.
Soil (CA hazardous/TSCA)	5	90	US Ecology Nevada, Inc.
Concrete (non-hazardous)	10	180 Y	El Sobrante Landfill (Waste Management)
Railroad Rails(recycle)	4	61,300 lbs	SA Recycling LLC - Fontana

*Based on generator signed manifests. Once available, the final documentation will be provided separately to DTSC.

As discussed above, waste material resulting from grading activities was segregated, managed, and transported off-Site to the appropriate disposal facility, as applicable. Trucks were staged on the Site and out of traffic lanes to the extent possible. Once on the Site, each truck was loaded by a

front-end loader. Water was sprayed on the material to limit dust emissions during the loading process. Once loaded, the trucks proceeded to the decontamination area where loads were covered with a tarp, and material was removed from the tires and flat surfaces of the trailer, as necessary, prior to leaving the Site. A stabilized entrance/exit was used to clean the truck tires. The areas outside the project area were swept as necessary to remove any residual material.

Copies of the generator signed manifests and other disposal documentation are provided in Appendix C. As noted above, the final facility signed manifests will be provided to the DTSC as a separate deliverable, once available.

Analytical results for waste characterization analyses are provided in Tables 2A, 2B, 2C, and 2D and the laboratory reports are provided in Appendix E.

4.2.3 Backfill

Once confirmation samples determined that the "hot spot" material was removed, the excavations in the parking lot were subsequently backfilled with virgin quarry base material. The excavations associated with AOC-1/AOC-5 did not require import backfill and were subsequently graded and covered in conjunction with the subsequent corrective measures implementation activities. In addition to the characterization sample identified in Table 2E, the parking lot excavations were each backfilled using Class 2 Aggregate Base PC# 6M700 (approximately 400 ft^3 or 14.8 yds^3 each). This material, provided by Vulcan Materials Company (Vulcan), is identified as being "produced entirely from virgin aggregate sources". Vulcan further identifies the material as being comprised of naturally occurring granite which typically contains some quartz materials produced from their Corona Quarry (California Mine ID 91-33-0027).

Analytical results are provided on Table 2E, laboratory reports are provided in Appendix E, and the documentation provided by the quarry source is provided in Appendix C.

4.2.4 Grading and Paving Activities

As required by the CMS, areas of exposed/pervious surfaces in AOC-1 and AOC-5 required capping to prevent or minimize human exposure, infiltration of water, and erosion. In addition, repair/repaving of AOC-2, AOC-3, AOC-4, and AOC-9 was also required under the CMS. The capping activities at AOC-1 and AOC-5 involved grading and compacting the soil surface to the specifications required to support the final designated surface seal and/or future construction in accordance with the City of Corona approved Grading Plan.

Once confirmation samples demonstrated that lead concentrations greater than or equal to 1,000 mg/kg had been removed from the hot spot areas in AOC-1 and AOC-5, the soil was prepped for grading and paving activities. Site preparation included ripping and moisture conditioning of the soil

and continual removal of debris/rocks greater than 3 inches in size. In addition, the soil surface was subsequently compacted to the specification required to support the final design in the Grading plan.

Geotechnical Professionals, Inc. (GPI) provided geotechnical support throughout the project, which included: potholing to determine the soil profile and laboratory testing for maximum density/optimum moisture soil compaction characteristics; geotechnical engineering consultation; observation and testing during backfill of the hot spot excavations and remnants of the septic tank; and in place density testing of subgrade pavement areas to document attainment of permit-required compaction. The report provided by GPI concluded that the earthwork activities were performed in accordance with customary standards of practice. Once GPI determined the Site met the compaction specifications, the inspector from the City of Corona inspected the area. The City Inspector requested that the western edge of the asphalt along AOC-1 be saw cut straight prior to paving. Paving was subsequently conducted at AOC-1/AOC-5 and the parking lot excavation (SW2, SW3) by Regan Paving on September 8-9, 2021.

The geotechnical report is provided in Appendix F. As noted previously, the progress of the Site activities is documented in the photographs provided in Appendix D.

As noted previously, the cracks and degradation in pavement at AOC-2, AOC-3, AOC-4, and AOC-9 required repair in accordance with the CMIWP. Therefore, a slurry seal coat was applied to these AOCs on September 2, 2021. The final results are document in the photographs provided in Appendix D.

5.0 RECOMMENDATIONS & FUTURE SITE ACTIVITIES

During implementation of the CMIWP, the lead "hot spot" areas were excavated, and confirmation samples collected verified that soil exceeding 1,000 mg/kg had been removed. Subsequently the asphalt cap was completed at AOC-1/AOC-5 in accordance with the CMIWP and City of Corona approved Grading Plan. Additionally, AOC-2, AOC-3, AOC-4, and AOC-9 had repairs/repaving to the current asphalt cover conducted in accordance with the CMIWP. Therefore, implementation of the CMIWP has been completed without data gaps. Separate from the CMI activities conducted on-Site, additional soil investigation activities were conducted under the oversight of the USEPA in October and December of 2021. Due to the pending sale agreement for the Site, McWane contacted the DTSC in December 2021 to provide an update of the potential sale as it pertained to the LUC. During discussions with the DTSC, McWane provided information regarding the soil investigation activities associated with the USEPA. Subsequently, the DTSC requested that the samples collected from the December 2021 event also be analyzed for lead in addition to the PCB analysis. Additional lead concentrations were reported below the industrial criteria (320 mg/kg), with the exception of one surface sample that contained 620 mg/kg lead; however, this sample point is located within the area of elevated lead identified in the LUC. In addition, the concentrations of lead and PCBs identified during the supplemental soil investigations conducted in October and December 2021 are within the range of concentrations previously evaluated during the HRA and approved for placement under the proposed cap by DTSC and U.S. EPA; therefore, additional screening-level risk evaluation was not conducted because the exercise was not expected to yield different results. Analytical results from the supplemental soil investigations conducted under the oversight of the USEPA are provided in Appendix G. The results of the supplemental investigations with regards to PCB concentrations have been discussed with the U.S. EPA and will be addressed in the revised application through expansion of the cap to encompass PCB-impacted materials and through targeted excavation of the PCB-impacted material identified at S-60. These activities are expected to take place prior to the Summer of 2023 when redevelopment activities are tentatively scheduled.

Future changes to the Site, such as redevelopment, will only be undertaken after notice is given to DTSC and future Site activities must be conducted in accordance with the LUC, SMP, and O&M Plan. In addition, any subsequent grading and/or construction will require permits and approval from the City of Corona, as applicable. Future changes to the Site within the capped area identified in the LUC will also require notification to the USEPA by a modification/amendment to the current *Risk-Based Approval Application.*

A LUC was recorded on November 18, 2021, restricting the future use of the entire Site to commercial/industrial uses appropriate for the human health risk hazard and to prohibit Site development for residential and sensitive receptor uses.

As identified in the CMIWP, the SMP (EarthCon, 2021) will provide guidance for management of soils in the event excavation or soil disturbance is required during future on-Site activities such as building construction, utility installation, etc. The SMP will facilitate effective future project implementation and compliance with applicable laws. The SMP includes procedures for health and safety; engineering controls; stockpile management; characterization of soil brought up to the surface, if generated; and disposal of excess soil, if necessary.

The O&M Plan (EarthCon, 2021) was prepared to establish a set of procedures for LUC-required inspection of the Site and inspection and maintenance of the asphalt cover (cap). Additionally, the O&M Plan was prepared in order to maintain compliance with the LUC and applicable State and Federal Hazardous Waste Control laws and regulations. The goal of the O&M Plan is to prevent contact with contaminated soil, reduce water infiltration, erosion, and dispersion of soil contaminated with constituents of concern. In addition, the O&M Plan will be utilized to protect on-Site personnel, contractors, personnel conducting O&M activities, and/or visitors.

6.0 REFERENCES

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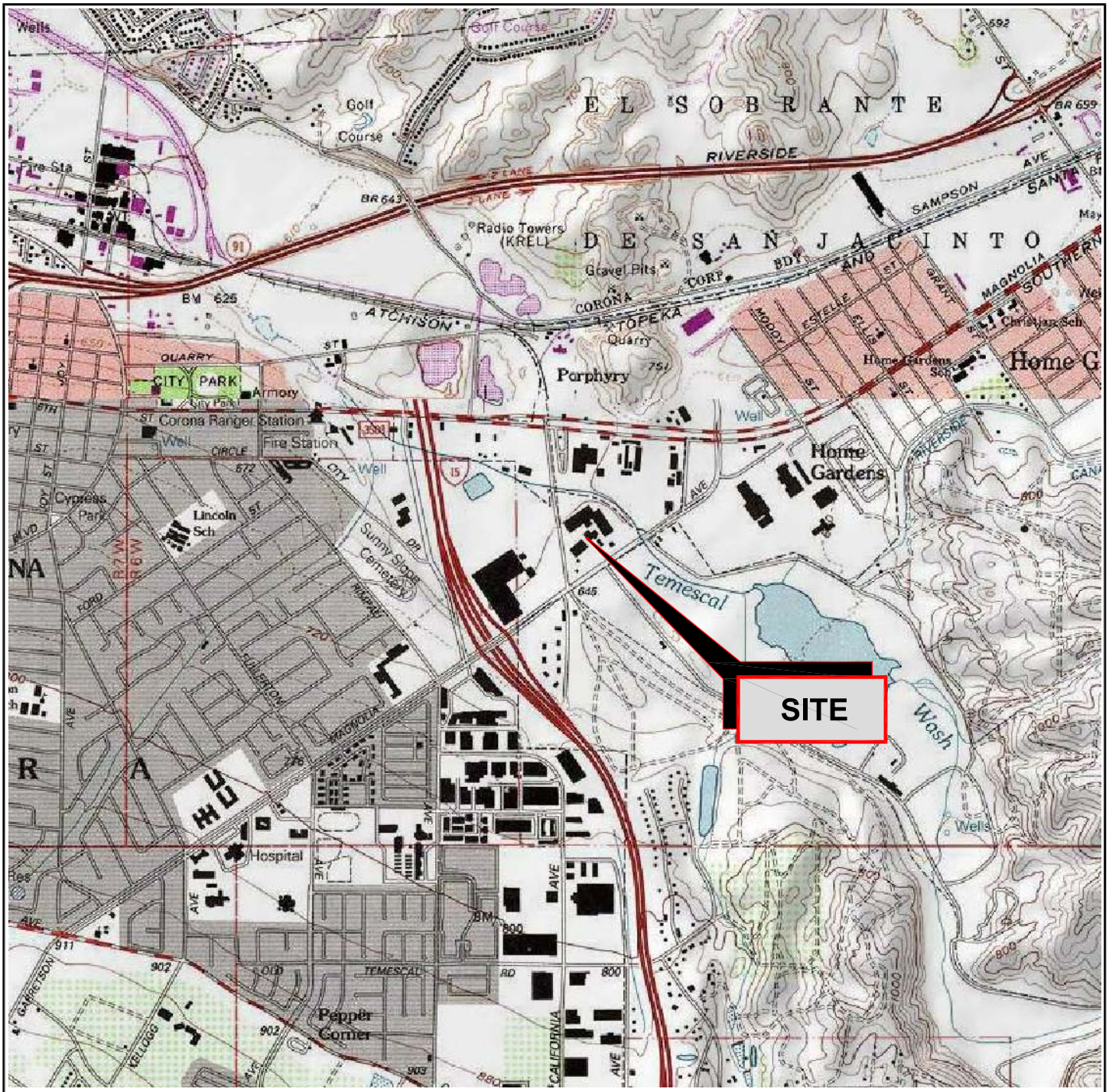
FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

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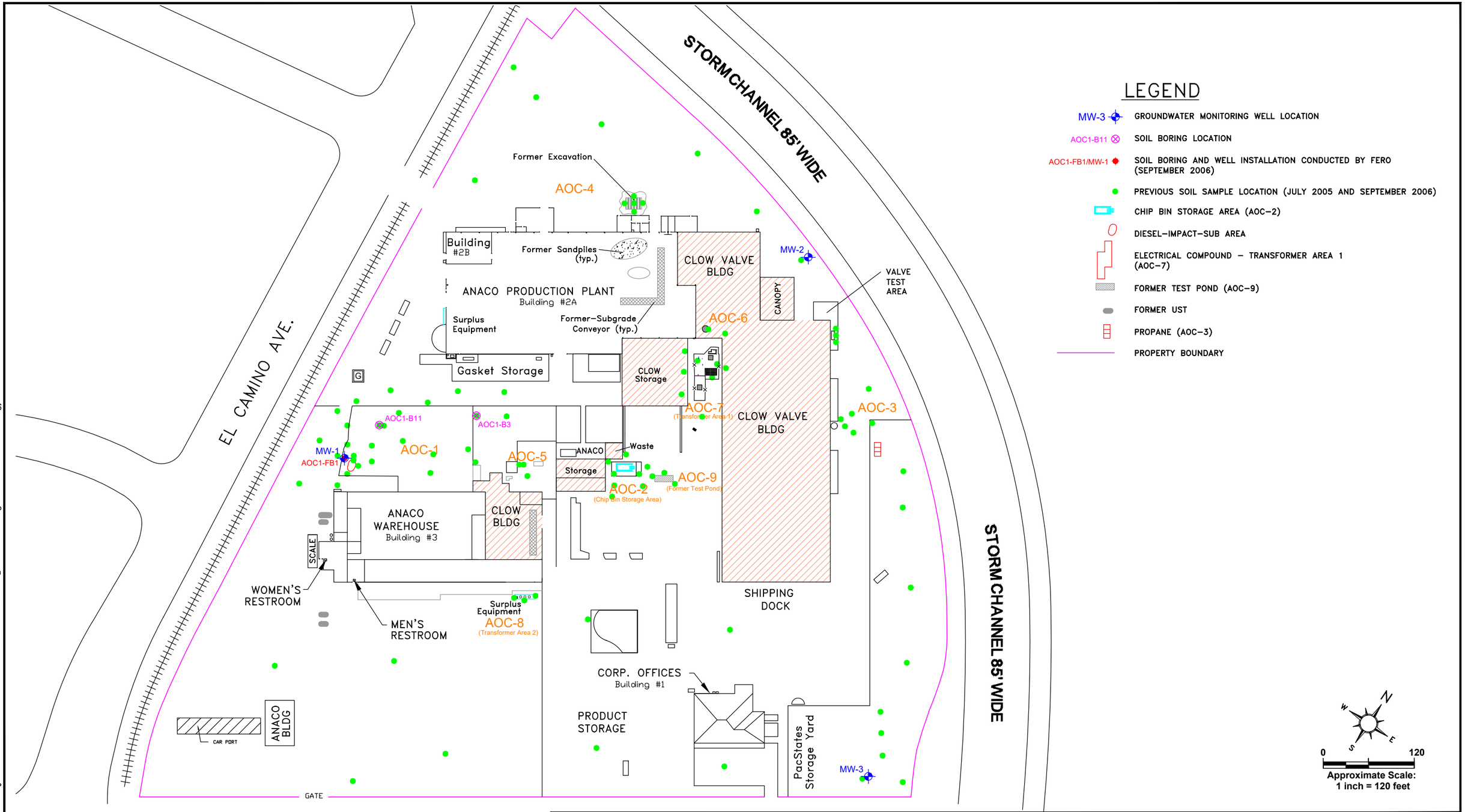

LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

0 120

Approximate Scale: 1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1100 Town & Country Rd, Suite 200, Orange, CA 92868

SITE PLAN

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/21/19	2

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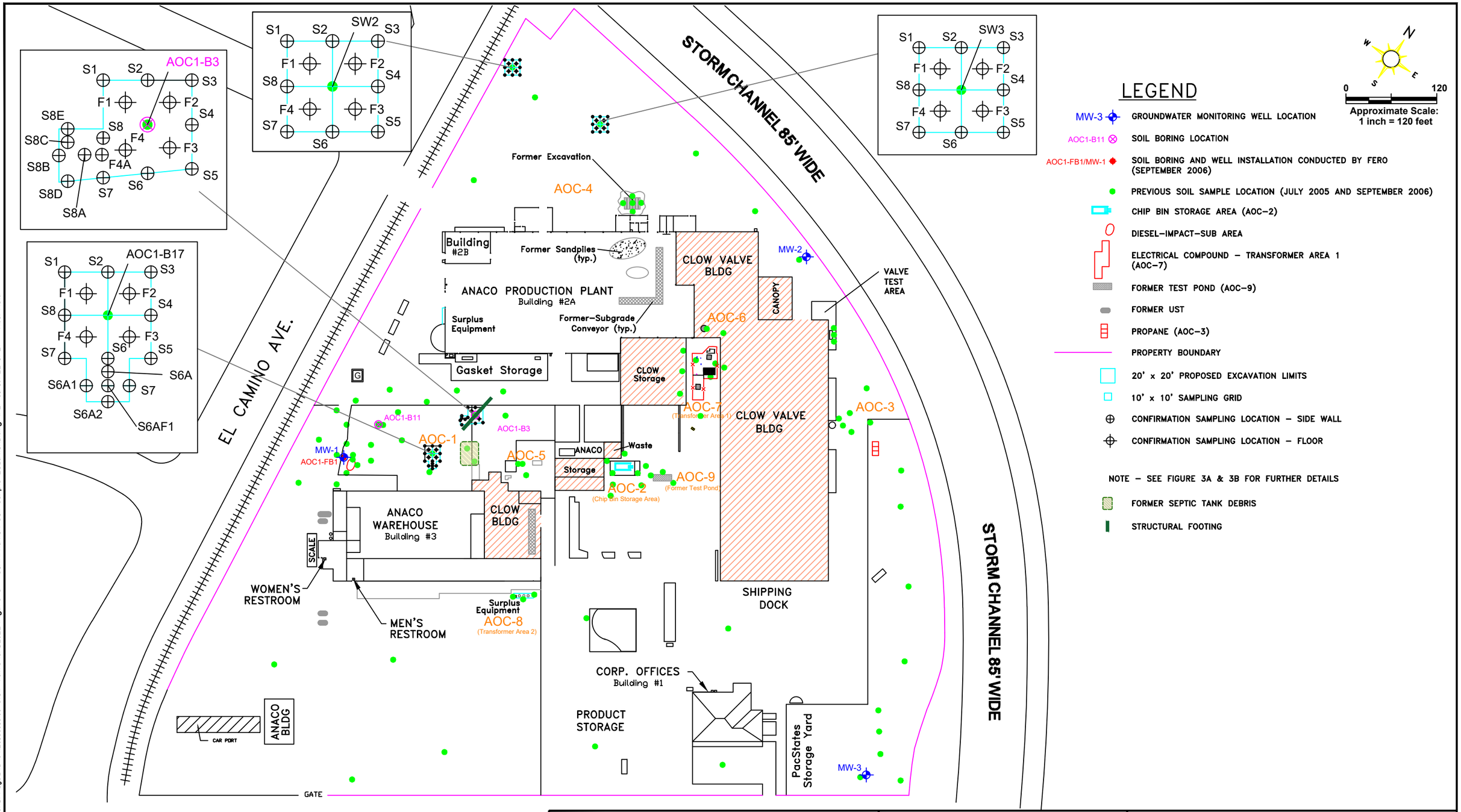

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 3 - Confirmation Soil Sample Locations.dwg (F2) 01/19/22 17:27 - kbarfield

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

EARTHCON®
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EARTHCON CONSULTANTS CA, INC
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CONFIRMATION SOIL SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
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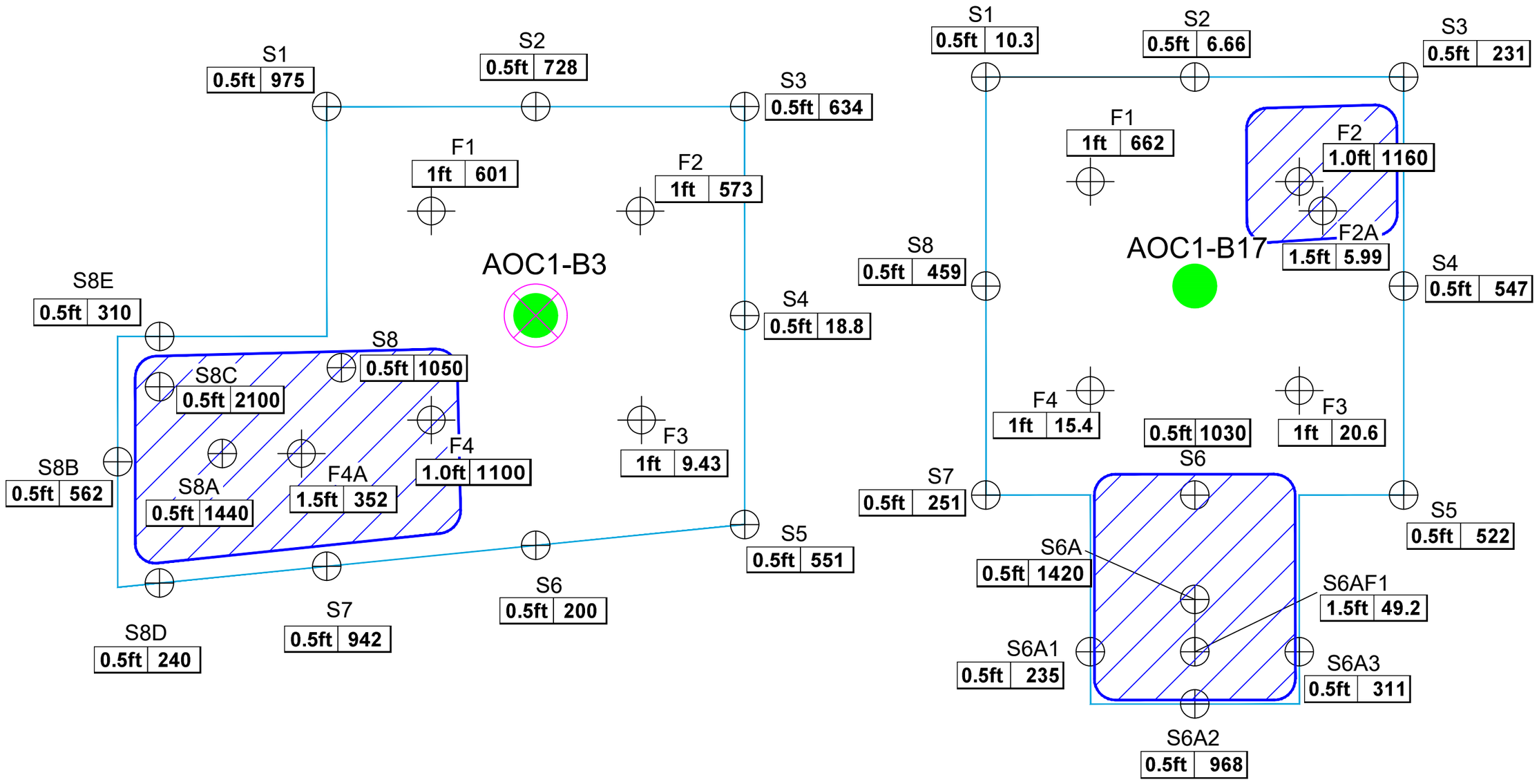

LEGEND

- AOC1-B3 ⊗ SOIL BORING LOCATION
- ● PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- □ EXCAVATION LIMITS (DEPTH – 1FT BGS)
- ▨ EXCAVATION LIMITS (DEPTH – 1.5FT BGS)
- ⊕ CONFIRMATION SAMPLING LOCATION – SIDE WALL
- ⌖ CONFIRMATION SAMPLING LOCATION – FLOOR
- 975 LEAD CONCENTRATIONS (mg/kg)
- 1100 LEAD CONCENTRATIONS ABOVE 1,000 MG/KG
- MG/KG: MILLIGRAMS PER KILOGRAM

0 5
Approximate Scale:
1 inch = 5 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

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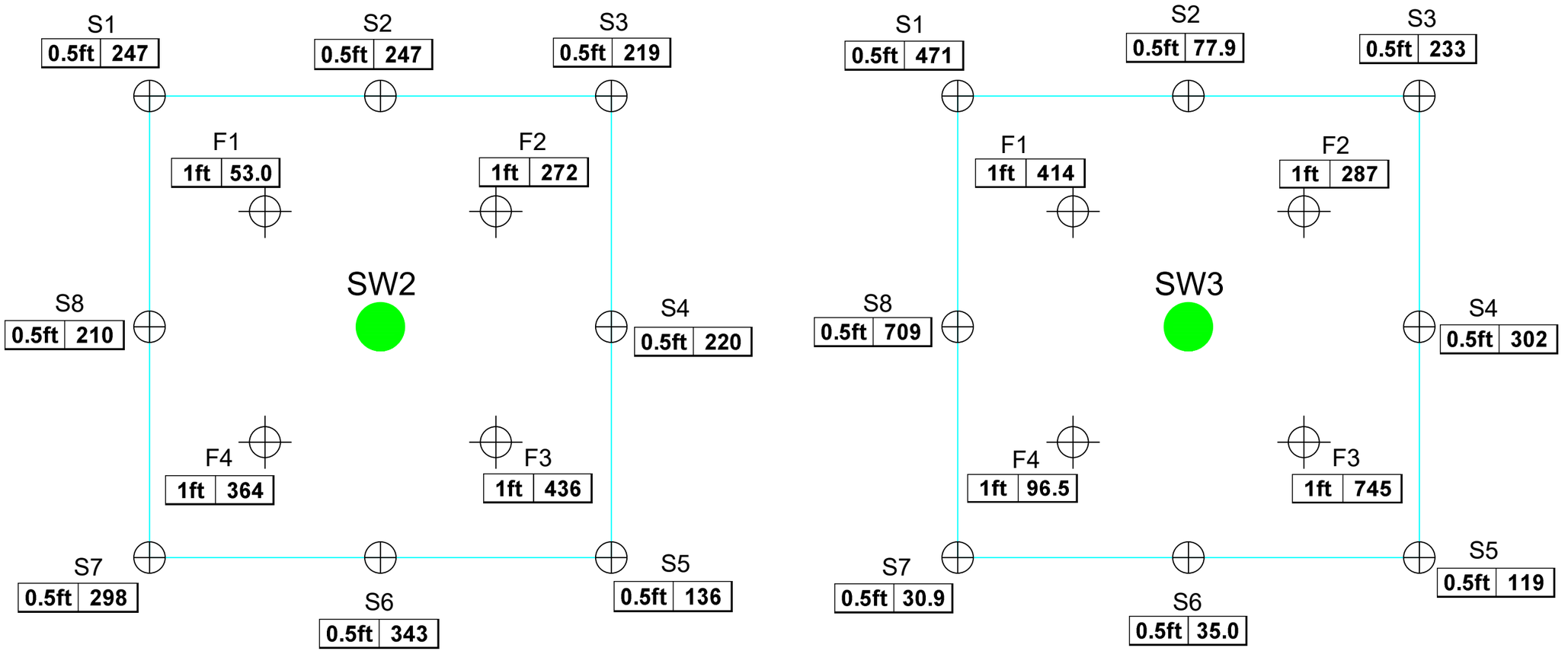
1100 TOWN & COUNTRY ROAD, SUITE 200, ORANGE, CA 92868

AOC1-B3 and AOC1-B17
EXCAVATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KB	BS	01/21/22	3A

FILENAME: S:\Common\DrongeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 3A - AOC1-B3 and AOC1-B17 Excavations.dwg <F2> 01/24/22 13:16 - kboarfield



LEGEND

- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- 20' x 20' EXCAVATION LIMITS (DEPTH – 1FT BGS)
- CONFIRMATION SAMPLING LOCATION – SIDE WALL
- CONFIRMATION SAMPLING LOCATION – FLOOR
- 975 LEAD CONCENTRATIONS (mg/kg)
- MG/KG: MILLIGRAMS PER KILOGRAM

0 5
Approximate Scale:
1 inch = 5 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

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SW-2 AND SW-3
EXCAVATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
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TABLES

TABLE 1 - CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS
CORRECTIVE MEASURES IMPLEMENTATION REPORT
CLOW VALVE

Sample ID	Date	Depth (ft bgs)	Lead (mg/kg)	
AOC1-B3				
B3-S1	8/12/2021	0.5	975	
B3-S2	8/12/2021	0.5	728	
B3-S3	8/12/2021	0.5	634	
B3-S4	8/11/2021	0.5	18.8	
B3-S5	8/11/2021	0.5	551	
B3-S6	8/11/2021	0.5	200	
B3-S7	8/11/2021	0.5	942	
B3-S8	8/12/2021	0.5	1050	
B3-S8A	8/17/2021	0.5	1440	
B3-S8B	8/20/2021	0.5	562	
B3-S8C	8/26/2021	0.5	2100	
B3-S8E	8/27/2021	0.5	310	
B3-S8D	8/26/2021	0.5	240	
B3-F1	8/12/2021	1.0	601	
B3-F2	8/12/2021	1.0	573	
B3-F3	8/11/2021	1.0	9.43	
B3-F4	8/11/2021	1.0	1100	
B3-F4A	8/17/2021	1.5	352	
AOC1-B17				
B17-S1	8/11/2021	0.5	10.3	
B17-S2	8/11/2021	0.5	6.66	
B17-S3	8/11/2021	0.5	231	
B17-S4	8/11/2021	0.5	547	
B17-S5	8/11/2021	0.5	522	
B17-S6	8/11/2021	0.5	1030	
B17-S6A	8/16/2021	0.5	1420	
B17-S6A1	8/20/2021	0.5	235	
B17-S6A2	8/20/2021	0.5	968	
B17-S6A3	8/20/2021	0.5	311	
B17-S6AF1	8/20/2021	1.5	49.2	
B17-S7	8/11/2021	0.5	251	
B17-S8	8/11/2021	0.5	459	
B17-F1	8/11/2021	1.0	662	
B17-F2	8/11/2021	1.0	1160	
B17-F2A	8/16/2021	1.5	5.99	
B17-F3	8/11/2021	1.0	20.6	
B17-F4	8/11/2021	1.0	15.4	
SW2				
SW2-S1	8/13/2021	0.5	247	
SW2-S2	8/13/2021	0.5	247	
SW2-S3	8/13/2021	0.5	219	
SW2-S4	8/13/2021	0.5	220	
SW2-S5	8/13/2021	0.5	136	
SW2-S6	8/13/2021	0.5	343	
SW2-S7	8/13/2021	0.5	298	
SW2-S8	8/13/2021	0.5	210	
SW2-F1	8/13/2021	1.0	53.0	F1
SW2-F2	8/13/2021	1.0	272	
SW2-F3	8/13/2021	1.0	436	
SW2-F4	8/13/2021	1.0	364	
SW3				
SW3-S1	8/13/2021	0.5	471	
SW3-S2	8/13/2021	0.5	77.9	
SW3-S3	8/13/2021	0.5	233	
SW3-S4	8/13/2021	0.5	302	
SW3-S5	8/13/2021	0.5	119	
SW3-S6	8/13/2021	0.5	35.0	
SW3-S7	8/13/2021	0.5	30.9	
SW3-S8	8/13/2021	0.5	709	
SW3-F1	8/13/2021	1.0	414	
SW3-F2	8/13/2021	1.0	287	
SW3-F3	8/13/2021	1.0	745	
SW3-F4	8/13/2021	1.0	96.5	F1

ft bgs - feet below ground suface
mg/kg - milligrams per kilogram

F1 - MS and/or MSD recovery exceeds control limits. However, the associated LCS met acceptance criteria.

Exceed 1,000 mg/kg

Updated by: BS 12/2/21
Reviewed by: JB 12/2/21

TABLE 2A
SOIL ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B3A 8/24/2021	SP-B3-B 8/24/2021	SP-B3-C 8/24/2021	SP-B17-A 8/24/2021	SP-B17-B 8/24/2021	SP-B17-C 8/24/2021	SP-SW2-A 8/24/2021	SP-SW2-B 8/24/2021	SP-SW2-C 8/24/2021	SP-SW3-A 8/24/2021	SP-SW3-B 8/24/2021	SP-SW3-C 8/24/2021
Metals 6010B/7471A																		
Antimony	mg/kg	500	--	--	150	--	5.63	3.73	3.10	4.74	8.30	8.74	13.2	16.3	8.79	3.52 F1	4.08	2.74 J
Arsenic	mg/kg	500	100	--	50	--	9.56	5.42	9.25	5.23	7.13	8.16	7.60	6.19	4.58	3.26	2.98	<2.38
Barium	mg/kg	10,000	2,000	--	1,000	--	81.7	68.3	52.4	41.8	98.6	98.7	57.2	43.2	45.0	54.6 F1	66.2	40.6
Beryllium	mg/kg	75	--	--	7.50	--	< 0.290	< 0.244	< 0.252	< 0.276	< 0.243 L	<0.264 L	< 0.260	<0.251	< 0.254	< 0.259	< 0.262	< 2.38
Cadmium	mg/kg	100	20	--	10	--	3.13	3.57	2.24	5.07	3.48	4.87	11.3	10.9	9.98	5.12	5.10	2.46
Chromium, Total	mg/kg	2,500	100	--	50	--	15.3	15.4	10.1	16.5	21.2	25.3	22.7	13.8	12.0	18.3	18.8	11.5
Cobalt	mg/kg	8,000	--	--	800	--	6.74	5.73	4.13	4.88	7.72	8.32	6.91	4.64	4.33	6.42	5.81	4.15
Copper	mg/kg	2,500	--	--	250	--	3000	1060	270	3030	1240	999	1600	4420	308	196	148	206
Coppert STLC	mg/L	--	--	--	--	25	--	34.1	15.5	--	51.1	13.6	--	--	--	--	--	--
Lead	mg/kg	1,000	100	--	50	--	570	529	358	631	673	775	2010	2090	1420	717	729	359
Lead STLC	mg/L	--	--	--	--	5	--	21.9	10.2	--	39.9	20.9	--	--	--	14.8	16.8	13.8
Lead TCLP	mg/L	--	--	5	--	--	0.709	1.6	0.394 J	8.3	0.231 J	5.42	0.846 B	1.20 B	0.802 B	0.324 JB	0.293 J,B	0.159 J,B
Mercury	mg/kg	20	4	--	2	--	0.133	0.334	0.175	0.335	0.214	0.236	0.0368 J	0.0495 J	0.251	0.0638 J	0.0356 J	0.0442 J
Molybdenum	mg/kg	3,500	--	--	3,500	--	2.44	2.38	2.41	2.59	3.99	4.01	3.93	2.89	2.31	4.45	3.82	2.79
Nickel	mg/kg	2,000	--	--	200	--	36.8	21.3	15.9	43.2	32.8	43.6	53.7	53.3	17.4	29.3 F1	24.7	20.6
Selenium	mg/kg	100	20	--	10	--	< 5.80 L	< 4.88	< 5.05	< 5.53	< 4.85 L	< 5.28 L	< 5.21	< 5.03	< 5.08	< 5.18 F1 L	<5.24	< 4.76
Silver	mg/kg	500	100	--	50	--	1.63	0.567 J	0.334 J	1.27	0.780 J	1.20	5.80	6.49	5.78	0.861 J	0.953 J	0.514 J
Thallium	mg/kg	700	--	--	70	--	< 5.80	< 4.88	< 5.05	< 5.53	< 4.85	< 5.28	< 5.21	< 5.03	< 5.08	< 5.18	<5.24	< 4.76
Vanadium	mg/kg	2,400	--	--	240	--	12.4	10.8	6.47	9.33	11.9	14.4	7.77	5.30	7.17	6.56	6.51	3.97
Zinc	mg/kg	5,000	--	--	2,500	--	684	754	331	1590	895	920	1190	1180	788	641	618	424
TPH 8015 B																		
C6 as C6	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	< 5.1	< 4.9	< 4.9	< 5.2	< 9.8	< 25
C7 as C7	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	< 5.1	< 4.9	< 4.9	< 5.2	< 9.8	< 25
C8 as C8	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	< 5.1	< 4.9	< 4.9	< 5.2	< 9.8	< 25
C9-C10	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	< 5.1	< 4.9	< 4.9	< 5.2	< 9.8	< 25
C11-C12	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	6.6	< 25	5.1	< 5.1	< 4.9	< 4.9	< 5.2	< 9.8	< 25
C13-C14	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	< 5.1	7.3	< 4.9	< 5.2	< 9.8	< 25
C15-C16	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	6.5	22	12	< 5.2	< 9.8	< 25
C17-C18	mg/kg	--	--	--	--	--	< 9.8	< 9.4	< 26	< 4.9	< 25	< 5.0	13	38	26	6.6	< 9.8	< 25
C19-C20	mg/kg	--	--	--	--	--	8.1 J	8.5 J	33	5.8	< 25	6.1	20	49	30	32	33	21 J
C21-C22	mg/kg	--	--	--	--	--	12	12	33	7.0	< 25	9.1	21	45	27	25	29	26
C23-C24	mg/kg	--	--	--	--	--	14	12	< 26	5.1	< 25	7.7	20	36	24	13	14	< 25
C25-C28	mg/kg	--	--	--	--	--	39	36	32	12	36	22	55	70	53	31	32	33
C29-C32	mg/kg	--	--	--	--	--	49	47	< 26	< 4.9	< 25	24	62	75	58	43	53	< 25
C33-C36	mg/kg	--	--	--	--	--	35	35	37	8.8	35	17	40	48	44	37	50	65
C37-C40	mg/kg	--	--	--	--	--	22	19	27	3.8 J	< 25	7.9	22	26	25	31	42	58
C41-C44	mg/kg	--	--	--	--	--	7.9 J	<7.2	< 26	< 4.9	< 25	< 5.0	< 5.1	< 4.9	6.9	14	19	27
C6-C44	mg/kg	--	--	--	--	--	180	170	230	58	170	94	250	410	300	230	270	300
Diesel Range Organics [C10-C28]	mg/kg	--	--	--	--	--	74	73	120	39	76	52	130	270	170	110	110	92
VOCs 8260B																		
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,1,1-Trichloroethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.9	< 9.2	< 8.5	< 8.3	< 11	< 11	< 12	< 10	< 12	< 12
1,1,2-Trichloroethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,1-Dichloroethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,1-Dichloroethene	ug/kg	--	14,000	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,1-Dichloropropene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
1,2,3-Trichloropropane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4

TABLE 2A
SOIL ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B3A	SP-B3-B	SP-B3-C	SP-B17-A	SP-B17-B	SP-B17-C	SP-SW2-A	SP-SW2-B	SP-SW2-C	SP-SW3-A	SP-SW3-B	SP-SW3-C
							8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021
1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
1,2,4-Trimethylbenzene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	**0.63 J**	**0.57 J**	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	**11**
1,2-Dibromo-3-Chloropropane	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.9	< 9.2	< 8.5	< 8.3	< 11	< 11	< 12	< 10	< 12	< 12
1,2-Dibromoethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,2-Dichloroethane	ug/kg	--	**10,000**	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,2-Dichloropropane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,3,5-Trimethylbenzene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	**2.6**
1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,3-Dichloropropane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
1,4-Dichlorobenzene	ug/kg	--	**150,000**	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
2,2-Dichloropropane	ug/kg	--	--	--	--	--	< 4.7	< 4.4	< 4.5	< 4.6	< 4.3	< 4.1	< 5.7	< 5.7	< 5.9	< 5.0	< 6.2	< 5.9
2-Butanone	ug/kg	--	--	--	--	--	**7.5 J**	**5.1 J**	**9.7 J**	**7.6 J**	**9.0 J**	**8.1 J**	**6.5 J**	**8.0 J**	**23 J**	**5.1 J**	< 25	**8.6 J**
2-Chlorotoluene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
2-Hexanone	ug/kg	--	--	--	--	--	< 19	< 18	< 18	< 18	< 17	< 17	< 23	< 22	< 24	< 20	< 25	< 24
4-Chlorotoluene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	< 19	< 18	< 18	< 18	< 17	< 17	< 23	< 22	< 24	< 20	< 25	< 24
Acetone	ug/kg	--	--	--	--	--	**81**	**50**	**65**	**60**	**90**	**63**	**46**	**59**	**130**	**61**	**59**	**39**
Benzene	ug/kg	--	**10,000**	--	--	--	**2.1**	**1.6**	**1.6**	**2.2**	**2.0**	**1.1**	**2.4**	**2.7**	**3.0**	**2.5**	**3.1**	**2.9**
Bromobenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Bromochloromethane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Bromodichloromethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Bromoform	ug/kg	--	--	--	--	--	< 4.7	< 4.4	< 4.5	< 4.6	< 4.3	< 4.1	< 5.7	< 5.7	< 5.9	< 5.0	< 6.2	< 5.9
Bromomethane	ug/kg	--	--	--	--	--	< 19	< 18	< 18	< 18	< 17	< 17	< 23	< 22	< 24	< 20	< 25	< 24
cis-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Carbon disulfide	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.8	**0.77 J**	< 0.85	**0.49 J**	< 1.1	< 1.1	< 1.2	< 1.0	**0.77 J**	< 1.2
Carbon tetrachloride	ug/kg	--	**10,000**	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Chlorobenzene	ug/kg	--	**2,000,000**	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	**0.32 J**	< 1.2	< 1.0	< 1.2	< 1.2
Chloroethane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Chloroform	ug/kg	--	**120,000**	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Chloromethane	ug/kg	--	--	--	--	--	< 19	< 18	< 18	< 18	< 17	< 17	< 23	< 22	< 24	< 20	< 25	< 24
Dibromochloromethane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Dibromomethane	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Dichlorodifluoromethane	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Di-isopropyl ether (DIPE)	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Ethanol	ug/kg	--	--	--	--	--	< 240	< 220	< 220	< 230	< 210	< 210	< 280	< 280	< 300	< 250	< 310	< 300
Ethylbenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	**0.42 J**	**0.42 J**	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	**0.36 J**
Ethyl-t-butyl ether (ETBE)	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Isopropylbenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Methylene Chloride	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.9	< 9.2	< 8.5	< 8.3	< 11	< 11	< 12	< 10	< 12	< 12
Methyl-t-Butyl Ether (MTBE)	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Naphthalene	ug/kg	--	--	--	--	--	**6.4 J**	< 8.8	< 8.9	**7.2 J**	**6.5 J**	< 8.3	< 11	< 11	< 12	< 10	< 12	**7.5 J**
n-Butylbenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	**0.55 J**	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	**2**
N-Propylbenzene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
o-Xylene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	**3.8**
m,p-Xylene	ug/kg	--	--	--	--	--	**0.54 J**	< 0.88	< 0.89	**0.91 J**	**0.78 J**	< 0.83	< 1.1	< 1.1	< 1.2	**0.54 J**	**1.1 J**	**2.7**
p-Isopropyltoluene	ug/kg	--	--	--	--	--	**0.68 J**	< 0.88	< 0.89	< 0.92	**6.2**	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
sec-Butylbenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	**1.2**
Styrene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
trans-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4

TABLE 2A
SOIL ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B3A	SP-B3-B	SP-B3-C	SP-B17-A	SP-B17-B	SP-B17-C	SP-SW2-A	SP-SW2-B	SP-SW2-C	SP-SW3-A	SP-SW3-B	SP-SW3-C
							8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021
Tert-amyl-methyl ether (TAME)	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
tert-Butyl alcohol (TBA)	ug/kg	--	--	--	--	--	**7.8 J**	**6.9 J**	**8.6 J**	**32**	**34**	**11 J**	< 23	< 22	**8.7 J**	**16 J**	**13 J**	**13 J**
tert-Butylbenzene	ug/kg	--	--	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Tetrachloroethene	ug/kg	--	14,000	--	--	--	**0.83 J**	**0.66 J**	**0.27 J**	**0.66 J**	**1.0**	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
Toluene	ug/kg	--	--	--	--	--	**1.4**	**1.0 J**	**0.73 J**	**2.0 J**	**2.1**	**0.65 J**	**0.85 J**	**1.1**	**1.1 J**	**1.1**	**1.4**	**1.4**
Trichloroethene	ug/kg	2,040,000	10,000	--	2,040,000	--	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 2.3	< 2.2	< 2.4	< 2.0	< 2.5	< 2.4
Trichlorofluoromethane	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.9	< 9.2	< 8.5	< 8.3	< 11	< 11	< 12	< 10	< 12	< 12
Vinyl acetate	ug/kg	--	--	--	--	--	< 9.5	< 8.8	< 8.9	< 9.2	< 8.5	< 8.3	< 11	< 11	< 12	< 10	< 12	< 12
Vinyl chloride	ug/kg	--	4,000	--	--	--	< 0.95	< 0.88	< 0.89	< 0.92	< 0.85	< 0.83	< 1.1	< 1.1	< 1.2	< 1.0	< 1.2	< 1.2
SOVCs 8270C SIM																		
1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	**0.0075 J**	**0.0078 J**	**0.0076 J**	**0.0088 J**	**0.011**	**0.012**
1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	**0.0033 J**	**0.0037 J**	< 0.010	< 0.010	< 0.010	**0.0022 J**
1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	**0.0049 J**	**0.0060 J**	**0.0036 J**	< 0.010	< 0.010	< 0.010
1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	**0.0022 J**	**0.0033 J**	< 0.010	< 0.010	< 0.010	< 0.010
1,6,7-Trimethylnaphthalene	ug/kg	--	--	--	--	--	**0.016**	**0.058 J**	**0.034**	**0.0094 J**	**0.015 J**	**0.022**	**0.26**	**0.30**	**0.18**	**0.10**	**0.090**	**0.073**
1-Methylnaphthalene	ug/kg	--	--	--	--	--	**0.023**	**0.039 J**	**0.020**	**0.076**	**0.061**	**0.056**	**0.083**	**0.10**	**0.056**	**0.027**	**0.022**	**0.021**
1-Methylphenanthrene	ug/kg	--	--	--	--	--	**0.036**	**0.44**	< 0.020	< 0.020	**0.041**	**0.088**	**0.038**	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
2,4,5-Trichlorophenol	ug/kg	--	8,000,000	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2,4,6-Trichlorophenol	ug/kg	--	4,000	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2,4-Dichlorophenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2,4-Dimethylphenol	ug/kg	--	--	--	--	--	< 0.49	< 0.49	<0.99	< 1.0	< 1.0	<0.98	< 0.50	< 0.49	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrophenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2,4-Dinitrotoluene	ug/kg	--	2,600	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
2,6-Dichlorophenol	ug/kg	--	--	--	--	--	<0.25	<0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	<0.25	< 0.25	< 0.25	< 0.25	< 0.25
2,6-Dimethylnaphthalene	ug/kg	--	--	--	--	--	**0.011**	< 0.0099	< 0.020	< 0.020	< 0.020	**0.016 J**	**0.087**	< 0.0099	**0.054**	**0.024**	**0.018**	< 0.010
2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	**0.0083 J**	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
2-Chloronaphthalene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
2-Chlorophenol	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
2-Methylnaphthalene	ug/kg	--	--	--	--	--	**0.036**	**0.064 J**	**0.030**	**0.13**	**0.11**	**0.088**	**0.10**	**0.13**	**0.067**	**0.029**	**0.021**	**0.022**
2-Methylphenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	**0.0083 J**	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2-Nitroaniline	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
2-Nitrophenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
3,3'-Dichlorobenzidine	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
3/4-Methylphenol	ug/kg	--	--	--	--	--	**0.0061 J**	< 0.0099	< 0.020	< 0.020	**0.017 J**	**0.014 J,B**	**0.0055 J**	**0.0070 J**	< 0.010	**0.0039 J**	< 0.010	< 0.010
3-Nitroaniline	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4,6-Dinitro-2-methylphenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromophenyl phenyl ether	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
4-Chloro-3-methylphenol	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4-Chloroaniline	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4-Chlorophenyl phenyl ether	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
4-Nitroaniline	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4-Nitrophenol	ug/kg	--	--	--	--	--	< 0.49	< 0.49	< 0.99	< 1.0	< 1.0	<0.98	< 0.50	< 0.49	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	ug/kg	--	--	--	--	--	**0.039**	**0.11**	**0.018 J**	**0.0068 J**	**0.021**	**0.026**	**0.0050 J**	< 0.0099	**0.0060 J**	**0.098**	**0.0030 J**	< 0.010
Acenaphthylene	ug/kg	--	--	--	--	--	**0.019**	**0.090 J**	**0.018 J**	**0.0084 J**	**0.051**	**0.051**	< 0.010	**0.0095 J**	< 0.010	< 0.010	< 0.010	< 0.010
Aniline	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	**0.014 J**	**0.043**	**0.086**	**0.047**	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Anthracene	ug/kg	--	--	--	--	--	**0.099**	**0.76**	**0.023**	**0.017 J**	**0.11**	**0.18**	**0.012**	**0.013**	**0.016**	**0.089**	**0.0078 J**	**0.0060 J**
Azobenzene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Benzidine	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	**0.34**	< 0.25	< 0.25
Benzo[a]anthracene	ug/kg	--	--	--	--	--	**0.51**	**1.3**	**0.059**	**0.044**	**0.24**	**1.1**	**0.058**	**0.041**	**0.064**	**0.24**	**0.017**	**0.012**
Benzo[a]pyrene	ug/kg	--	--	--	--	--	**0.61**	**0.42**	**0.054**	**0.044**	**0.23**	**0.99**	**0.072**	**0.037**	**0.061**	**0.19**	**0.015**	**0.0091 J**
Benzo[b]fluoranthene	ug/kg	--	--	--	--	--	**0.53**	**0.52**	**0.070**	**0.055**	**0.26**	**0.87**	**0.11**	**0.073**	**0.095**	**0.18**	**0.025**	**0.020**
Benzo[e]pyrene	ug/kg	--	--	--	--	--	**0.55**	**0.44**	**0.061**	**0.057**	**0.25**	**0.85**	**0.10**	**0.073**	**0.091**	**0.16**	**0.023**	**0.020**

TABLE 2A
SOIL ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B3A	SP-B3-B	SP-B3-C	SP-B17-A	SP-B17-B	SP-B17-C	SP-SW2-A	SP-SW2-B	SP-SW2-C	SP-SW3-A	SP-SW3-B	SP-SW3-C
							8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021
Benzo[g,h,i]perylene	ug/kg	--	--	--	--	--	**0.41**	**0.18**	**0.044**	**0.049**	**0.22**	**0.55**	**0.068**	**0.045**	**0.060**	**0.10**	**0.016**	**0.013**
Benzo[k]fluoranthene	ug/kg	--	--	--	--	--	**0.53**	**0.46**	**0.049**	**0.043**	**0.20**	**0.90**	**0.077**	**0.050**	**0.072**	**0.18**	**0.017**	**0.013**
Benzoic acid	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Benzyl alcohol	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Biphenyl	ug/kg	--	--	--	--	--	**0.017**	**0.036 J**	**0.013 J**	**0.085**	**0.065**	**0.064**	**0.038**	**0.057**	**0.027**	**0.015**	**0.011**	**0.0098 J**
Bis(2-chloroethoxy)methane	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Bis(2-chloroethyl)ether	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
bis (2-Chloroisopropyl) ether	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Bis(2-ethylhexyl) phthalate	ug/kg	--	--	--	--	--	**0.046 J**	< 0.25	< 0.50	**0.14 J**	**0.12 J**	**0.14 J**	< 0.25	< 0.25	**0.028 J**	< 0.25	< 0.25	< 0.25
Butyl benzyl phthalate	ug/kg	--	--	--	--	--	**0.040 J B**	< 0.25	< 0.50	**0.016 J,B**	**0.015 J,B**	**0.014 J,B**	**0.0073 J,B**	**0.0099 J,B**	**0.016 J,B**	< 0.25	< 0.25	< 0.25
Chrysene	ug/kg	--	--	--	--	--	**0.55**	**1.3**	**0.066**	**0.050**	**0.26**	**1.1**	**0.094**	**0.082**	**0.10**	**0.29**	**0.030**	**0.024**
DCPA	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	**0.16**	**0.075 J**	**0.016 J**	**0.012 J**	**0.064**	**0.26**	**0.023**	**0.017**	**0.023**	**0.040**	**0.0061 J**	**0.0054 J**
Dibenzofuran	ug/kg	--	--	--	--	--	**0.022**	**0.10**	**0.015 J**	**0.021**	**0.038**	**0.036**	**0.033 J**	**0.040**	**0.023**	**0.034**	**0.013**	**0.011**
Dibenzothiophene	ug/kg	--	--	--	--	--	< 0.0099	**0.16**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Diethyl phthalate	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Dimethyl phthalate	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	**0.014 J**	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Di-n-butyl phthalate	ug/kg	--	--	--	--	--	< 0.25	**0.065 J,B**	**0.064 J,B**	**0.022 J,B**	**0.028 J,B**	**0.037 J,B**	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Di-n-octyl phthalate	ug/kg	--	--	--	--	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Fluoranthene	ug/kg	--	--	--	--	--	**0.55**	**5.4**	**0.11**	**0.083**	**0.37**	**1.2**	**0.074**	**0.077**	**0.10**	**0.43**	**0.029**	**0.022**
Fluorene	ug/kg	--	--	--	--	--	**0.024**	**0.15**	**0.0066 J**	**0.0056 J**	< 0.020	**0.020**	< 0.010	< 0.0099	< 0.010	**0.021**	< 0.010	< 0.010
Hexachloro-1,3-butadiene	ug/kg	--	**1,000**	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Hexachlorobenzene	ug/kg	--	**2,600.0**	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	**0.0033 J**	**0.0057 J**	**0.0070 J**	< 0.010	< 0.010	< 0.010
Hexachlorocyclopentadiene	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Hexachloroethane	ug/kg	--	**60,000**	--			< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Indeno[1,2,3-cd]pyrene	ug/kg	--	--	--	--	--	**0.37**	**0.16**	**0.037**	**0.038**	**0.17**	**0.54**	**0.056**	**0.037**	**0.050**	**0.096**	**0.012**	**0.0092 J**
Isophorone	ug/kg	--	--	--	--	--	< 0.49	< 0.49	< 0.99	< 1.0	< 1.0	<0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Naphthalene	ug/kg	--	--	--	--	--	**0.086**	**0.16**	**0.046**	**0.49**	**0.29**	**0.31**	**0.090**	**0.12**	**0.060**	**0.032**	**0.023**	**0.021**
Nitrobenzene	ug/kg	--	**40,000**	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
N-Nitrosodimethylamine	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
N-Nitrosodi-n-propylamine	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
N-Nitrosodiphenylamine	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	**0.011 J**	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Pentachlorophenol	ug/kg	**17,000**	**17,000**	--	**17,000**	--	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Perthane	ug/kg	--	--	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010
Perylene	ug/kg	--	--	--	--	--	**0.16**	**0.095 J**	**0.018 J**	**0.016 J**	**0.074**	**0.27**	**0.028**	**0.016**	**0.033**	**0.065**	**0.010**	**0.0056 J**
Phenanthrene	ug/kg	--	--	--	--	--	**0.34**	**2.9**	**0.077**	**0.062**	**0.20**	**0.61**	**0.11**	**0.12**	**0.097**	**0.46**	**0.044**	**0.034**
Phenol	ug/kg	--	--	--	--	--	< 0.0099	**1.3**	**0.28**	**3.4**	**1.9**	**2.3**	< 0.010	**0.017**	**0.053**	**0.028**	**0.010**	< 0.010
Pyrene	ug/kg	--	--	--	--	--	**0.66**	**5.4**	**0.10**	**0.083**	**0.43**	**1.5**	**0.078**	**0.084**	**0.11**	**0.50**	**0.033**	**0.022**
Pyridine	ug/kg	--	**100,000**	--	--	--	< 0.0099	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.010	< 0.0099	< 0.010	< 0.010	< 0.010	< 0.010

TABLE 2A
SOIL ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B3A	SP-B3-B	SP-B3-C	SP-B17-A	SP-B17-B	SP-B17-C	SP-SW2-A	SP-SW2-B	SP-SW2-C	SP-SW3-A	SP-SW3-B	SP-SW3-C
							8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021	8/24/2021
PCBs 8082*,**																		
Aroclor-1016	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
Aroclor-1221	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
Aroclor-1232	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
Aroclor-1242	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
Aroclor-1248	ug/kg	50,000	--	--	50,000	--	**21,000**	**11,000**	**15,000**	**29,000**	**5,700**	**5,900**	**28,000**	**20,000**	**29,000**	**260,000**	**50,000**	**110,000**
Aroclor-1254	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	**6,400**	**6,300**	<53	<50	<50	<500	<500	<500
Aroclor-1260	ug/kg	50,000	--	--	50,000	--	**2,400**	**1,400**	**4,600**	**3,200**	**5,300**	**1,800**	**670**	**680**	**980**	**7,800**	**2,400**	**5,000**
Aroclor-1262	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
Aroclor-1268	ug/kg	50,000	--	--	50,000	--	<500	<500	<500	<500	<500	<500	<53	<50	<50	<500	<500	<500
TOTAL PCBs	ug/kg	50,000	--	--	50,000	--	**24,000**	**11,000**	**16,000**	**26,000**	**17,000**	**14,000**	**28,000**	**20,000**	**29,000**	**280,000**	**50,000**	**120,000**
							STLC (Cu) Cal Haz	STLC (Cu,Pb) Cal Haz	STLC (Pb) Cal Haz	TCLP (Pb) RCRA	STLC (Cu,Pb) Cal Haz	TCLP (Pb) RCRA	STLC (Pb) Cal Haz	STLC (Cu,Pb) Cal Haz	STLC (Cu,Pb) Cal Haz	STLC (Pb)/ TTLC (PCB) Cal Haz TSCA (PCB)	STLC (Pb)/ TTLC (PCB) Cal Haz TSCA (PCB)	STLC (Pb)/ TTLC (PCB) Cal Haz TSCA (PCB)

meets or exceeds TTLC
meets or exceeds 20xTCLP
meets or exceeds 10xSTLC
meets or exceeds TCLP
meets or exceeds STLC

mg/kg - miligrams per kilogram
ug/kg - microgram per kilogram
mg/L - miligrams per liter
<- less than the laboratory reporting limit

Created by: BS 09/21/21
Reviewed by: KB 9/21/21

*PCB samples collected on 9/8/21 (SP-SW2-A1, SP-SW2-B1, SP-SW2-C1)
** PCB samples collected on 9/15/21 (SP-B3-A1, SP-B3-B1, SP-B3-C1/SP-B17-A1, SP-B17-B1, SP-B17-C1/SP-SW3-A1, SP-SW3-21, SP-SW3-C1)

TABLE 2B
EXCAVATION BOTTOM SAMPLE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	UNKBS 8/11/2021
Metals 6010B/7471A							
Antimony	mg/kg	500	--	--	150	--	< 2.99
Arsenic	mg/kg	500	100	--	50	--	< 2.49
Barium	mg/kg	10,000	2,000	--	1,000	--	**28.7**
Beryllium	mg/kg	75	--	--	7.50	--	**0.549**
Cadmium	mg/kg	100	20	--	10	--	**0.636**
Chromium, Total	mg/kg	2,500	100	--	50	--	**4.75**
Cobalt	mg/kg	8,000	--	--	800	--	**1.49**
Copper	mg/kg	2,500	--	--	250	--	**12.9**
Lead	mg/kg	1,000	100	--	50	--	**15.2**
Mercury	mg/kg	20	4	--	2	--	**0.0528**
Molybdenum	mg/kg	3,500	--	--	3,500	--	**1.01**
Nickel	mg/kg	2,000	--	--	200	--	**2.85**
Selenium	mg/kg	100	20	--	10	--	< 4.98
Silver	mg/kg	500	100	--	50	--	< 0.995
Thallium	mg/kg	700	--	--	70	--	< 4.98
Vanadium	mg/kg	2,400	--	--	240	--	**6.7**
Zinc	mg/kg	5,000	--	--	2,500	--	**30.8**
TPH 8015 B							
C6 as C6	mg/kg	--	--	--	--	--	< 5.1
C7 as C7	mg/kg	--	--	--	--	--	< 5.1
C8 as C8	mg/kg	--	--	--	--	--	< 5.1
C9-C10	mg/kg	--	--	--	--	--	< 5.1
C11-C12	mg/kg	--	--	--	--	--	< 5.1
C13-C14	mg/kg	--	--	--	--	--	< 5.1
C15-C16	mg/kg	--	--	--	--	--	< 5.1
C17-C18	mg/kg	--	--	--	--	--	< 5.1
C19-C20	mg/kg	--	--	--	--	--	< 5.1
C21-C22	mg/kg	--	--	--	--	--	< 5.1
C23-C24	mg/kg	--	--	--	--	--	< 5.1
C25-C28	mg/kg	--	--	--	--	--	< 5.1
C29-C32	mg/kg	--	--	--	--	--	< 5.1
C33-C36	mg/kg	--	--	--	--	--	< 5.1
C37-C40	mg/kg	--	--	--	--	--	< 5.1
C41-C44	mg/kg	--	--	--	--	--	< 5.1
C6-C44	mg/kg	--	--	--	--	--	< 5.1
Diesel Range Organics [C10-C28]	mg/kg	--	--	--	--	--	< 5.1
VOCs 8260B							
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 1.1
1,1,1-Trichloroethane	ug/kg	--	--	--	--	--	< 1.1
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 2.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	--	--	--	--	--	< 11
1,1,2-Trichloroethane	ug/kg	--	--	--	--	--	< 1.1
1,1-Dichloroethane	ug/kg	--	--	--	--	--	< 1.1
1,1-Dichloroethene	ug/kg	--	14,000	700	--	--	< 1.1

TABLE 2B
EXCAVATION BOTTOM SAMPLE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	UNKBS 8/11/2021
1,1-Dichloropropene	ug/kg	--	--	--	--	--	< 2.2
1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	< 2.2
1,2,3-Trichloropropane	ug/kg	--	--	--	--	--	< 2.2
1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	< 2.2
1,2,4-Trimethylbenzene	ug/kg	--	--	--	--	--	< 2.2
1,2-Dibromo-3-Chloropropane	ug/kg	--	--	--	--	--	< 11
1,2-Dibromoethane	ug/kg	--	--	--	--	--	< 1.1
1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	< 1.1
1,2-Dichloroethane	ug/kg	--	**10,000**	**500**	--	--	< 1.1
1,2-Dichloropropane	ug/kg	--	--	--	--	--	< 1.1
1,3,5-Trimethylbenzene	ug/kg	--	--	--	--	--	< 2.2
1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	< 1.1
1,3-Dichloropropane	ug/kg	--	--	--	--	--	< 1.1
1,4-Dichlorobenzene	ug/kg	--	**150,000**	**7,500**	--	--	< 1.1
2,2-Dichloropropane	ug/kg	--	--	--	--	--	< 5.4
2-Butanone	ug/kg	--	--	--	--	--	< 22
2-Chlorotoluene	ug/kg	--	--	--	--	--	< 1.1
2-Hexanone	ug/kg	--	--	--	--	--	< 22
4-Chlorotoluene	ug/kg	--	--	--	--	--	< 1.1
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	< 22
Acetone	ug/kg	--	--	--	--	--	**21**
Benzene	ug/kg	--	**10,000**	**500**	--	--	**0.42**
Bromobenzene	ug/kg	--	--	--	--	--	< 1.1
Bromochloromethane	ug/kg	--	--	--	--	--	< 2.2
Bromodichloromethane	ug/kg	--	--	--	--	--	< 1.1
Bromoform	ug/kg	--	--	--	--	--	< 5.4
Bromomethane	ug/kg	--	--	--	--	--	< 22
cis-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 1.1
cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 1.1
Carbon disulfide	ug/kg	--	--	--	--	--	< 11
Carbon tetrachloride	ug/kg	--	**10,000**	**500**	--	--	< 1.1
Chlorobenzene	ug/kg	--	**2,000,000**	**1,000,000**	--	--	< 1.1
Chloroethane	ug/kg	--	--	--	--	--	< 2.2
Chloroform	ug/kg	--	**120,000**	**6,000**	--	--	< 1.1
Chloromethane	ug/kg	--	--	--	--	--	< 22
Dibromochloromethane	ug/kg	--	--	--	--	--	< 2.2
Dibromomethane	ug/kg	--	--	--	--	--	< 1.1
Dichlorodifluoromethane	ug/kg	--	--	--	--	--	< 2.2
Di-isopropyl ether (DIPE)	ug/kg	--	--	--	--	--	< 1.1
Ethanol	ug/kg	--	--	--	--	--	**90**
Ethylbenzene	ug/kg	--	--	--	--	--	< 1.1
Ethyl-t-butyl ether (ETBE)	ug/kg	--	--	--	--	--	< 1.1
Isopropylbenzene	ug/kg	--	--	--	--	--	< 1.1
Methylene Chloride	ug/kg	--	--	--	--	--	< 11
Methyl-t-Butyl Ether (MTBE)	ug/kg	--	--	--	--	--	< 2.2

TABLE 2B
EXCAVATION BOTTOM SAMPLE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	UNKBS 8/11/2021
Naphthalene	ug/kg	--	--	--	--	--	< 11
n-Butylbenzene	ug/kg	--	--	--	--	--	< 1.1
N-Propylbenzene	ug/kg	--	--	--	--	--	< 2.2
o-Xylene	ug/kg	--	--	--	--	--	< 1.1
m,p-Xylene	ug/kg	--	--	--	--	--	< 2.2
p-Isopropyltoluene	ug/kg	--	--	--	--	--	**20**
sec-Butylbenzene	ug/kg	--	--	--	--	--	< 1.1
Styrene	ug/kg	--	--	--	--	--	< 1.1
trans-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 1.1
trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 2.2
Tert-amyl-methyl ether (TAME)	ug/kg	--	--	--	--	--	< 1.1
tert-Butyl alcohol (TBA)	ug/kg	--	--	--	--	--	< 22
tert-Butylbenzene	ug/kg	--	--	--	--	--	< 1.1
Tetrachloroethene	ug/kg	--	**14,000**	**700**	--	--	< 1.1
Toluene	ug/kg	--	--	--	--	--	< 1.1
Trichloroethene	ug/kg	**2,040,000**	**10,000**	**500**	**2,040,000**	**2,040,000**	< 2.2
Trichlorofluoromethane	ug/kg	--	--	--	--	--	< 11
Vinyl acetate	ug/kg	--	--	--	--	--	< 11
Vinyl chloride	ug/kg	--	**4,000**	**200**	--	--	< 1.1
SOVCs 8270							
1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	< 0.49
1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.49
1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.49
1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.49
1-Methylnaphthalene	ug/kg	--	--	--	--	--	< 0.49
2,4,5-Trichlorophenol	ug/kg	--	**8,000,000**	**400,000**	--	--	< 0.49
2,4,6-Trichlorophenol	ug/kg	--	**4,000**	**200**	--	--	< 0.49
2,4-Dichlorophenol	ug/kg	--	--	--	--	--	< 0.49
2,4-Dimethylphenol	ug/kg	--	--	--	--	--	< 0.49
2,4-Dinitrophenol	ug/kg	--	--	--	--	--	<2.0
2,4-Dinitrotoluene	ug/kg	--	**26,000**	**1,300**	--	--	< 0.49
2,6-Dichlorophenol	ug/kg	--	--	--	--	--	< 0.49
2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	< 0.49
2-Chloronaphthalene	ug/kg	--	--	--	--	--	< 0.49
2-Chlorophenol	ug/kg	--	--	--	--	--	< 0.49
2-Methylnaphthalene	ug/kg	--	--	--	--	--	< 0.49
2-Methylphenol	ug/kg	--	--	--	--	--	< 0.49
2-Nitroaniline	ug/kg	--	--	--	--	--	< 0.49
2-Nitrophenol	ug/kg	--	--	--	--	--	< 0.49
3,3'-Dichlorobenzidine	ug/kg	--	--	--	--	--	< 2.5
3/4-Methylphenol	ug/kg	--	--	--	--	--	< 0.99
3-Nitroaniline	ug/kg	--	--	--	--	--	< 0.49
4,6-Dinitro-2-methylphenol	ug/kg	--	--	--	--	--	< 2.5
4-Bromophenyl phenyl ether	ug/kg	--	--	--	--	--	< 0.49
4-Chloro-3-methylphenol	ug/kg	--	--	--	--	--	< 0.49

TABLE 2B
EXCAVATION BOTTOM SAMPLE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	UNKBS 8/11/2021
4-Chloroaniline	ug/kg	--	--	--	--	--	< 0.49
4-Chlorophenyl phenyl ether	ug/kg	--	--	--	--	--	< 0.49
4-Nitroaniline	ug/kg	--	--	--	--	--	< 0.49
4-Nitrophenol	ug/kg	--	--	--	--	--	< 0.49
Acenaphthene	ug/kg	--	--	--	--	--	< 0.49
Acenaphthylene	ug/kg	--	--	--	--	--	< 0.49
Aniline	ug/kg	--	--	--	--	--	< 0.49
Anthracene	ug/kg	--	--	--	--	--	< 0.49
Azobenzene	ug/kg	--	--	--	--	--	< 0.49
Benzidine	ug/kg	--	--	--	--	--	< 4.9
Benzo[a]anthracene	ug/kg	--	--	--	--	--	< 0.49
Benzo[a]pyrene	ug/kg	--	--	--	--	--	< 0.49
Benzo[b]fluoranthene	ug/kg	--	--	--	--	--	< 0.49
Benzo[g,h,i]perylene	ug/kg	--	--	--	--	--	< 0.49
Benzo[k]fluoranthene	ug/kg	--	--	--	--	--	< 0.49
Benzoic acid	ug/kg	--	--	--	--	--	< 2.5
Benzyl alcohol	ug/kg	--	--	--	--	--	< 0.49
Bis(2-chloroethoxy)methane	ug/kg	--	--	--	--	--	< 0.49
Bis(2-chloroethyl)ether	ug/kg	--	--	--	--	--	< 2.5
bis (2-Chloroisopropyl) ether	ug/kg	--	--	--	--	--	< 0.49
Bis(2-ethylhexyl) phthalate	ug/kg	--	--	--	--	--	< 0.49
Butyl benzyl phthalate	ug/kg	--	--	--	--	--	< 0.49
Chrysene	ug/kg	--	--	--	--	--	< 0.49
Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	< 0.49
Dibenzofuran	ug/kg	--	--	--	--	--	< 0.49
Diethyl phthalate	ug/kg	--	--	--	--	--	< 0.49
Dimethyl phthalate	ug/kg	--	--	--	--	--	< 0.49
Di-n-butyl phthalate	ug/kg	--	--	--	--	--	< 0.49
Di-n-octyl phthalate	ug/kg	--	--	--	--	--	< 0.49
Fluoranthene	ug/kg	--	--	--	--	--	< 0.49
Fluorene	ug/kg	--	--	--	--	--	< 0.49
Hexachloro-1,3-butadiene	ug/kg	--	**1,000**	**500**	--	--	< 0.49
Hexachlorobenzene	ug/kg	--	**2,600.0**	**130**	--	--	< 0.49
Hexachlorocyclopentadiene	ug/kg	--	--	--	--	--	<1.5
Hexachloroethane	ug/kg	--	**60,000**	**3,000**			< 0.49
Indeno[1,2,3-cd]pyrene	ug/kg	--	--	--	--	--	< 0.49
Isophorone	ug/kg	--	--	--	--	--	< 0.49
Naphthalene	ug/kg	--	--	--	--	--	< 0.49
Nitrobenzene	ug/kg	--	**40,000**	**2,000**	--	--	<2.0
N-Nitrosodimethylamine	ug/kg	--	--	--	--	--	< 0.49
N-Nitrosodi-n-propylamine	ug/kg	--	--	--	--	--	< 0.49
N-Nitrosodiphenylamine	ug/kg	--	--	--	--	--	< 0.49
Pentachlorophenol	ug/kg	**17,000**	**17,000**	**1,700**	**17,000**	**1,700**	< 2.5
Phenanthrene	ug/kg	--	--	--	--	--	< 0.49
Phenol	ug/kg	--	--	--	--	--	< 0.49

TABLE 2B
EXCAVATION BOTTOM SAMPLE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	UNKBS 8/11/2021
Pyrene	ug/kg	--	--	--	--	--	< 0.49
Pyridine	ug/kg	--	100,000	5,000	--	--	< 0.49
Pesticides 8081							
4,4'-DDD	ug/kg	1,000	--	--	1,000	100	< 5.0
4,4'-DDE	ug/kg	1,000	--	--	1,000	100	< 5.0
4,4'-DDT	ug/kg	1,000	--	--	1,000	100	< 5.0
Aldrin	ug/kg	1,400	--	--	1,400	140	< 5.0
alpha-BHC	ug/kg	--	--	--	--	--	< 5.0
alpha-Chlordane	ug/kg	--	--	--	--	--	< 5.0
beta-BHC	ug/kg	--	--	--	--	--	< 5.0
Chlordane	ug/kg	2,500	600	30	2,500	250	< 25
delta-BHC	ug/kg	--	--	--	--	--	< 5.0
Dieldrin	ug/kg	8,000	--	--	8,000	800.0	< 5.0
Endosulfan I	ug/kg	--	--	--	--	--	< 5.0
Endosulfan II	ug/kg	--	--	--	--	--	< 5.0
Endosulfan sulfate	ug/kg	--	--	--	--	--	< 5.0
Endrin	ug/kg	200	400	20	200	20	< 5.0
Endrin aldehyde	ug/kg	--	--	--	--	--	< 5.0
Endrin ketone	ug/kg	--	--	--	--	--	< 5.0
gamma-Chlordane	ug/kg	--	--	--	--	--	< 5.0
gamma-BHC	ug/kg	--	--	--	--	--	< 5.0
Heptachlor	ug/kg	4,700	160	8	4,700	470	< 5.0
Heptachlor epoxide	ug/kg	--	--	--	--	--	< 5.0
Methoxychlor	ug/kg	100,000	200,000	10,000	100,000	10,000	< 5.0
Toxaphene	ug/kg	5,000	10,000	500	5,000	500	< 25
PCBs 8082							
Aroclor-1016	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1221	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1232	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1242	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1248	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1254	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1260	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1262	ug/kg	50,000	--	--	50,000	--	< 50
Aroclor-1268	ug/kg	50,000	--	--	50,000	--	< 50

mg/kg - miligrams per kilogram
ug/kg - microgram per kilogram
mg/L - miligrams per liter
<- less than the laboratory reporting limit

Created by: BS 09/2/21
Reviewed by: LL 9/10/21

TABLE 2C
CONCRETE ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-CONC-A 8/27/2021	SP-CONC-B 9/1/2021	SP-CONC-C 9/1/2021	SP-CONC-D 9/1/2021	SP-CONC-E 9/1/2021	SP-CONC-F 9/1/2021
Metals 6010B/7471A												
Antimony	mg/kg	500	--	--	150	--	**3.9**	<2.8	<2.9	<2.7	<2.5	<2.7
Arsenic	mg/kg	500	100	--	50	--	**110**	**5.1**	**4.1**	**6.1**	**6.1**	**5.4**
Arsenic TCLP	mg/L	--	--	5	--	--	<0.030	--	--	--	--	--
Arsenic STLC	mg/L	--	--	--	--	5	<0.030	--	--	--	--	--
Barium	mg/kg	10,000	2,000	--	1,000	--	**130**	**78**	**68**	**70**	**79**	**93**
Beryllium	mg/kg	75	--	--	7.50	--	**0.49**	<0.46	<0.49	<0.45	<0.42	**0.45**
Cadmium	mg/kg	100	20	--	10	--	<0.46	<0.46	<0.49	<0.45	<0.42	<0.45
Chromium, Total	mg/kg	2,500	100	--	50	--	**30**	**18**	**17**	**15**	**21**	**25**
Cobalt	mg/kg	8,000	--	--	800	--	**5.4**	**4.4**	**4.0**	**3.6**	**5.2**	**4.5**
Copper	mg/kg	2,500	--	--	250	--	**42**	**17**	**13**	**13**	**12**	**14**
Lead	mg/kg	1,000	100	--	50	--	**23**	**17**	**14**	**15**	**16**	**16**
Mercury	mg/kg	20	4	--	2	--	<0.14	<0.14	<0.15	<0.17	<0.16	<0.14
Molybdenum	mg/kg	3,500	--	--	3,500	--	<0.93	<0.92	<0.97	<0.91	<0.85	<0.90
Nickel	mg/kg	2,000	--	--	200	--	**9.9**	**7.2**	**6.2**	**5.7**	**7.4**	**7.8**
Selenium	mg/kg	100	20	--	10	--	<2.8	<2.8	<2.9	<2.7	<2.5	<2.7
Silver	mg/kg	500	100	--	50	--	<0.46	<0.46	<0.49	<0.45	<0.42	<0.45
Thallium	mg/kg	700	--	--	70	--	<2.8	<2.8	<2.9	<2.7	<2.5	<2.7
Vanadium	mg/kg	2,400	--	--	240	--	**34**	**28**	**25**	**22**	**27**	**30**
Zinc	mg/kg	5,000	--	--	2,500	--	**160**	**35**	**30**	**32**	**34**	**35**
TPH 8015 M												
DRO C10-C28	mg/kg	--	--	--	--	--	<10	<10	<10	<10	<10	<10
GRO C8-C10	mg/kg	--	--	--	--	--	<10	<10	<10	<10	<10	<10
ORO C28-C44	mg/kg	--	--	--	--	--	<20	<20	<20	<20	<20	<20
PCBs 8082												
Aroclor-1016	ug/kg	50,000	--	--	50,000	--	<100	<100	<100	<100	<100	<100
Aroclor-1221	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1232	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1242	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1248	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1254	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1260	ug/kg	50,000	--	--	50,000	--	**84**	<50	<50	<50	<50	<50
Aroclor-1262	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50
Aroclor-1268	ug/kg	50,000	--	--	50,000	--	<50	<50	<50	<50	<50	<50

meets or exceeds TTLC
meets or exceeds 20xTCLP/TCLP
meets or exceeds 10xSTLC/ STLC

mg/kg - miligrams per kilogram
ug/kg - microgram per kilogram
mg/L - miligrams per liter
<- less than the laboratory reporting limit

Created by: BS 9/3/21
Reviewed by: BS 9/7/21

TABLE 2D
REFRACTORY BRICK ANALYTICAL RESULTS - WASTE CHARACTERIZATION
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	REF B-1 8/27/2021
Metals 6010B/7471A							
Antimony	mg/kg	**500**	--	--	**150**	--	<2.7
Arsenic	mg/kg	**500**	**100**	--	**50**	--	<0.89
Barium	mg/kg	**10,000**	**2,000**	--	**1,000**	--	**27**
Beryllium	mg/kg	**75**	--	--	**7.50**	--	<0.45
Cadmium	mg/kg	**100**	**20**	--	**10**	--	<0.45
Chromium, Total	mg/kg	**2,500**	**100**	--	**50**	--	**5.3**
Cobalt	mg/kg	**8,000**	--	--	**800**	--	<0.45
Copper	mg/kg	**2,500**	--	--	**250**	--	**26**
Lead	mg/kg	**1,000**	**100**	--	**50**	--	**4.2**
Mercury	mg/kg	**20**	**4**	--	**2**	--	<0.15
Molybdenum	mg/kg	**3,500**	--	--	**3,500**	--	<0.89
Nickel	mg/kg	**2,000**	--	--	**200**	--	**2.0**
Selenium	mg/kg	**100**	**20**	--	**10**	--	<2.7
Silver	mg/kg	**500**	**100**	--	**50**	--	<0.45
Thallium	mg/kg	**700**	--	--	**70**	--	<2.7
Vanadium	mg/kg	**2,400**	--	--	**240**	--	**2.1**
Zinc	mg/kg	**5,000**	--	--	**2,500**	--	**28**

mg/kg - miligrams per kilogram
ug/kg - microgram per kilogram
mg/L - miligrams per liter
<- less than the laboratory reporting limit

Created by: BS 09/2/21
Reviewed by: BS 9/3/21

TABLE 2E
VIRGIN QUARRY BASE MATERIAL ANALYTICAL RESULTS
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B
Metals 6010B/7471A							8/24/2021
Antimony	mg/kg	**500**	--	--	**150**	--	<3.09
Arsenic	mg/kg	**500**	**100**	--	**50**	--	<2.57
Barium	mg/kg	**10,000**	**2,000**	--	**1,000**	--	**36.0**
Beryllium	mg/kg	**75**	--	--	**7.50**	--	<0.257
Cadmium	mg/kg	**100**	**20**	--	**10**	--	**0.565**
Chromium, Total	mg/kg	**2,500**	**100**	--	**50**	--	**7.65**
Cobalt	mg/kg	**8,000**	--	--	**800**	--	**4.72**
Copper	mg/kg	**2,500**	--	--	**250**	--	**6.06**
Lead	mg/kg	**1,000**	**100**	--	**50**	--	**7.94**
Mercury	mg/kg	**20**	**4**	--	**2**	--	<0.0833
Molybdenum	mg/kg	**3,500**	--	--	**3,500**	--	**0.750**
Nickel	mg/kg	**2,000**	--	--	**200**	--	**3.18**
Selenium	mg/kg	**100**	**20**	--	**10**	--	<5.15
Silver	mg/kg	**500**	**100**	--	**50**	--	<1.03
Thallium	mg/kg	**700**	--	--	**70**	--	<5.15
Vanadium	mg/kg	**2,400**	--	--	**240**	--	**13.0**
Zinc	mg/kg	**5,000**	--	--	**2,500**	--	**24.3**
TPH 8015 B							
C6 as C6	mg/kg	--	--	--	--	--	<5.1
C7 as C7	mg/kg	--	--	--	--	--	<5.1
C8 as C8	mg/kg	--	--	--	--	--	<5.1
C9-C10	mg/kg	--	--	--	--	--	<5.1
C11-C12	mg/kg	--	--	--	--	--	<5.1
C13-C14	mg/kg	--	--	--	--	--	<5.1
C15-C16	mg/kg	--	--	--	--	--	<5.1
C17-C18	mg/kg	--	--	--	--	--	<5.1
C19-C20	mg/kg	--	--	--	--	--	<5.1
C21-C22	mg/kg	--	--	--	--	--	**4.4 J**
C23-C24	mg/kg	--	--	--	--	--	<5.1
C25-C28	mg/kg	--	--	--	--	--	<5.1
C29-C32	mg/kg	--	--	--	--	--	<5.1
C33-C36	mg/kg	--	--	--	--	--	<5.1
C37-C40	mg/kg	--	--	--	--	--	<5.1
C41-C44	mg/kg	--	--	--	--	--	<5.1
C6-C44	mg/kg	--	--	--	--	--	**16**
Diesel Range Organics [C10-C28]	mg/kg	--	--	--	--	--	**12**
VOCs 8260B							
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 0.99
1,1,1-Trichloroethane	ug/kg	--	--	--	--	--	< 0.99
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	< 2.0

TABLE 2E
VIRGIN QUARRY BASE MATERIAL ANALYTICAL RESULTS
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	--	--	--	--	--	< 9.9
1,1,2-Trichloroethane	ug/kg	--	--	--	--	--	< 0.99
1,1-Dichloroethane	ug/kg	--	--	--	--	--	< 0.99
1,1-Dichloroethene	ug/kg	--	**14,000**	**700**	--	--	< 0.99
1,1-Dichloropropene	ug/kg	--	--	--	--	--	< 2.0
1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	< 2.0
1,2,3-Trichloropropane	ug/kg	--	--	--	--	--	< 2.0
1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	< 2.0
1,2,4-Trimethylbenzene	ug/kg	--	--	--	--	--	< 2.0
1,2-Dibromo-3-Chloropropane	ug/kg	--	--	--	--	--	< 9.9
1,2-Dibromoethane	ug/kg	--	--	--	--	--	< 0.99
1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.99
1,2-Dichloroethane	ug/kg	--	**10,000**	**500**	--	--	< 0.99
1,2-Dichloropropane	ug/kg	--	--	--	--	--	< 0.99
1,3,5-Trimethylbenzene	ug/kg	--	--	--	--	--	< 2.0
1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	< 0.99
1,3-Dichloropropane	ug/kg	--	--	--	--	--	< 0.99
1,4-Dichlorobenzene	ug/kg	--	**150,000**	**750**	--	--	< 0.99
2,2-Dichloropropane	ug/kg	--	--	--	--	--	< 5.0
2-Butanone	ug/kg	--	--	--	--	--	< 20
2-Chlorotoluene	ug/kg	--	--	--	--	--	< 0.99
2-Hexanone	ug/kg	--	--	--	--	--	< 20
4-Chlorotoluene	ug/kg	--	--	--	--	--	< 0.99
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	< 20
Acetone	ug/kg	--	--	--	--	--	< 20
Benzene	ug/kg	--	**10,000**	**500**	--	--	< 0.99
Bromobenzene	ug/kg	--	--	--	--	--	< 0.99
Bromochloromethane	ug/kg	--	--	--	--	--	< 2.0
Bromodichloromethane	ug/kg	--	--	--	--	--	< 0.99
Bromoform	ug/kg	--	--	--	--	--	< 5.0
Bromomethane	ug/kg	--	--	--	--	--	< 20
cis-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 0.99
cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 0.99
Carbon disulfide	ug/kg	--	--	--	--	--	< 9.9
Carbon tetrachloride	ug/kg	--	**10,000**	**500**	--	--	< 0.99
Chlorobenzene	ug/kg	--	**2,000,000**	**100,000**	--	--	< 0.99
Chloroethane	ug/kg	--	--	--	--	--	< 2.0
Chloroform	ug/kg	--	**120,000**	**6,000**	--	--	< 0.99
Chloromethane	ug/kg	--	--	--	--	--	< 20
Dibromochloromethane	ug/kg	--	--	--	--	--	< 2.0
Dibromomethane	ug/kg	--	--	--	--	--	< 0.99
Dichlorodifluoromethane	ug/kg	--	--	--	--	--	< 2.0

TABLE 2E
VIRGIN QUARRY BASE MATERIAL ANALYTICAL RESULTS
CLOW VALVE
CORRECTIVE MEASURES IMPLEMENTATION

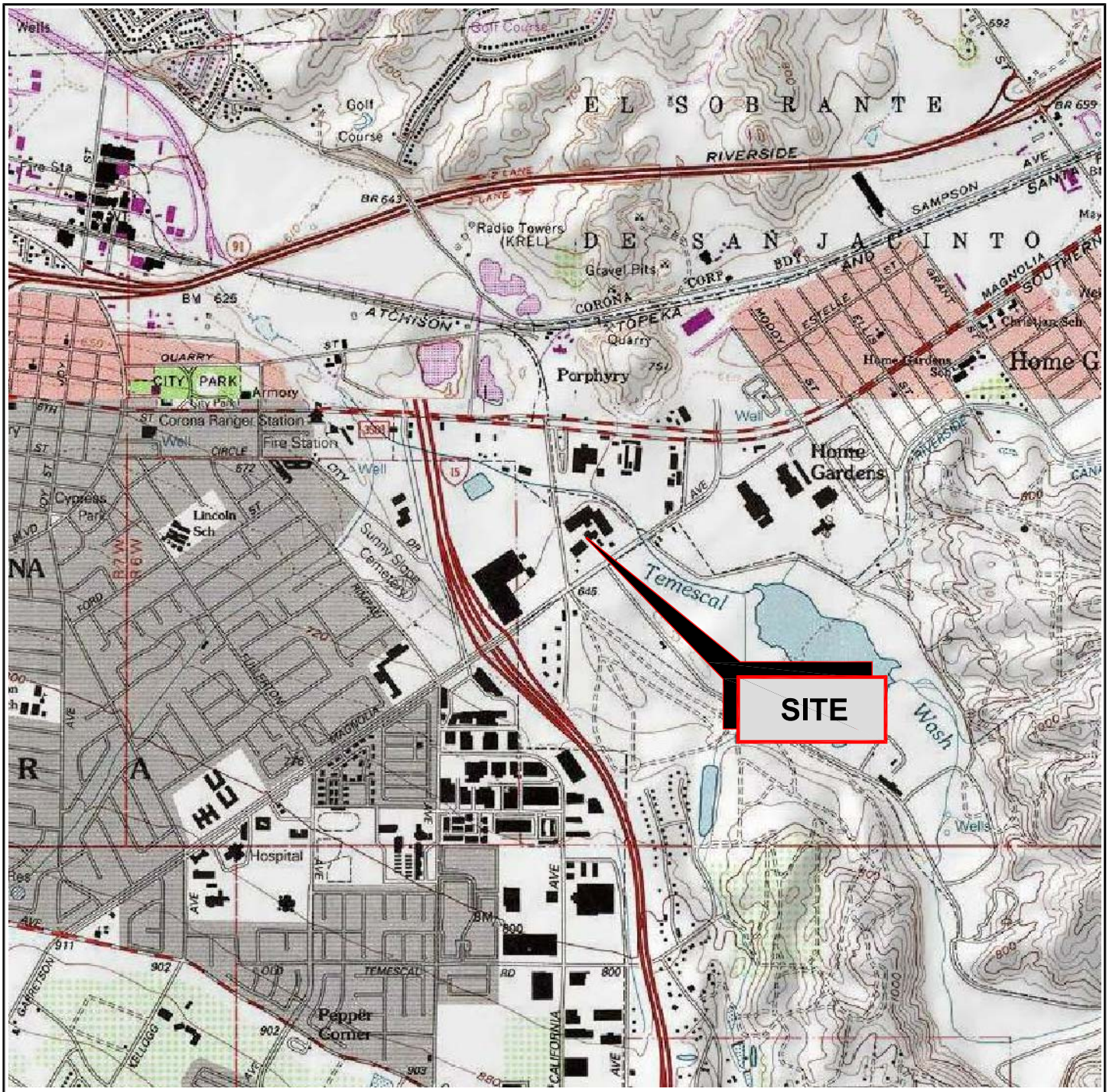
Analyte	Unit	TTLC (mg/kg)	20xTCLP (mg/kg)	TCLP (mg/L)	10xSTLC (mg/kg)	STLC (mg/L)	SP-B
Di-isopropyl ether (DIPE)	ug/kg	--	--	--	--	--	< 0.99
Ethanol	ug/kg	--	--	--	--	--	< 250
Ethylbenzene	ug/kg	--	--	--	--	--	< 0.99
Ethyl-t-butyl ether (ETBE)	ug/kg	--	--	--	--	--	< 0.99
Isopropylbenzene	ug/kg	--	--	--	--	--	< 0.99
Methylene Chloride	ug/kg	--	--	--	--	--	< 9.9
Methyl-t-Butyl Ether (MTBE)	ug/kg	--	--	--	--	--	< 2.0
Naphthalene	ug/kg	--	--	--	--	--	< 9.9
n-Butylbenzene	ug/kg	--	--	--	--	--	< 0.99
N-Propylbenzene	ug/kg	--	--	--	--	--	< 2.0
o-Xylene	ug/kg	--	--	--	--	--	< 0.99
m,p-Xylene	ug/kg	--	--	--	--	--	< 2.0
p-Isopropyltoluene	ug/kg	--	--	--	--	--	< 0.99
sec-Butylbenzene	ug/kg	--	--	--	--	--	< 0.99
Styrene	ug/kg	--	--	--	--	--	< 0.99
trans-1,2-Dichloroethene	ug/kg	--	--	--	--	--	< 0.99
trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	< 2.0
Tert-amyl-methyl ether (TAME)	ug/kg	--	--	--	--	--	< 0.99
tert-Butyl alcohol (TBA)	ug/kg	--	--	--	--	--	< 20
tert-Butylbenzene	ug/kg	--	--	--	--	--	< 0.99
Tetrachloroethene	ug/kg	--	**14,000**	**700**	--	--	< 0.99
Toluene	ug/kg	--	--	--	--	--	< 2.0
Trichloroethene	ug/kg	**2,040,000**	**10,000**	**500**	**2,040,000**	**204,000**	< 2.0
Trichlorofluoromethane	ug/kg	--	--	--	--	--	< 9.9
Vinyl acetate	ug/kg	--	--	--	--	--	< 9.9
Vinyl chloride	ug/kg	--	**4,000**	**200**	--	--	< 0.99

meets or exceeds TTLC
meets or exceeds 20xTCLP/TCLP
meets or exceeds 10xSTLC/ STLC

Created by: BS 9/3/21
Reviewed by: LL 9/10/21

mg/kg - miligrams per kilogram
ug/kg - microgram per kilogram
mg/L - miligrams per liter
<- less than the laboratory reporting limit

APPENDIX A



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

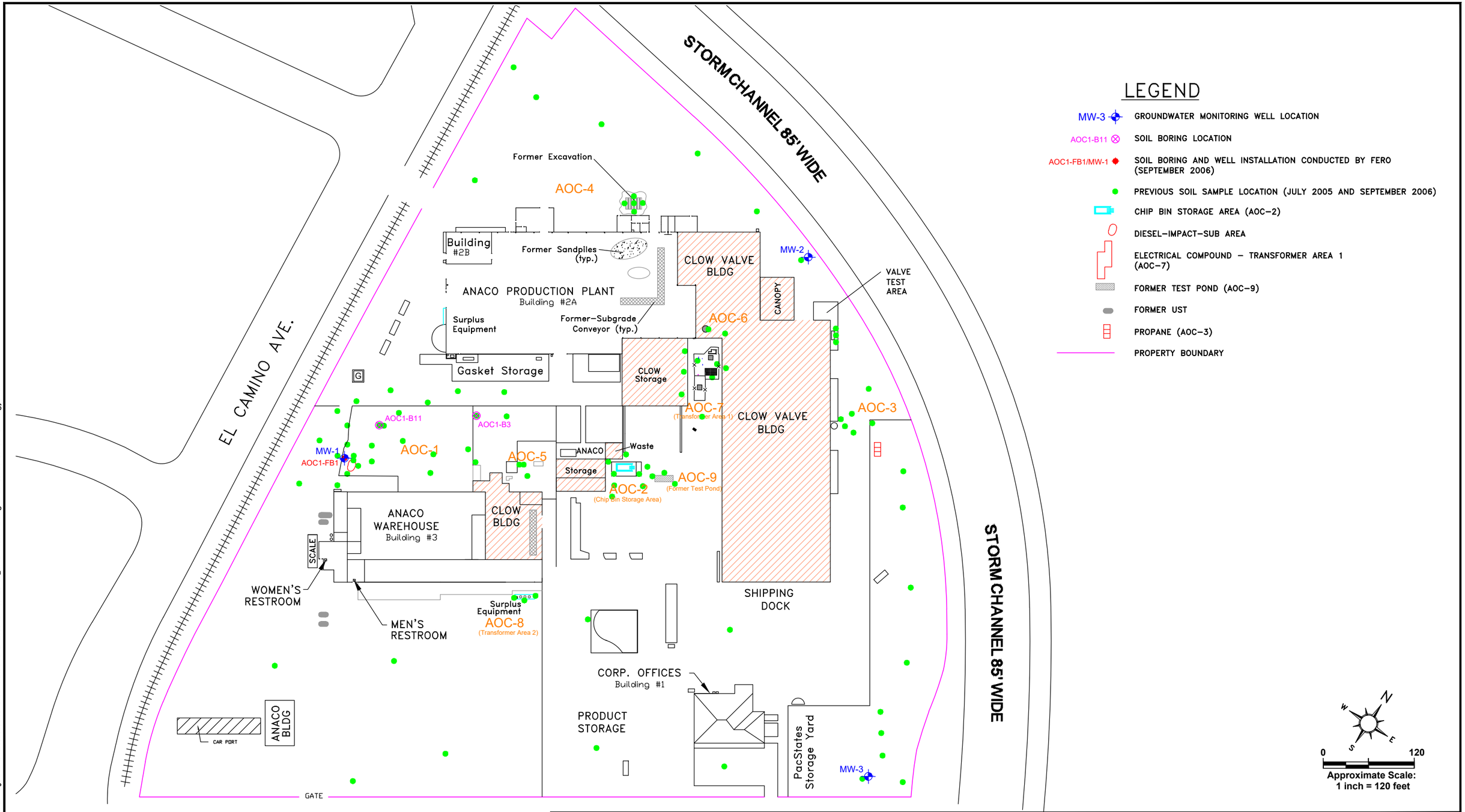
PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP



CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

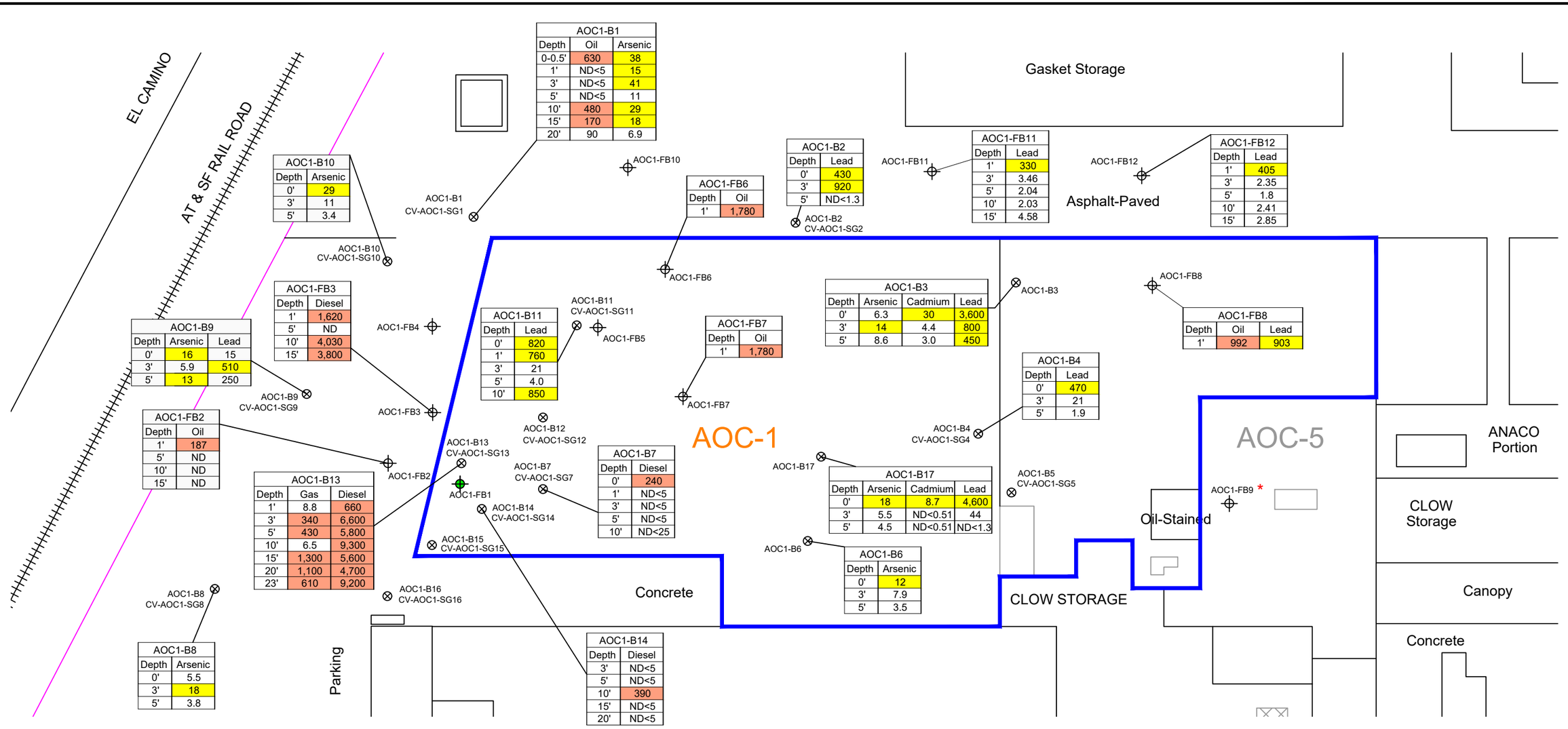
PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

SITE PLAN

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/21/19	2

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-21-19_Site Plan F2.dwg (F2) 10/21/19 15:40 - kgvawall



LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1-FB9
- PROPOSED AREA OF CAPPING AT AOC-1 (UNPAVED)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. November 2015. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
(3) = OEHHA CHHSL (September 2009)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Lead	--	320 (3)

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

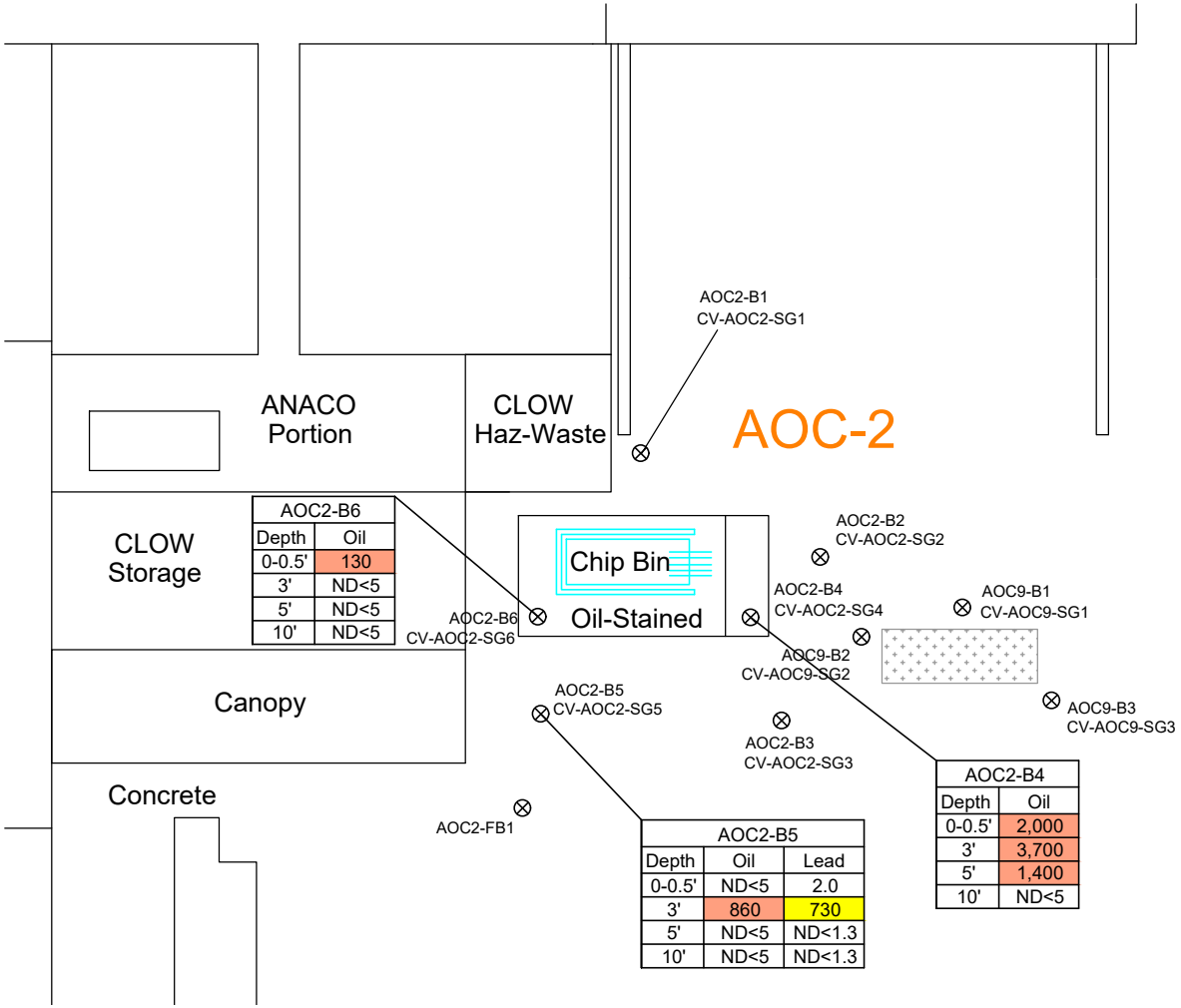
PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC1 - RAIL SPUR AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD2020\SP 03-26-20_F3A.dwg (3A(ADC)) 03/26/20 09:06 - kgvawall



AOC2-B6	
Depth	Oil
0-0.5'	130
3'	ND<5
5'	ND<5
10'	ND<5

AOC2-B5		
Depth	Oil	Lead
0-0.5'	ND<5	2.0
3'	860	730
5'	ND<5	ND<1.3
10'	ND<5	ND<1.3

AOC2-B4	
Depth	Oil
0-0.5'	2,000
3'	3,700
5'	1,400
10'	ND<5

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

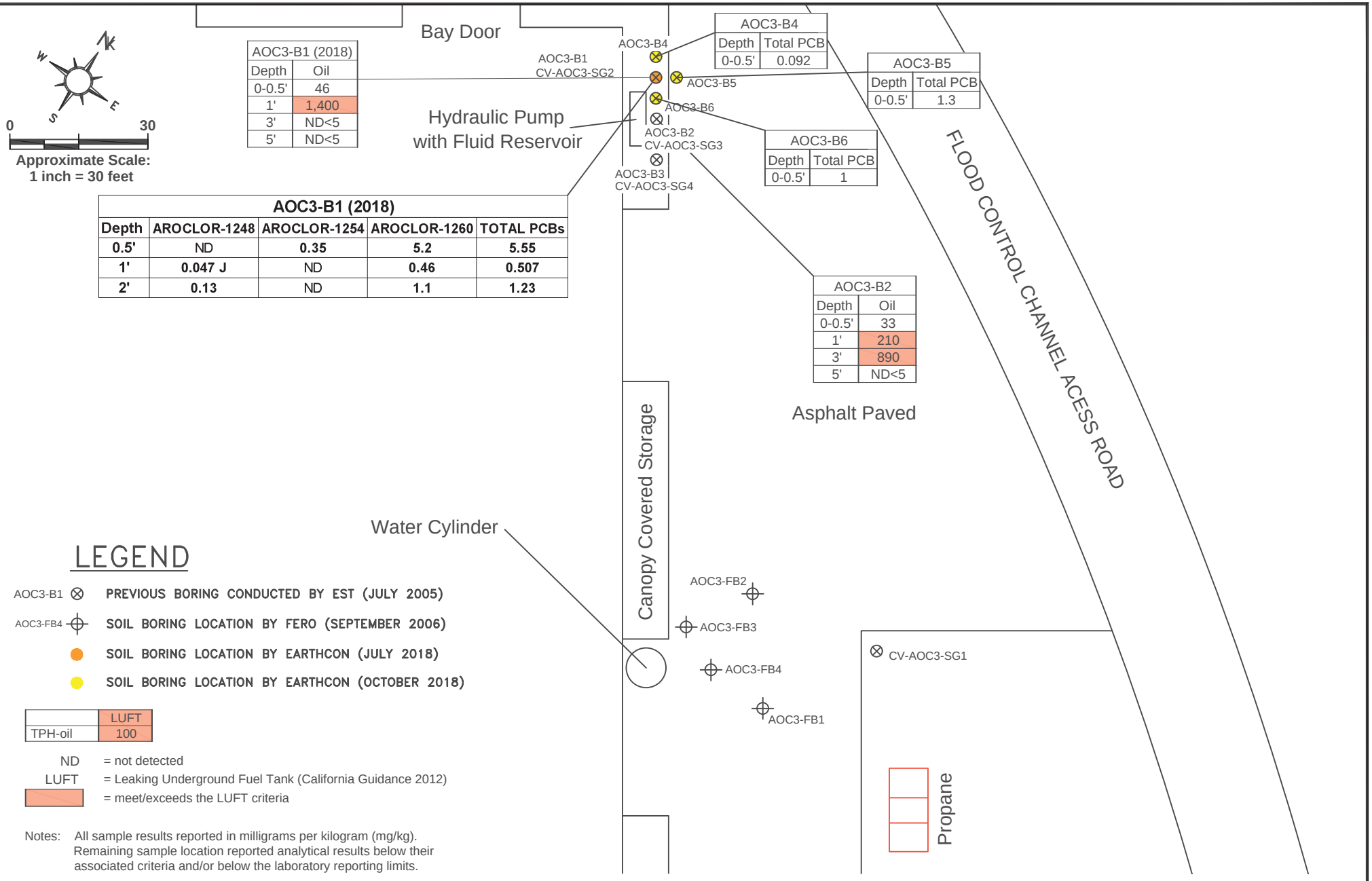
EARTHCON®

EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 2 - CHIP BIN AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3B

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3B (AOC 2)) 10/18/19 10:44 - kgyawali



AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC3-FB4 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

1375 MAGNOLIA AVENUE

CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®

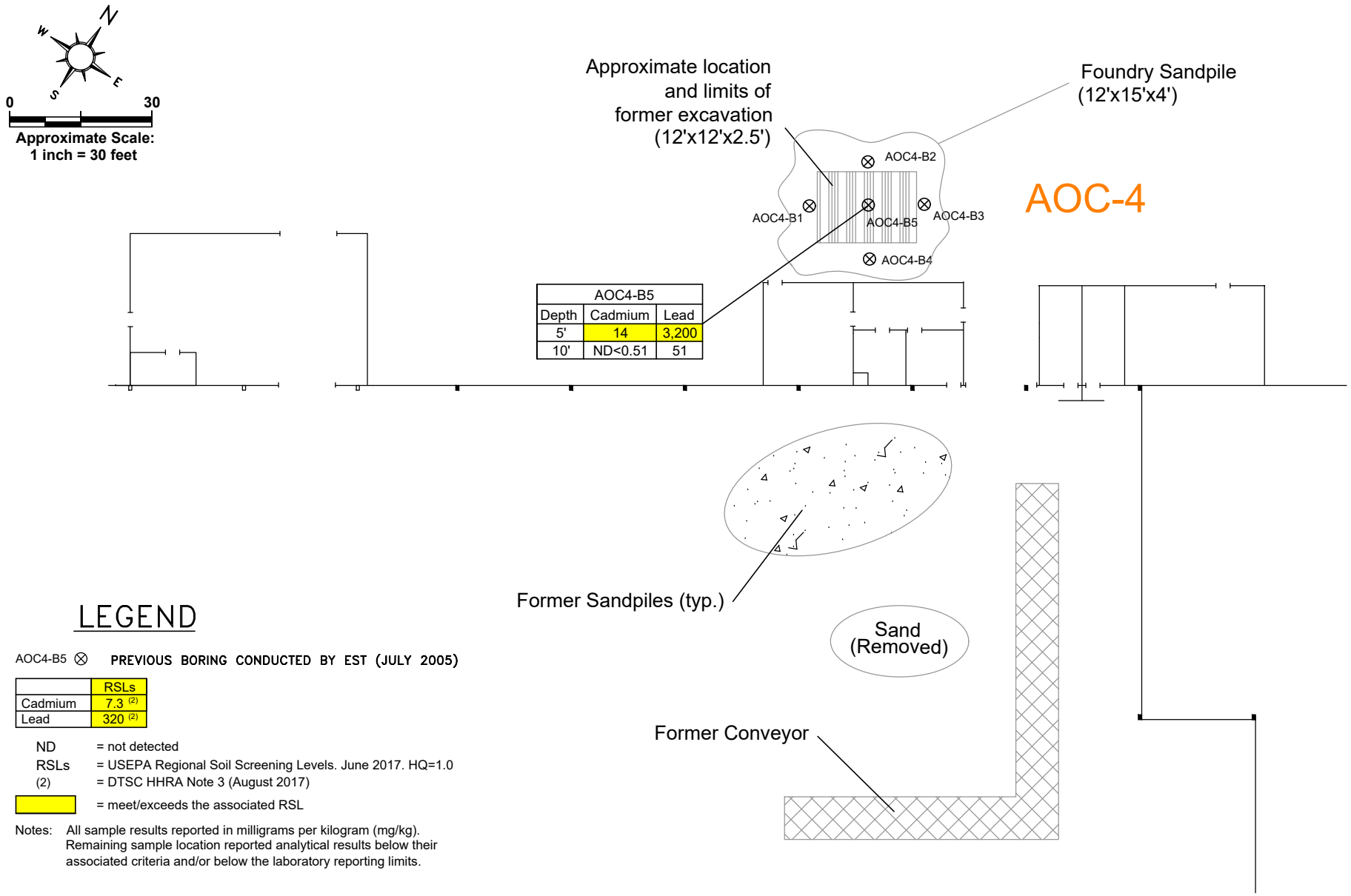
EARTHCON CONSULTANTS CA, INC

1500 SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 3 - WATER PRESSURE TEST AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KNB	JB	03/05/2019	3C

FILENAME:S:\Common\OrangeCADProJects\04.20150013.00-Clow Valve\SP 03-26-18_F3C_3E_3F AND 3H_3I_PCB SAMPLING_08-23-2018.dwg (3C (AOC 3)) 03/05/19 13:57 - kbarfield



LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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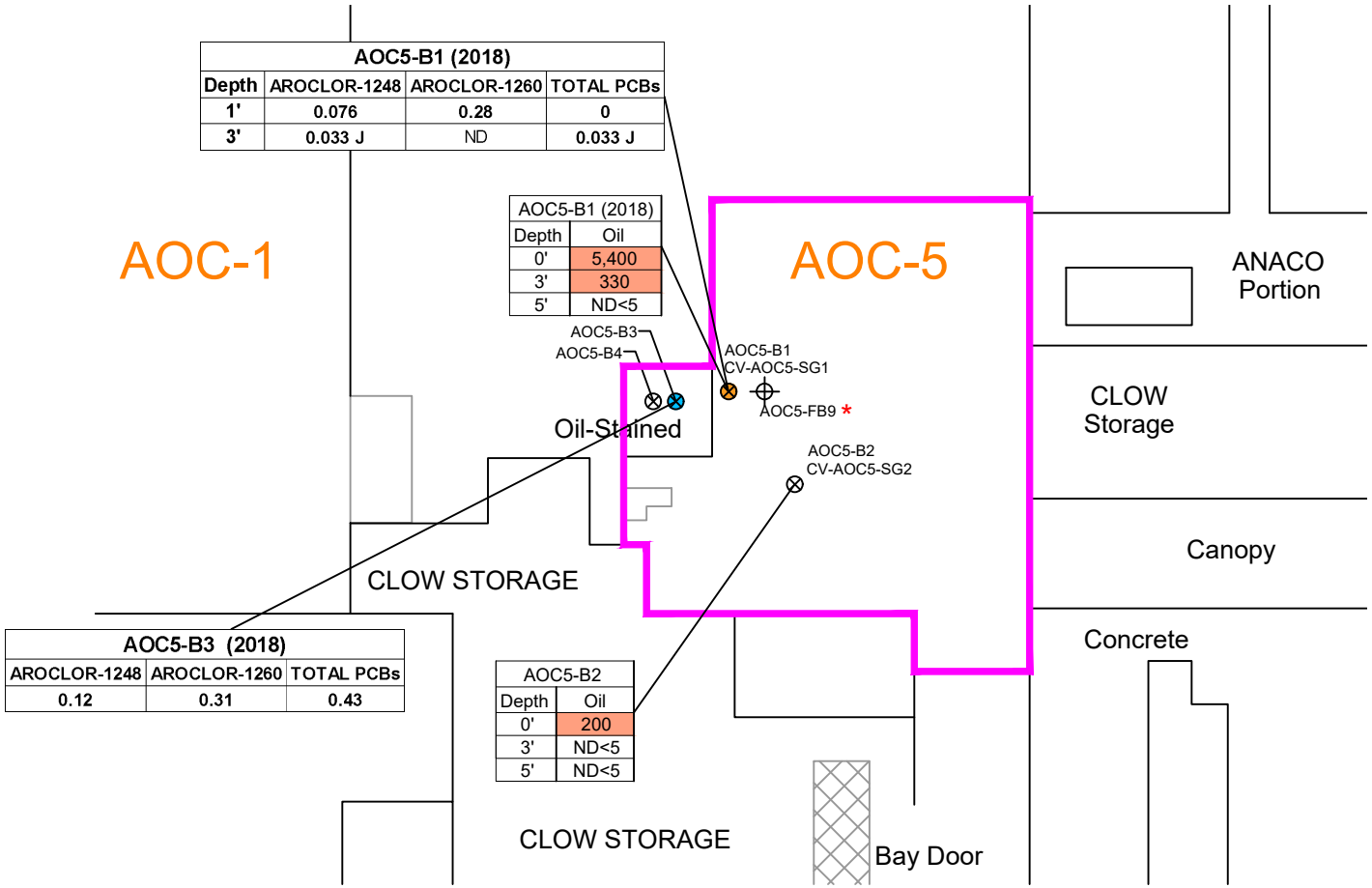
AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3D

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3D (AOC 4)) 10/18/19 10:44 - kgyawali



LEGEND

- AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- ● SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- ● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)
- * ORIGINALLY IDENTIFIED AS AOC1-FB9

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

= Proposed Area of Capping at AOC- 5 (Primarily Unpaved)

	LUFT
TPH-oil	100

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale:
1 inch = 30 feet

CLOW VALVE

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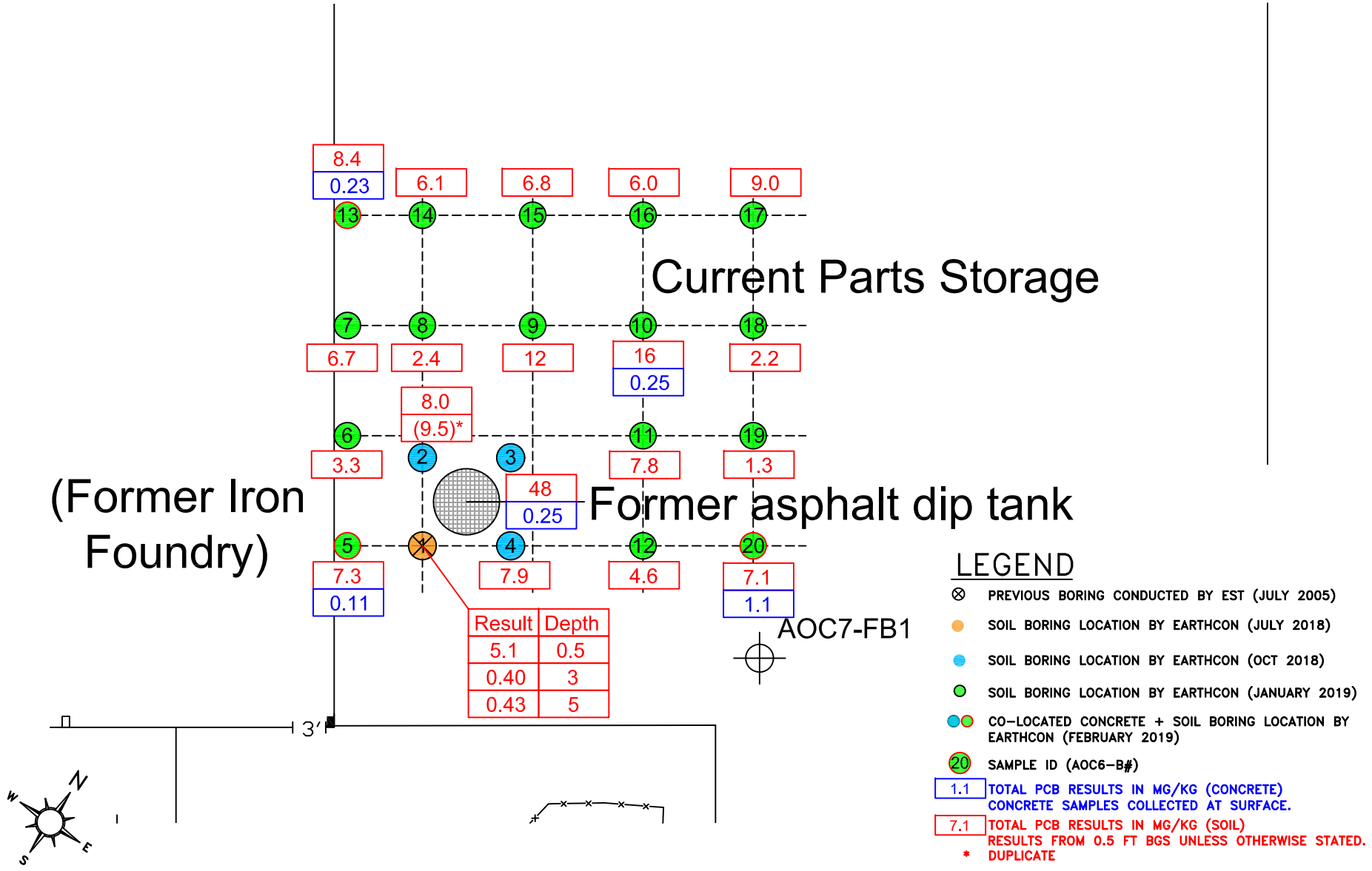
AOC 5 - OIL STAINED PAD AREA
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3E

FILENAME:S:\Common\DrongeCADProjects\04.20150013.00-Clow Valve\CAD2020\SP 03-26-20_F3EFHI.dwg (3E (AOC 5)) 03/26/20 09:19 - kgyawall



CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO.04.20150013.17

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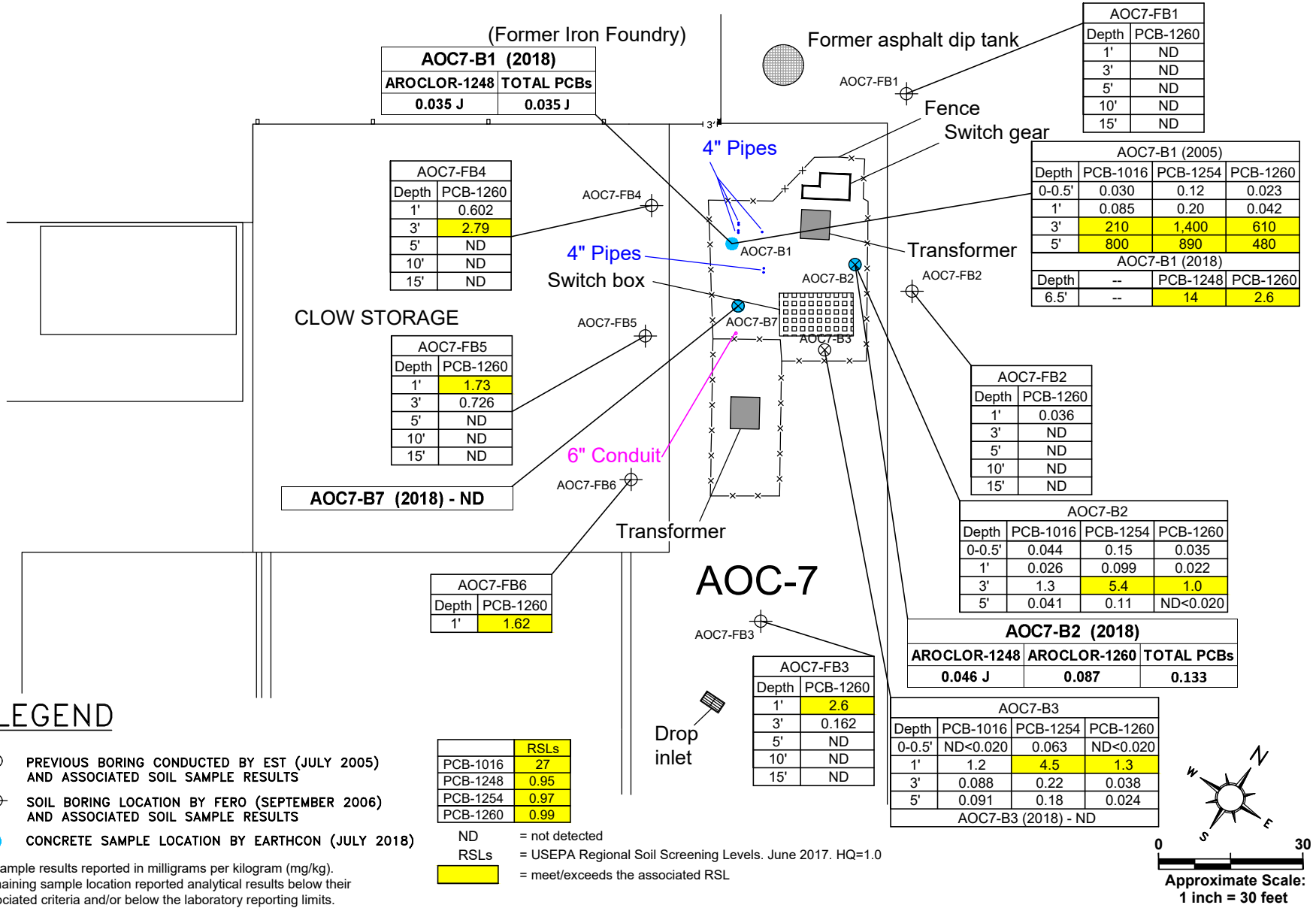
AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3F

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3F (AOC6 NEW)) 05/11/21 11:08 - kgyawall



AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

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PROJECT NO. 04.20150013.00

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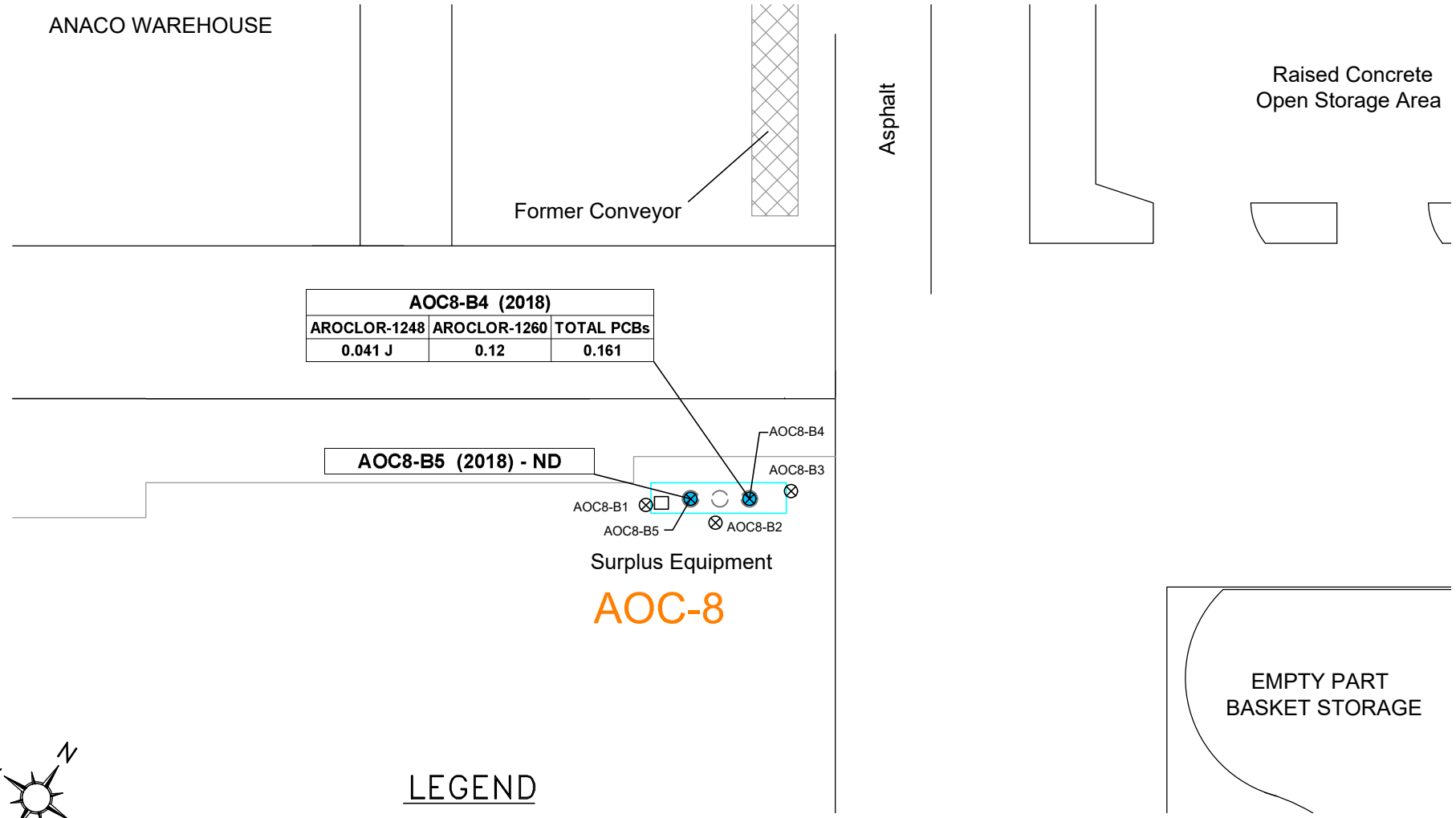
AOC 7 - TRANSFORMER AREA 1

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3G

FILENAME: S:\Common\Projects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19-3G.dwg (AOC7 3G) 10/18/19 10:29 - kgvawell



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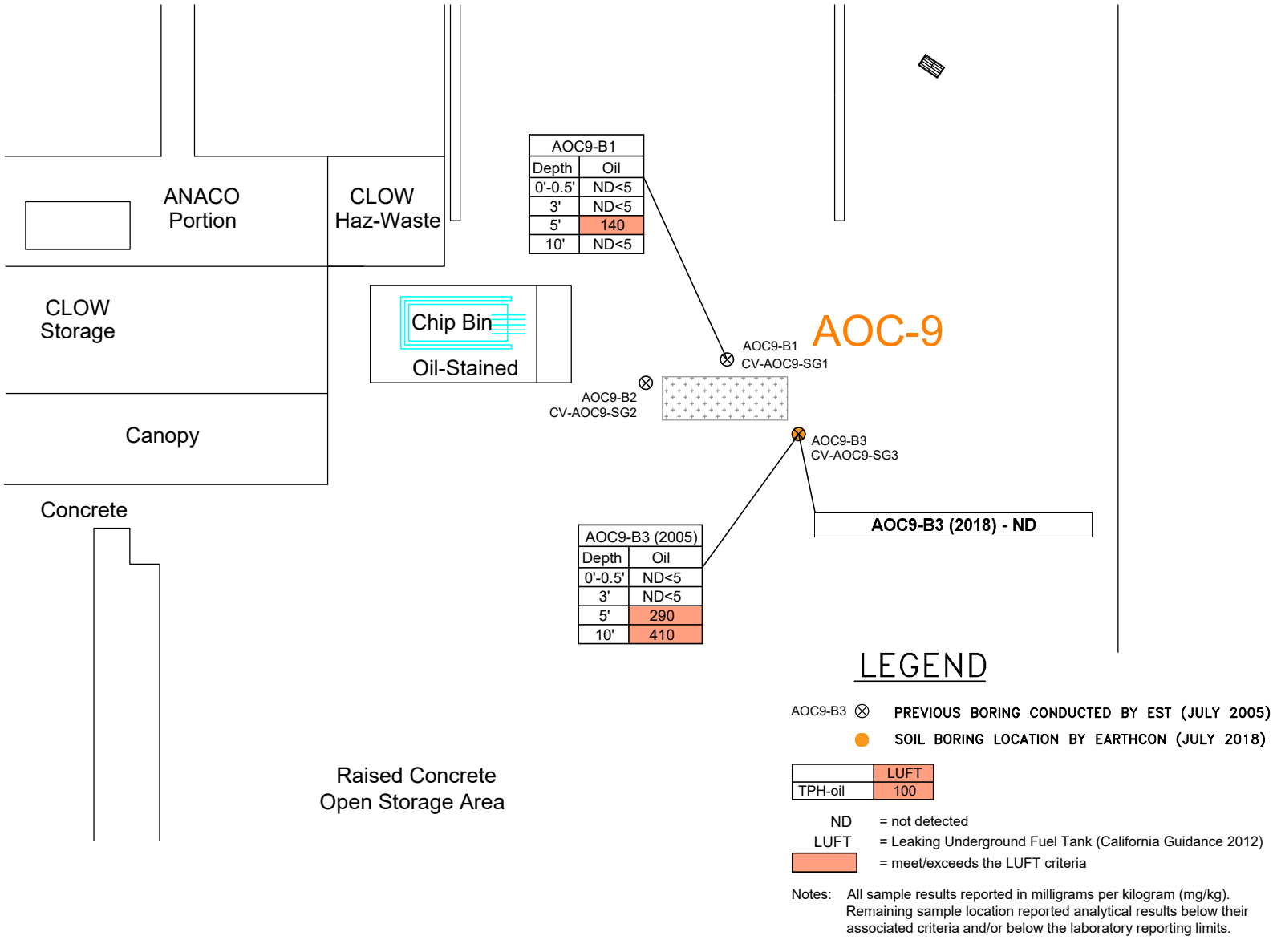
AOC 8 - TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3H

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3H (ADC8)) 10/21/19 13:24 - kgyawali



CLOW VALVE

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AOC 9 - FORMER TEST POND
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3I

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3I (AOC9)) 10/18/19 10:47 - kgyawall

SW2			
Depth	Arsenic	Cadmium	Lead
1'	6.28	43.9	7,360
3'	24.6	ND	5.25
5'	10.0	ND	4.16

CV-BG3	
Depth	Lead
1'	360
3'	130
5'	3.6
10'	3.3
15'	4.9
20'	3.2
25'	6.6

SW1		
Depth	Arsenic	Lead
1'	3.37	828
3'	17.2	2.41
5'	6.28	2.23

SW3		
Depth	Cadmium	Lead
1'	25	4,650
3'	ND	74.1
5'	ND	253

SW4	
Depth	Lead
1'	209
3'	185
5'	352

SW5	
Depth	Lead
1'	218
3'	533
5'	1.98

SW6	
Depth	Lead
1'	239
3'	182
5'	897

CV-BG4	
Depth	Diesel
1'	ND<5
3'	ND<5
5'	ND<5
10'	ND<5
15'	110
20'	ND<5

SW21	
Depth	Arsenic
1'	52.9
3'	1.68
5'	2.11

CV-BG2	
Depth	Hex Cr
1'	ND<0.5
3'	4.2
5'	3.3
10'	ND<0.5
15'	ND<0.5
20'	6.6

LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)

	LUFT	RSLs
TPH-diesel	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Hex Cr	--	6.3
Lead	--	320 (2)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

Building #2B

Former Sandpiles (typ.)

CLOW VALVE BLDG

CANOPY

VALVE TEST AREA

ANACO PRODUCTION PLANT
Building #2A

Surplus Equipment

Former-Subgrade Conveyor (typ.)

Gasket Storage

CLOW Storage

ANACO

Waste

Storage

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

Surplus Equipment

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10 SW11 SW12 SW13 SW14 SW15 SW16 SW17 SW18 SW19 SW20 SW21

CV-BG1 CV-BG2 CV-BG3 CV-BG4

0 120

Approximate Scale: 1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
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BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3J

FILENAME: S:\Common\DrangeCAD\Projects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3J (ADC10)) 10/18/19 10:49 - kgyawall

SW2	
Depth (ft)	Lead (mg/kg)
1	7,360

SW3	
Depth (ft)	Lead (mg/kg)
1	4,650

AOC1-B3	
Depth (ft)	Lead (mg/kg)
0	3,600

AOC1-B17	
Depth (ft)	Lead (mg/kg)
0	4,600

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

AOC-4

Building #2B

Former Sandpiles (typ.)

MW-2

CLOW VALVE BLDG

CANOPY

VALVE TEST AREA

ANACO PRODUCTION PLANT
Building #2A

Surplus Equipment

Former-Subgrade Conveyor (typ.)

AOC-6

Gasket Storage

CLOW Storage

AOC-7
(Transformer Area 1)

CLOW VALVE BLDG

AOC-3

AOC1-B11

AOC1-B3

MW-1

AOC1-FB1

AOC-1

AOC-5

ANACO Storage

Waste

AOC-9
(Former Test Pond)

AOC-2
(Chip Bin Storage Area)

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

WOMEN'S RESTROOM

MEN'S RESTROOM

Surplus Equipment

AOC-8
(Transformer Area 2)

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

MW-3

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

STORM CHANNEL 85' WIDE

LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND - TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

Notes: Sample results reported in milligrams per kilogram (mg/kg).

Remaining sample locations reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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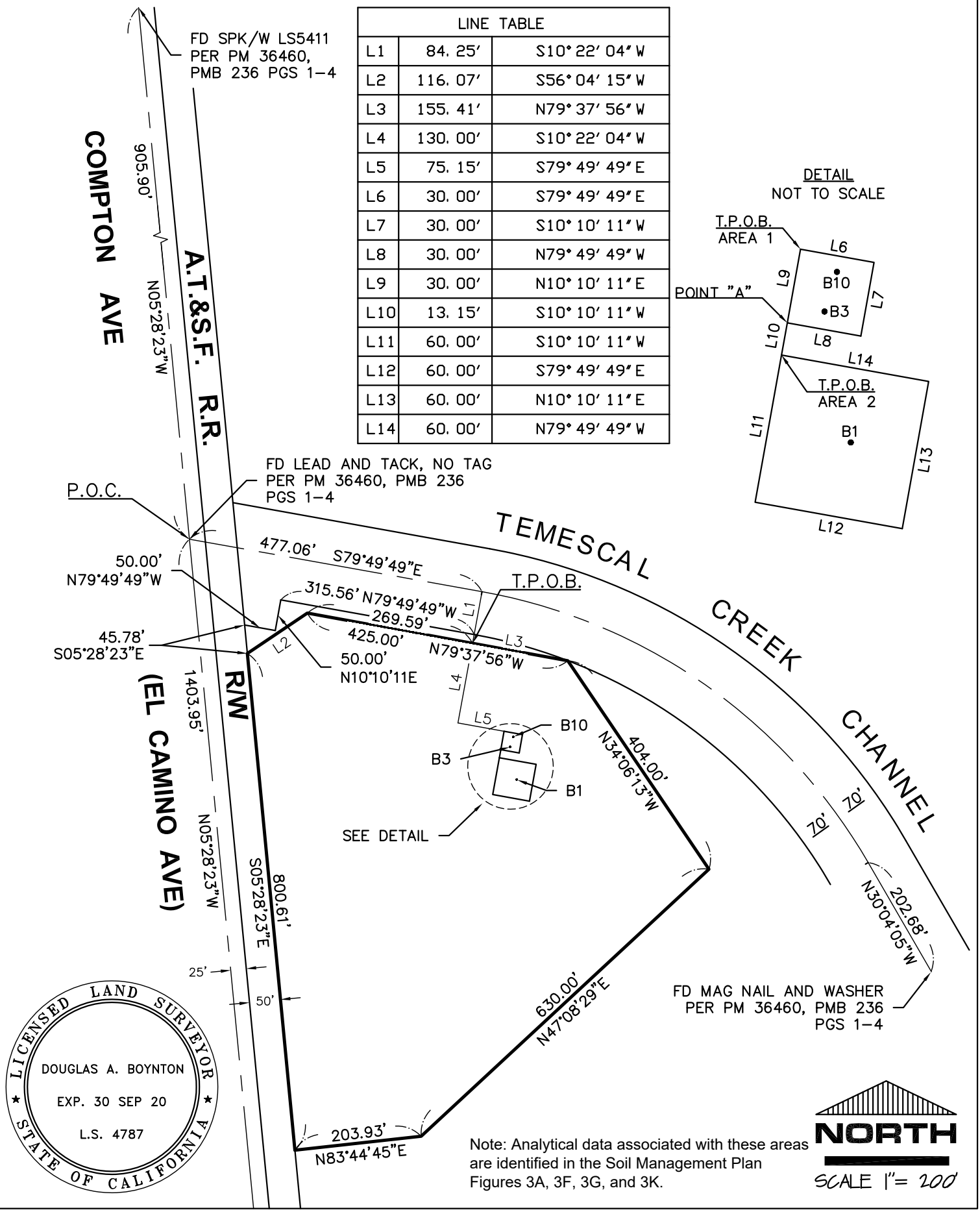
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

SHALLOW SOIL SAMPLES WITH LEAD EXCEEDING 1,000 MG/KG

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	12/28/20	3K

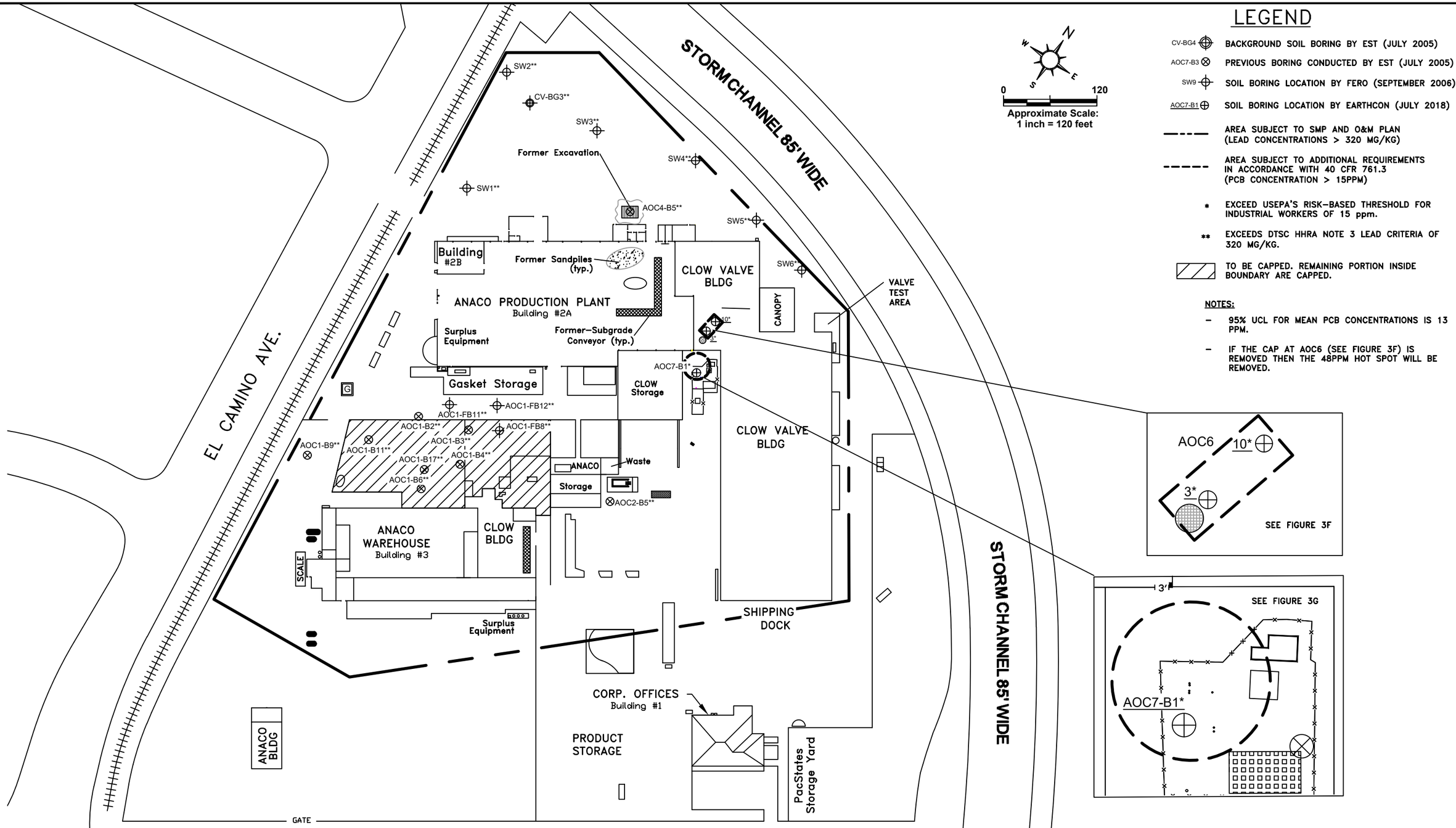
FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 12-28-20_Fig3K.dwg (F3K) 12/28/20 13:34 - kgyawali

FIGURE 4
SURVEY OF AREA SUBJECT TO LAND USE COVENANT



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.



LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 — SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	06/21/2021	4A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 05-12-21_F4.dwg (Subject area) 06/21/21 1505 - abasford

APPENDIX B

DustTrak 1-Upwind

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/03/2021
Instrument S/N	8533154413	Start Time	06:13:55
		Stop Date	08/03/2021
		Stop Time	14:33:55
		Total Time	0:08:20:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.847 mg/m^3	0.848 mg/m^3	0.849 mg/m^3	0.849 mg/m^3	0.850 mg/m^3
Max	1.310 mg/m^3	1.310 mg/m^3	1.310 mg/m^3	1.320 mg/m^3	1.330 mg/m^3
Max Date	08/03/2021	08/03/2021	08/03/2021	08/03/2021	08/03/2021
Max Time	06:23:55	06:23:55	06:23:55	06:23:55	06:23:55
Min	0.812 mg/m^3	0.812 mg/m^3	0.813 mg/m^3	0.814 mg/m^3	0.814 mg/m^3
Min Date	08/03/2021	08/03/2021	08/03/2021	08/03/2021	08/03/2021
Min Time	06:33:55	06:33:55	06:33:55	06:33:55	06:33:55
TWA (8 hr)	0.847	0.847	0.848	0.849	0.849
TWA Start Date	08/03/2021	08/03/2021	08/03/2021	08/03/2021	08/03/2021
TWA Start Time	06:13:55	06:13:55	06:13:55	06:13:55	06:13:55
TWA End Time	14:33:55	14:33:55	14:33:55	14:33:55	14:33:55

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/03/2021	06:23:55	1.310	1.310	1.310	1.320	1.330
2	08/03/2021	06:33:55	0.812	0.812	0.813	0.814	0.814
3	08/03/2021	06:43:55	0.812	0.812	0.813	0.814	0.814
4	08/03/2021	06:53:55	0.812	0.812	0.813	0.815	0.815
5	08/03/2021	07:03:55	0.816	0.817	0.819	0.821	0.821
6	08/03/2021	07:13:55	0.822	0.823	0.826	0.829	0.829
7	08/03/2021	07:23:55	0.821	0.821	0.823	0.825	0.825
8	08/03/2021	07:33:55	0.830	0.831	0.833	0.836	0.836
9	08/03/2021	07:43:55	0.823	0.824	0.826	0.827	0.827
10	08/03/2021	07:53:55	0.826	0.827	0.828	0.830	0.830
11	08/03/2021	08:03:55	0.829	0.830	0.832	0.833	0.833
12	08/03/2021	08:13:55	0.831	0.832	0.833	0.834	0.834
13	08/03/2021	08:23:55	0.825	0.826	0.827	0.828	0.828
14	08/03/2021	08:33:55	0.824	0.824	0.825	0.826	0.827
15	08/03/2021	08:43:55	0.825	0.825	0.826	0.827	0.827
16	08/03/2021	08:53:55	0.824	0.824	0.825	0.826	0.826
17	08/03/2021	09:03:55	0.826	0.827	0.827	0.828	0.828
18	08/03/2021	09:13:55	0.826	0.827	0.827	0.828	0.828
19	08/03/2021	09:23:55	0.828	0.828	0.828	0.829	0.829
20	08/03/2021	09:33:55	0.830	0.830	0.831	0.831	0.831
21	08/03/2021	09:43:55	0.830	0.830	0.831	0.831	0.831
22	08/03/2021	09:53:55	0.831	0.831	0.832	0.833	0.833
23	08/03/2021	10:03:55	0.832	0.832	0.833	0.833	0.833
24	08/03/2021	10:13:55	0.835	0.835	0.836	0.836	0.836

Test Data							
Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
25	08/03/2021	10:23:55	0.835	0.835	0.835	0.835	0.835
26	08/03/2021	10:33:55	0.836	0.836	0.837	0.837	0.837
27	08/03/2021	10:43:55	0.838	0.838	0.838	0.839	0.839
28	08/03/2021	10:53:55	0.839	0.839	0.839	0.839	0.839
29	08/03/2021	11:03:55	0.841	0.841	0.841	0.841	0.841
30	08/03/2021	11:13:55	0.842	0.842	0.842	0.842	0.842
31	08/03/2021	11:23:55	0.843	0.843	0.843	0.843	0.843
32	08/03/2021	11:33:55	0.845	0.845	0.845	0.845	0.845
33	08/03/2021	11:43:55	0.845	0.845	0.845	0.845	0.845
34	08/03/2021	11:53:55	0.846	0.846	0.846	0.846	0.846
35	08/03/2021	12:03:55	0.850	0.850	0.850	0.850	0.850
36	08/03/2021	12:13:55	0.851	0.851	0.851	0.852	0.852
37	08/03/2021	12:23:55	0.852	0.852	0.852	0.853	0.853
38	08/03/2021	12:33:55	0.853	0.854	0.854	0.854	0.854
39	08/03/2021	12:43:55	0.854	0.854	0.854	0.855	0.855
40	08/03/2021	12:53:55	0.856	0.856	0.856	0.857	0.857
41	08/03/2021	13:03:55	0.855	0.855	0.856	0.856	0.856
42	08/03/2021	13:13:55	0.857	0.857	0.857	0.858	0.858
43	08/03/2021	13:23:55	0.856	0.857	0.857	0.857	0.857
44	08/03/2021	13:33:55	0.856	0.856	0.856	0.857	0.857
45	08/03/2021	13:43:55	0.856	0.856	0.857	0.857	0.857
46	08/03/2021	13:53:55	0.859	0.859	0.860	0.861	0.861
47	08/03/2021	14:03:55	0.858	0.858	0.858	0.858	0.858
48	08/03/2021	14:13:55	0.858	0.858	0.859	0.859	0.859
49	08/03/2021	14:23:55	0.858	0.859	0.859	0.859	0.859
50	08/03/2021	14:33:55	0.859	0.859	0.859	0.860	0.860

DustTrak 2-Downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/02/2021
Instrument S/N	8530100701	Start Time	06:29:15
		Stop Date	08/02/2021
		Stop Time	14:39:15
		Total Time	0:08:10:00
		Logging Interval	600 seconds

Statistics	
	PM10
Avg	0.023 mg/m^3
Max	0.060 mg/m^3
Max Date	08/02/2021
Max Time	07:09:15
Min	0.010 mg/m^3
Min Date	08/02/2021
Min Time	14:39:15
TWA (8 hr)	0.023
TWA Start Date	08/02/2021
TWA Start Time	06:29:15
TWA End Time	14:39:15

Test Data			
Data Point	**Date**	**Time**	**PM10 mg/m^3**
1	08/02/2021	06:39:15	0.045
2	08/02/2021	06:49:15	0.034
3	08/02/2021	06:59:15	0.035
4	08/02/2021	07:09:15	0.060
5	08/02/2021	07:19:15	0.060
6	08/02/2021	07:29:15	0.047
7	08/02/2021	07:39:15	0.038
8	08/02/2021	07:49:15	0.041
9	08/02/2021	07:59:15	0.055
10	08/02/2021	08:09:15	0.037
11	08/02/2021	08:19:15	0.029
12	08/02/2021	08:29:15	0.030
13	08/02/2021	08:39:15	0.030
14	08/02/2021	08:49:15	0.025
15	08/02/2021	08:59:15	0.020
16	08/02/2021	09:09:15	0.023
17	08/02/2021	09:19:15	0.019
18	08/02/2021	09:29:15	0.022
19	08/02/2021	09:39:15	0.023
20	08/02/2021	09:49:15	0.021
21	08/02/2021	09:59:15	0.018
22	08/02/2021	10:09:15	0.017
23	08/02/2021	10:19:15	0.015
24	08/02/2021	10:29:15	0.014
25	08/02/2021	10:39:15	0.013

Test Data			
Data Point	**Date**	**Time**	**PM10 mg/m^3**
26	08/02/2021	10:49:15	0.013
27	08/02/2021	10:59:15	0.014
28	08/02/2021	11:09:15	0.014
29	08/02/2021	11:19:15	0.014
30	08/02/2021	11:29:15	0.014
31	08/02/2021	11:39:15	0.013
32	08/02/2021	11:49:15	0.014
33	08/02/2021	11:59:15	0.014
34	08/02/2021	12:09:15	0.014
35	08/02/2021	12:19:15	0.016
36	08/02/2021	12:29:15	0.017
37	08/02/2021	12:39:15	0.016
38	08/02/2021	12:49:15	0.016
39	08/02/2021	12:59:15	0.016
40	08/02/2021	13:09:15	0.016
41	08/02/2021	13:19:15	0.016
42	08/02/2021	13:29:15	0.016
43	08/02/2021	13:39:15	0.015
44	08/02/2021	13:49:15	0.013
45	08/02/2021	13:59:15	0.012
46	08/02/2021	14:09:15	0.012
47	08/02/2021	14:19:15	0.011
48	08/02/2021	14:29:15	0.011
49	08/02/2021	14:39:15	0.010

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/04/2021
Instrument S/N	8530100701	Start Time	06:59:17
		Stop Date	08/04/2021
		Stop Time	14:09:17
		Total Time	0:07:10:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/04/2021	07:09:17	0.048
2	08/04/2021	07:19:17	0.044
3	08/04/2021	07:29:17	0.044
4	08/04/2021	07:39:17	0.044
5	08/04/2021	07:49:17	0.039
6	08/04/2021	07:59:17	0.036
7	08/04/2021	08:09:17	0.032
8	08/04/2021	08:19:17	0.029
9	08/04/2021	08:29:17	0.028
10	08/04/2021	08:39:17	0.027
11	08/04/2021	08:49:17	0.025
12	08/04/2021	08:59:17	0.024
13	08/04/2021	09:09:17	0.024
14	08/04/2021	09:19:17	0.023
15	08/04/2021	09:29:17	0.023
16	08/04/2021	09:39:17	0.021
17	08/04/2021	09:49:17	0.020
18	08/04/2021	09:59:17	0.019
19	08/04/2021	10:09:17	0.019
20	08/04/2021	10:19:17	0.019
21	08/04/2021	10:29:17	0.019
22	08/04/2021	10:39:17	0.020
23	08/04/2021	10:49:17	0.019
24	08/04/2021	10:59:17	0.021
25	08/04/2021	11:09:17	0.020
26	08/04/2021	11:19:17	0.018
27	08/04/2021	11:29:17	0.020
28	08/04/2021	11:39:17	0.020
29	08/04/2021	11:49:17	0.022
30	08/04/2021	11:59:17	0.024
31	08/04/2021	12:09:17	0.024
32	08/04/2021	12:19:17	0.024
33	08/04/2021	12:29:17	0.024
34	08/04/2021	12:39:17	0.025
35	08/04/2021	12:49:17	0.026
36	08/04/2021	12:59:17	0.028
37	08/04/2021	13:09:17	0.028
38	08/04/2021	13:19:17	0.025
39	08/04/2021	13:29:17	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/04/2021	13:39:17	0.022
41	08/04/2021	13:49:17	0.024
42	08/04/2021	13:59:17	0.025
43	08/04/2021	14:09:17	0.026

DustTrak 2-Downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/04/2021
Instrument S/N	8530100701	Start Time	06:59:17
		Stop Date	08/04/2021
		Stop Time	14:09:17
		Total Time	0:07:10:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m^3
Max	0.048 mg/m^3
Max Date	08/04/2021
Max Time	07:09:17
Min	0.018 mg/m^3
Min Date	08/04/2021
Min Time	11:19:17
TWA (8 hr)	0.023
TWA Start Date	08/04/2021
TWA Start Time	06:59:17
TWA End Time	14:09:17

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/04/2021	07:09:17	0.048
2	08/04/2021	07:19:17	0.044
3	08/04/2021	07:29:17	0.044
4	08/04/2021	07:39:17	0.044
5	08/04/2021	07:49:17	0.039
6	08/04/2021	07:59:17	0.036
7	08/04/2021	08:09:17	0.032
8	08/04/2021	08:19:17	0.029
9	08/04/2021	08:29:17	0.028
10	08/04/2021	08:39:17	0.027
11	08/04/2021	08:49:17	0.025
12	08/04/2021	08:59:17	0.024
13	08/04/2021	09:09:17	0.024
14	08/04/2021	09:19:17	0.023
15	08/04/2021	09:29:17	0.023
16	08/04/2021	09:39:17	0.021
17	08/04/2021	09:49:17	0.020
18	08/04/2021	09:59:17	0.019
19	08/04/2021	10:09:17	0.019
20	08/04/2021	10:19:17	0.019
21	08/04/2021	10:29:17	0.019
22	08/04/2021	10:39:17	0.020
23	08/04/2021	10:49:17	0.019
24	08/04/2021	10:59:17	0.021
25	08/04/2021	11:09:17	0.020

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/04/2021	11:19:17	0.018
27	08/04/2021	11:29:17	0.020
28	08/04/2021	11:39:17	0.020
29	08/04/2021	11:49:17	0.022
30	08/04/2021	11:59:17	0.024
31	08/04/2021	12:09:17	0.024
32	08/04/2021	12:19:17	0.024
33	08/04/2021	12:29:17	0.024
34	08/04/2021	12:39:17	0.025
35	08/04/2021	12:49:17	0.026
36	08/04/2021	12:59:17	0.028
37	08/04/2021	13:09:17	0.028
38	08/04/2021	13:19:17	0.025
39	08/04/2021	13:29:17	0.023
40	08/04/2021	13:39:17	0.022
41	08/04/2021	13:49:17	0.024
42	08/04/2021	13:59:17	0.025
43	08/04/2021	14:09:17	0.026

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/06/2021
Instrument S/N	8543203702	Start Time	08:25:54
		Stop Date	08/06/2021
		Stop Time	08:45:56
		Total Time	0:00:20:00
		Logging Interval	601 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.014 mg/m^3	0.019 mg/m^3	0.023 mg/m^3	0.038 mg/m^3	0.043 mg/m^3
Max	0.014 mg/m^3	0.020 mg/m^3	0.026 mg/m^3	0.047 mg/m^3	0.053 mg/m^3
Max Date	08/06/2021	08/06/2021	08/06/2021	08/06/2021	08/06/2021
Max Time	08:45:56	08:45:56	08:45:56	08:45:56	08:45:56
Min	0.013 mg/m^3	0.018 mg/m^3	0.021 mg/m^3	0.028 mg/m^3	0.032 mg/m^3
Min Date	08/06/2021	08/06/2021	08/06/2021	08/06/2021	08/06/2021
Min Time	08:35:55	08:35:55	08:35:55	08:35:55	08:35:55
TWA (8 hr)	0.001	0.001	0.001	0.002	0.002
TWA Start Date	08/06/2021	08/06/2021	08/06/2021	08/06/2021	08/06/2021
TWA Start Time	08:25:54	08:25:54	08:25:54	08:25:54	08:25:54
TWA End Time	08:45:56	08:45:56	08:45:56	08:45:56	08:45:56

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/06/2021	08:35:55	0.013	0.018	0.021	0.028	0.032
2	08/06/2021	08:45:56	0.014	0.020	0.026	0.047	0.053

DustTrak 2-Downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/06/2021
Instrument S/N	8530100701	Start Time	06:09:10
		Stop Date	08/06/2021
		Stop Time	13:09:10
		Total Time	0:06:40:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/06/2021	06:10:02	0.000
2	08/06/2021	06:19:10	0.046
3	08/06/2021	06:29:10	0.046
4	08/06/2021	06:39:10	0.046
5	08/06/2021	06:49:10	0.047
6	08/06/2021	06:59:10	0.050
7	08/06/2021	07:09:10	0.053
8	08/06/2021	07:19:10	0.056
9	08/06/2021	07:29:10	0.049
10	08/06/2021	07:39:10	0.053
11	08/06/2021	07:49:10	0.056
12	08/06/2021	07:59:10	0.052
13	08/06/2021	08:09:10	0.049
14	08/06/2021	08:19:10	0.047
15	08/06/2021	08:29:10	0.046
16	08/06/2021	08:39:10	0.046
17	08/06/2021	08:49:10	0.045
18	08/06/2021	08:59:10	0.044
19	08/06/2021	09:09:10	0.043
20	08/06/2021	09:19:10	0.044
21	08/06/2021	09:29:10	0.044
22	08/06/2021	09:39:10	0.044
23	08/06/2021	09:49:10	0.043
24	08/06/2021	09:59:10	0.042
25	08/06/2021	10:09:10	0.041
26	08/06/2021	10:19:10	0.040
27	08/06/2021	10:29:10	0.039
28	08/06/2021	10:39:10	0.038
29	08/06/2021	10:49:10	0.037
30	08/06/2021	10:59:10	0.038
31	08/06/2021	11:09:10	0.038
32	08/06/2021	11:19:10	0.038
33	08/06/2021	11:29:10	0.037
34	08/06/2021	11:39:10	0.037
35	08/06/2021	11:49:10	0.037

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	08/06/2021	11:59:10	0.038
37	08/06/2021	12:09:10	0.037
38	08/06/2021	12:19:10	0.037
39	08/06/2021	12:29:10	0.035
40	08/06/2021	12:39:10	0.034
41	08/06/2021	12:46:52	0.000
42	08/06/2021	12:49:41	0.000

DustTrak 1-Upwind

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/09/2021
Instrument S/N	8543203702	Start Time	06:26:20
		Stop Date	08/09/2021
		Stop Time	06:36:21
		Total Time	0:00:10:00

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/09/2021	06:36:21	0.006	0.007	0.008	0.011	0.016

DustTrak 2-Downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/09/2021
Instrument S/N	8530100701	Start Time	06:54:21
		Stop Date	08/09/2021
		Stop Time	14:44:21
		Total Time	0:07:50:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/09/2021	07:04:21	0.048
2	08/09/2021	07:14:21	0.049
3	08/09/2021	07:24:21	0.046
4	08/09/2021	07:34:21	0.055
5	08/09/2021	07:44:21	0.052
6	08/09/2021	07:54:21	0.051
7	08/09/2021	08:04:21	0.049
8	08/09/2021	08:14:21	0.047
9	08/09/2021	08:24:21	0.047
10	08/09/2021	08:34:21	0.047
11	08/09/2021	08:44:21	0.049
12	08/09/2021	08:54:21	0.049
13	08/09/2021	09:04:21	0.049
14	08/09/2021	09:14:21	0.047
15	08/09/2021	09:24:21	0.048
16	08/09/2021	09:34:21	0.047
17	08/09/2021	09:44:21	0.047
18	08/09/2021	09:54:21	0.042
19	08/09/2021	10:04:21	0.043
20	08/09/2021	10:14:21	0.044
21	08/09/2021	10:24:21	0.046
22	08/09/2021	10:34:21	0.043
23	08/09/2021	10:44:21	0.043
24	08/09/2021	10:54:21	0.043
25	08/09/2021	11:04:21	0.046
26	08/09/2021	11:14:21	0.045
27	08/09/2021	11:24:21	0.047
28	08/09/2021	11:34:21	0.042
29	08/09/2021	11:44:21	0.039
30	08/09/2021	11:54:21	0.034
31	08/09/2021	12:04:21	0.034
32	08/09/2021	12:14:21	0.031
33	08/09/2021	12:24:21	0.030
34	08/09/2021	12:34:21	0.028
35	08/09/2021	12:44:21	0.027

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
36	08/09/2021	12:54:21	0.027
37	08/09/2021	13:04:21	0.027
38	08/09/2021	13:14:21	0.026
39	08/09/2021	13:24:21	0.025
40	08/09/2021	13:34:21	0.025
41	08/09/2021	13:44:21	0.025
42	08/09/2021	13:54:21	0.026
43	08/09/2021	14:04:21	0.026
44	08/09/2021	14:14:21	0.025
45	08/09/2021	14:24:21	0.025
46	08/09/2021	14:34:21	0.025
47	08/09/2021	14:44:21	0.024

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/10/2021
Instrument S/N	8530100701	Start Time	05:48:26
		Stop Date	08/10/2021
		Stop Time	13:38:26
		Total Time	0:07:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m^3
Max	0.039 mg/m^3
Max Date	08/10/2021
Max Time	08:28:26
Min	0.024 mg/m^3
Min Date	08/10/2021
Min Time	10:38:26
TWA (8 hr)	0.029
TWA Start Date	08/10/2021
TWA Start Time	05:48:26
TWA End Time	13:38:26

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/10/2021	05:58:26	0.028
2	08/10/2021	06:08:26	0.028
3	08/10/2021	06:18:26	0.028
4	08/10/2021	06:28:26	0.027
5	08/10/2021	06:38:26	0.028
6	08/10/2021	06:48:26	0.029
7	08/10/2021	06:58:26	0.029
8	08/10/2021	07:08:26	0.034
9	08/10/2021	07:18:26	0.034
10	08/10/2021	07:28:26	0.035
11	08/10/2021	07:38:26	0.033
12	08/10/2021	07:48:26	0.034
13	08/10/2021	07:58:26	0.036
14	08/10/2021	08:08:26	0.037
15	08/10/2021	08:18:26	0.038
16	08/10/2021	08:28:26	0.039
17	08/10/2021	08:38:26	0.038
18	08/10/2021	08:48:26	0.035
19	08/10/2021	08:58:26	0.034
20	08/10/2021	09:08:26	0.034
21	08/10/2021	09:18:26	0.032

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/10/2021	09:28:26	0.031
23	08/10/2021	09:38:26	0.029
24	08/10/2021	09:48:26	0.027
25	08/10/2021	09:58:26	0.026
26	08/10/2021	10:08:26	0.025
27	08/10/2021	10:18:26	0.025
28	08/10/2021	10:28:26	0.025
29	08/10/2021	10:38:26	0.024
30	08/10/2021	10:48:26	0.025
31	08/10/2021	10:58:26	0.025
32	08/10/2021	11:08:26	0.026
33	08/10/2021	11:18:26	0.026
34	08/10/2021	11:28:26	0.026
35	08/10/2021	11:38:26	0.027
36	08/10/2021	11:48:26	0.027
37	08/10/2021	11:58:26	0.028
38	08/10/2021	12:08:26	0.027
39	08/10/2021	12:18:26	0.027
40	08/10/2021	12:28:26	0.025
41	08/10/2021	12:38:26	0.024
42	08/10/2021	12:48:26	0.024
43	08/10/2021	12:58:26	0.025
44	08/10/2021	13:08:26	0.024
45	08/10/2021	13:18:26	0.025
46	08/10/2021	13:28:26	0.028
47	08/10/2021	13:38:26	0.030

DustTrak 2-Downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/10/2021
Instrument S/N	8530100701	Start Time	05:48:26
		Stop Date	08/10/2021
		Stop Time	13:38:26
		Total Time	0:07:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m^3
Max	0.039 mg/m^3
Max Date	08/10/2021
Max Time	08:28:26
Min	0.024 mg/m^3
Min Date	08/10/2021
Min Time	10:38:26
TWA (8 hr)	0.029
TWA Start Date	08/10/2021
TWA Start Time	05:48:26
TWA End Time	13:38:26

DustTrak 1-Upwind

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/11/2021
Instrument S/N	8543203702	Start Time	06:05:54
		Stop Date	08/11/2021
		Stop Time	06:55:54
		Total Time	0:00:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.007 mg/m^3	0.009 mg/m^3	0.012 mg/m^3	0.024 mg/m^3	0.029 mg/m^3
Max	0.008 mg/m^3	0.010 mg/m^3	0.013 mg/m^3	0.029 mg/m^3	0.036 mg/m^3
Max Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Max Time	06:55:54	06:55:54	06:55:54	06:55:54	06:55:54
Min	0.006 mg/m^3	0.008 mg/m^3	0.011 mg/m^3	0.020 mg/m^3	0.024 mg/m^3
Min Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Min Time	06:15:54	06:15:54	06:25:54	06:45:54	06:45:54
TWA (8 hr)	0.001	0.001	0.001	0.002	0.003
TWA Start Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
TWA Start Time	06:05:54	06:05:54	06:05:54	06:05:54	06:05:54
TWA End Time	06:55:54	06:55:54	06:55:54	06:55:54	06:55:54

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/11/2021
Instrument S/N	8543203702	Start Time	07:00:48
		Stop Date	08/11/2021
		Stop Time	08:50:48
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.010 mg/m^3	0.016 mg/m^3	0.028 mg/m^3	0.084 mg/m^3	0.107 mg/m^3
Max	0.018 mg/m^3	0.029 mg/m^3	0.055 mg/m^3	0.189 mg/m^3	0.239 mg/m^3
Max Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Max Time	07:10:48	07:10:48	07:10:48	07:10:48	07:10:48
Min	0.008 mg/m^3	0.011 mg/m^3	0.017 mg/m^3	0.046 mg/m^3	0.058 mg/m^3
Min Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Min Time	08:30:48	08:30:48	08:30:48	08:30:48	08:30:48
TWA (8 hr)	0.002	0.004	0.006	0.019	0.024
TWA Start Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
TWA Start Time	07:00:48	07:00:48	07:00:48	07:00:48	07:00:48
TWA End Time	08:50:48	08:50:48	08:50:48	08:50:48	08:50:48

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/11/2021
Instrument S/N	8543203702	Start Time	09:00:47
		Stop Date	08/11/2021
		Stop Time	10:50:47
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.008 mg/m^3	0.013 mg/m^3	0.023 mg/m^3	0.069 mg/m^3	0.089 mg/m^3
Max	0.019 mg/m^3	0.030 mg/m^3	0.062 mg/m^3	0.227 mg/m^3	0.295 mg/m^3
Max Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Max Time	09:30:47	09:30:47	09:30:47	09:30:47	09:30:47
Min	0.004 mg/m^3	0.007 mg/m^3	0.011 mg/m^3	0.029 mg/m^3	0.036 mg/m^3
Min Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Min Time	10:20:47	10:10:47	10:20:47	10:20:47	10:20:47
TWA (8 hr)	0.002	0.003	0.005	0.016	0.020
TWA Start Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
TWA Start Time	09:00:47	09:00:47	09:00:47	09:00:47	09:00:47
TWA End Time	10:50:47	10:50:47	10:50:47	10:50:47	10:50:47

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/11/2021
Instrument S/N	8543203702	Start Time	11:00:47
		Stop Date	08/11/2021
		Stop Time	12:50:47
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.010 mg/m^3	0.014 mg/m^3	0.022 mg/m^3	0.066 mg/m^3	0.085 mg/m^3
Max	0.017 mg/m^3	0.023 mg/m^3	0.037 mg/m^3	0.133 mg/m^3	0.174 mg/m^3
Max Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Max Time	11:50:47	11:50:47	11:50:47	12:20:47	12:20:47
Min	0.006 mg/m^3	0.008 mg/m^3	0.010 mg/m^3	0.019 mg/m^3	0.023 mg/m^3
Min Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Min Time	11:20:47	11:20:47	11:30:47	11:30:47	11:30:47
TWA (8 hr)	0.002	0.003	0.005	0.015	0.019
TWA Start Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
TWA Start Time	11:00:47	11:00:47	11:00:47	11:00:47	11:00:47
TWA End Time	12:50:47	12:50:47	12:50:47	12:50:47	12:50:47

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/11/2021
Instrument S/N	8543203702	Start Time	13:00:46
		Stop Date	08/11/2021
		Stop Time	13:40:46
		Total Time	0:00:40:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.007 mg/m^3	0.010 mg/m^3	0.018 mg/m^3	0.045 mg/m^3	0.057 mg/m^3
Max	0.007 mg/m^3	0.011 mg/m^3	0.020 mg/m^3	0.056 mg/m^3	0.070 mg/m^3
Max Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Max Time	13:10:46	13:10:46	13:10:46	13:10:46	13:10:46
Min	0.006 mg/m^3	0.009 mg/m^3	0.016 mg/m^3	0.038 mg/m^3	0.047 mg/m^3
Min Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
Min Time	13:20:46	13:20:46	13:20:46	13:40:46	13:40:46
TWA (8 hr)	0.001	0.001	0.001	0.004	0.005
TWA Start Date	08/11/2021	08/11/2021	08/11/2021	08/11/2021	08/11/2021
TWA Start Time	13:00:46	13:00:46	13:00:46	13:00:46	13:00:46
TWA End Time	13:40:46	13:40:46	13:40:46	13:40:46	13:40:46

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/11/2021
Instrument S/N	8530100701	Start Time	05:52:58
		Stop Date	08/11/2021
		Stop Time	13:52:58
		Total Time	0:08:00:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.031 mg/m^3
Max	0.055 mg/m^3
Max Date	08/11/2021
Max Time	07:22:58
Min	0.024 mg/m^3
Min Date	08/11/2021
Min Time	10:22:58
TWA (8 hr)	0.031
TWA Start Date	08/11/2021
TWA Start Time	05:52:58
TWA End Time	13:52:58

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/11/2021	06:02:58	0.030
2	08/11/2021	06:12:58	0.030
3	08/11/2021	06:22:58	0.034
4	08/11/2021	06:32:58	0.030
5	08/11/2021	06:42:58	0.031
6	08/11/2021	06:52:58	0.040
7	08/11/2021	07:02:58	0.038
8	08/11/2021	07:12:58	0.043
9	08/11/2021	07:22:58	0.055
10	08/11/2021	07:32:58	0.040
11	08/11/2021	07:42:58	0.034
12	08/11/2021	07:52:58	0.034
13	08/11/2021	08:02:58	0.034
14	08/11/2021	08:12:58	0.030
15	08/11/2021	08:22:58	0.025
16	08/11/2021	08:32:58	0.027
17	08/11/2021	08:42:58	0.035
18	08/11/2021	08:52:58	0.033
19	08/11/2021	09:02:58	0.044
20	08/11/2021	09:12:58	0.048
21	08/11/2021	09:22:58	0.044

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/11/2021	09:32:58	0.037
23	08/11/2021	09:42:58	0.035
24	08/11/2021	09:52:58	0.031
25	08/11/2021	10:02:58	0.030
26	08/11/2021	10:12:58	0.025
27	08/11/2021	10:22:58	0.024
28	08/11/2021	10:32:58	0.026
29	08/11/2021	10:42:58	0.026
30	08/11/2021	10:52:58	0.028
31	08/11/2021	11:02:58	0.027
32	08/11/2021	11:12:58	0.026
33	08/11/2021	11:22:58	0.025
34	08/11/2021	11:32:58	0.026
35	08/11/2021	11:42:58	0.028
36	08/11/2021	11:52:58	0.029
37	08/11/2021	12:02:58	0.031
38	08/11/2021	12:12:58	0.028
39	08/11/2021	12:22:58	0.028
40	08/11/2021	12:32:58	0.028
41	08/11/2021	12:42:58	0.027
42	08/11/2021	12:52:58	0.028
43	08/11/2021	13:02:58	0.026
44	08/11/2021	13:12:58	0.026
45	08/11/2021	13:22:58	0.025
46	08/11/2021	13:32:58	0.025
47	08/11/2021	13:42:58	0.025
48	08/11/2021	13:52:58	0.024

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/12/2021
Instrument S/N	8543203702	Start Time	06:04:20
		Stop Date	08/12/2021
		Stop Time	06:54:20
		Total Time	0:00:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.011 mg/m^3	0.021 mg/m^3	0.041 mg/m^3	0.123 mg/m^3	0.156 mg/m^3
Max	0.014 mg/m^3	0.028 mg/m^3	0.057 mg/m^3	0.175 mg/m^3	0.218 mg/m^3
Max Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Max Time	06:14:20	06:14:20	06:14:20	06:14:20	06:14:20
Min	0.009 mg/m^3	0.016 mg/m^3	0.031 mg/m^3	0.093 mg/m^3	0.121 mg/m^3
Min Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Min Time	06:24:20	06:24:20	06:24:20	06:24:20	06:24:20
TWA (8 hr)	0.001	0.002	0.004	0.013	0.016
TWA Start Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
TWA Start Time	06:04:20	06:04:20	06:04:20	06:04:20	06:04:20
TWA End Time	06:54:20	06:54:20	06:54:20	06:54:20	06:54:20

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/12/2021	06:14:20	0.014	0.028	0.057	0.175	0.218
2	08/12/2021	06:24:20	0.009	0.016	0.031	0.093	0.121
3	08/12/2021	06:34:20	0.009	0.017	0.033	0.096	0.121
4	08/12/2021	06:44:20	0.010	0.020	0.041	0.124	0.153
5	08/12/2021	06:54:20	0.011	0.022	0.043	0.127	0.165

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/12/2021
Instrument S/N	8543203702	Start Time	07:00:46
		Stop Date	08/12/2021
		Stop Time	08:50:46
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.013 mg/m^3	0.022 mg/m^3	0.041 mg/m^3	0.124 mg/m^3	0.156 mg/m^3
Max	0.018 mg/m^3	0.034 mg/m^3	0.069 mg/m^3	0.214 mg/m^3	0.262 mg/m^3
Max Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Max Time	07:50:46	07:50:46	07:50:46	07:50:46	07:50:46
Min	0.009 mg/m^3	0.012 mg/m^3	0.019 mg/m^3	0.048 mg/m^3	0.061 mg/m^3
Min Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Min Time	08:50:46	08:50:46	08:50:46	08:50:46	08:50:46
TWA (8 hr)	0.003	0.005	0.009	0.028	0.036
TWA Start Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
TWA Start Time	07:00:46	07:00:46	07:00:46	07:00:46	07:00:46
TWA End Time	08:50:46	08:50:46	08:50:46	08:50:46	08:50:46

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/12/2021	07:10:46	0.011	0.019	0.035	0.105	0.132
2	08/12/2021	07:20:46	0.012	0.019	0.034	0.095	0.116
3	08/12/2021	07:30:46	0.014	0.022	0.040	0.122	0.158
4	08/12/2021	07:40:46	0.017	0.030	0.059	0.189	0.240
5	08/12/2021	07:50:46	0.018	0.034	0.069	0.214	0.262
6	08/12/2021	08:00:46	0.016	0.029	0.057	0.176	0.221
7	08/12/2021	08:10:46	0.015	0.025	0.049	0.149	0.186
8	08/12/2021	08:20:46	0.012	0.020	0.037	0.107	0.136
9	08/12/2021	08:30:46	0.011	0.018	0.032	0.094	0.119
10	08/12/2021	08:40:46	0.010	0.014	0.024	0.065	0.082
11	08/12/2021	08:50:46	0.009	0.012	0.019	0.048	0.061

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/12/2021
Instrument S/N	8543203702	Start Time	09:00:45
		Stop Date	08/12/2021
		Stop Time	10:50:45
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.006 mg/m^3	0.008 mg/m^3	0.014 mg/m^3	0.039 mg/m^3	0.051 mg/m^3
Max	0.008 mg/m^3	0.011 mg/m^3	0.019 mg/m^3	0.057 mg/m^3	0.077 mg/m^3
Max Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Max Time	09:10:45	09:10:45	09:10:45	09:50:45	09:50:45
Min	0.004 mg/m^3	0.005 mg/m^3	0.008 mg/m^3	0.018 mg/m^3	0.023 mg/m^3
Min Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Min Time	10:40:45	10:50:45	10:40:45	10:50:45	10:50:45
TWA (8 hr)	0.001	0.002	0.003	0.009	0.012
TWA Start Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
TWA Start Time	09:00:45	09:00:45	09:00:45	09:00:45	09:00:45
TWA End Time	10:50:45	10:50:45	10:50:45	10:50:45	10:50:45

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/12/2021	09:10:45	0.008	0.011	0.019	0.053	0.068
2	08/12/2021	09:20:45	0.007	0.009	0.014	0.039	0.051
3	08/12/2021	09:30:45	0.006	0.008	0.012	0.032	0.042
4	08/12/2021	09:40:45	0.007	0.010	0.017	0.049	0.063
5	08/12/2021	09:50:45	0.008	0.011	0.019	0.057	0.077
6	08/12/2021	10:00:45	0.007	0.009	0.015	0.046	0.060
7	08/12/2021	10:10:45	0.005	0.007	0.011	0.030	0.039
8	08/12/2021	10:20:45	0.006	0.009	0.014	0.044	0.057
9	08/12/2021	10:30:45	0.006	0.008	0.013	0.040	0.054
10	08/12/2021	10:40:45	0.004	0.006	0.008	0.020	0.025
11	08/12/2021	10:50:45	0.004	0.005	0.008	0.018	0.023

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/12/2021
Instrument S/N	8543203702	Start Time	11:00:45
		Stop Date	08/12/2021
		Stop Time	12:50:45
		Total Time	0:01:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.006 mg/m^3	0.007 mg/m^3	0.011 mg/m^3	0.027 mg/m^3	0.035 mg/m^3
Max	0.008 mg/m^3	0.010 mg/m^3	0.016 mg/m^3	0.047 mg/m^3	0.062 mg/m^3
Max Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Max Time	11:10:45	12:50:45	12:50:45	12:50:45	12:50:45
Min	0.005 mg/m^3	0.006 mg/m^3	0.008 mg/m^3	0.018 mg/m^3	0.022 mg/m^3
Min Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Min Time	11:20:45	11:40:45	11:40:45	11:40:45	11:40:45
TWA (8 hr)	0.001	0.002	0.002	0.006	0.008
TWA Start Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
TWA Start Time	11:00:45	11:00:45	11:00:45	11:00:45	11:00:45
TWA End Time	12:50:45	12:50:45	12:50:45	12:50:45	12:50:45

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/12/2021	11:10:45	0.008	0.009	0.014	0.037	0.049
2	08/12/2021	11:20:45	0.005	0.007	0.009	0.019	0.024
3	08/12/2021	11:30:45	0.005	0.007	0.009	0.020	0.026
4	08/12/2021	11:40:45	0.005	0.006	0.008	0.018	0.022
5	08/12/2021	11:50:45	0.005	0.006	0.008	0.019	0.024
6	08/12/2021	12:00:45	0.005	0.007	0.009	0.023	0.031
7	08/12/2021	12:10:45	0.005	0.007	0.010	0.027	0.035
8	08/12/2021	12:20:45	0.006	0.008	0.012	0.033	0.044
9	08/12/2021	12:30:45	0.005	0.007	0.010	0.026	0.034
10	08/12/2021	12:40:45	0.006	0.007	0.011	0.027	0.035
11	08/12/2021	12:50:45	0.007	0.010	0.016	0.047	0.062

Test 010

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	08/12/2021
Instrument S/N	8543203702	Start Time	13:00:44
		Stop Date	08/12/2021
		Stop Time	13:50:44
		Total Time	0:00:50:00
		Logging Interval	600 seconds

Statistics					
	PM1	**PM2.5**	**RESP**	**PM10**	**TOTAL**
Avg	0.005 mg/m^3	0.007 mg/m^3	0.010 mg/m^3	0.024 mg/m^3	0.029 mg/m^3
Max	0.006 mg/m^3	0.008 mg/m^3	0.011 mg/m^3	0.030 mg/m^3	0.038 mg/m^3
Max Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Max Time	13:20:44	13:20:44	13:20:44	13:20:44	13:20:44
Min	0.005 mg/m^3	0.007 mg/m^3	0.009 mg/m^3	0.018 mg/m^3	0.022 mg/m^3
Min Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
Min Time	13:10:44	13:10:44	13:10:44	13:40:44	13:40:44
TWA (8 hr)	0.001	0.001	0.001	0.002	0.003
TWA Start Date	08/12/2021	08/12/2021	08/12/2021	08/12/2021	08/12/2021
TWA Start Time	13:00:44	13:00:44	13:00:44	13:00:44	13:00:44
TWA End Time	13:50:44	13:50:44	13:50:44	13:50:44	13:50:44

Test Data							
Data Point	**Date**	**Time**	**PM1 mg/m^3**	**PM2.5 mg/m^3**	**RESP mg/m^3**	**PM10 mg/m^3**	**TOTAL mg/m^3**
1	08/12/2021	13:10:44	0.005	0.007	0.009	0.020	0.024
2	08/12/2021	13:20:44	0.006	0.008	0.011	0.030	0.038
3	08/12/2021	13:30:44	0.006	0.007	0.011	0.030	0.037
4	08/12/2021	13:40:44	0.005	0.007	0.009	0.018	0.022
5	08/12/2021	13:50:44	0.005	0.007	0.009	0.021	0.026

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/12/2021
Instrument S/N	8530100701	Start Time	05:57:31
		Stop Date	08/12/2021
		Stop Time	13:57:31
		Total Time	0:08:00:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.035 mg/m^3
Max	0.078 mg/m^3
Max Date	08/12/2021
Max Time	06:07:31
Min	0.019 mg/m^3
Min Date	08/12/2021
Min Time	13:37:31
TWA (8 hr)	0.035
TWA Start Date	08/12/2021
TWA Start Time	05:57:31
TWA End Time	13:57:31

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/12/2021	06:07:31	0.078
2	08/12/2021	06:17:31	0.062
3	08/12/2021	06:27:31	0.043
4	08/12/2021	06:37:31	0.051
5	08/12/2021	06:47:31	0.055
6	08/12/2021	06:57:31	0.063
7	08/12/2021	07:07:31	0.048
8	08/12/2021	07:17:31	0.040
9	08/12/2021	07:27:31	0.047
10	08/12/2021	07:37:31	0.055
11	08/12/2021	07:47:31	0.070
12	08/12/2021	07:57:31	0.066
13	08/12/2021	08:07:31	0.062
14	08/12/2021	08:17:31	0.057
15	08/12/2021	08:27:31	0.051
16	08/12/2021	08:37:31	0.042
17	08/12/2021	08:47:31	0.034
18	08/12/2021	08:57:31	0.038
19	08/12/2021	09:07:31	0.037
20	08/12/2021	09:17:31	0.032
21	08/12/2021	09:27:31	0.027

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/12/2021	09:37:31	0.028
23	08/12/2021	09:47:31	0.027
24	08/12/2021	09:57:31	0.028
25	08/12/2021	10:07:31	0.027
26	08/12/2021	10:17:31	0.026
27	08/12/2021	10:27:31	0.026
28	08/12/2021	10:37:31	0.025
29	08/12/2021	10:47:31	0.023
30	08/12/2021	10:57:31	0.023
31	08/12/2021	11:07:31	0.025
32	08/12/2021	11:17:31	0.025
33	08/12/2021	11:27:31	0.022
34	08/12/2021	11:37:31	0.022
35	08/12/2021	11:47:31	0.020
36	08/12/2021	11:57:31	0.021
37	08/12/2021	12:07:31	0.022
38	08/12/2021	12:17:31	0.022
39	08/12/2021	12:27:31	0.021
40	08/12/2021	12:37:31	0.023
41	08/12/2021	12:47:31	0.022
42	08/12/2021	12:57:31	0.022
43	08/12/2021	13:07:31	0.021
44	08/12/2021	13:17:31	0.020
45	08/12/2021	13:27:31	0.020
46	08/12/2021	13:37:31	0.019
47	08/12/2021	13:47:31	0.019
48	08/12/2021	13:57:31	0.019

DustTrak 1-upwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/13/2021
Instrument S/N	8530104101	Start Time	06:28:43
		Stop Date	08/13/2021
		Stop Time	12:28:43
		Total Time	0:06:00:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m^3
Max	0.101 mg/m^3
Max Date	08/13/2021
Max Time	10:59:43
Min	0.010 mg/m^3
Min Date	08/13/2021
Min Time	11:51:43
TWA (8 hr)	0.019
TWA Start Date	08/13/2021
TWA Start Time	06:28:43
TWA End Time	12:28:43

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/13/2021	06:29:43	0.066
2	08/13/2021	06:30:43	0.066
3	08/13/2021	06:31:43	0.061
4	08/13/2021	06:32:43	0.054
5	08/13/2021	06:33:43	0.047
6	08/13/2021	06:34:43	0.047
7	08/13/2021	06:35:43	0.047
8	08/13/2021	06:36:43	0.047
9	08/13/2021	06:37:43	0.036
10	08/13/2021	06:38:43	0.033
11	08/13/2021	06:39:43	0.030
12	08/13/2021	06:40:43	0.033
13	08/13/2021	06:41:43	0.035
14	08/13/2021	06:42:43	0.038
15	08/13/2021	06:43:43	0.040
16	08/13/2021	06:44:43	0.039
17	08/13/2021	06:45:43	0.045
18	08/13/2021	06:46:43	0.044
19	08/13/2021	06:47:43	0.042
20	08/13/2021	06:48:43	0.045

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
21	08/13/2021	06:49:43	0.046
22	08/13/2021	06:50:43	0.049
23	08/13/2021	06:51:43	0.052
24	08/13/2021	06:52:43	0.051
25	08/13/2021	06:53:43	0.049
26	08/13/2021	06:54:43	0.049
27	08/13/2021	06:55:43	0.047
28	08/13/2021	06:56:43	0.043
29	08/13/2021	06:57:43	0.043
30	08/13/2021	06:58:43	0.043
31	08/13/2021	06:59:43	0.043
32	08/13/2021	07:00:43	0.043
33	08/13/2021	07:01:43	0.044
34	08/13/2021	07:02:43	0.045
35	08/13/2021	07:03:43	0.044
36	08/13/2021	07:04:43	0.043
37	08/13/2021	07:05:43	0.049
38	08/13/2021	07:06:43	0.044
39	08/13/2021	07:07:43	0.047
40	08/13/2021	07:08:43	0.049
41	08/13/2021	07:09:43	0.048
42	08/13/2021	07:10:43	0.044
43	08/13/2021	07:11:43	0.046
44	08/13/2021	07:12:43	0.051
45	08/13/2021	07:13:43	0.046
46	08/13/2021	07:14:43	0.045
47	08/13/2021	07:15:43	0.040
48	08/13/2021	07:16:43	0.037
49	08/13/2021	07:17:43	0.040
50	08/13/2021	07:18:43	0.035
51	08/13/2021	07:19:43	0.033
52	08/13/2021	07:20:43	0.037
53	08/13/2021	07:21:43	0.040
54	08/13/2021	07:22:43	0.031
55	08/13/2021	07:23:43	0.032
56	08/13/2021	07:24:43	0.034
57	08/13/2021	07:25:43	0.032
58	08/13/2021	07:26:43	0.032
59	08/13/2021	07:27:43	0.031
60	08/13/2021	07:28:43	0.037
61	08/13/2021	07:29:43	0.039
62	08/13/2021	07:30:43	0.040
63	08/13/2021	07:31:43	0.040
64	08/13/2021	07:32:43	0.040
65	08/13/2021	07:33:43	0.041
66	08/13/2021	07:34:43	0.040

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
67	08/13/2021	07:35:43	0.043
68	08/13/2021	07:36:43	0.043
69	08/13/2021	07:37:43	0.043
70	08/13/2021	07:38:43	0.042
71	08/13/2021	07:39:43	0.039
72	08/13/2021	07:40:43	0.039
73	08/13/2021	07:41:43	0.038
74	08/13/2021	07:42:43	0.037
75	08/13/2021	07:43:43	0.036
76	08/13/2021	07:44:43	0.036
77	08/13/2021	07:45:43	0.034
78	08/13/2021	07:46:43	0.036
79	08/13/2021	07:47:43	0.035
80	08/13/2021	07:48:43	0.044
81	08/13/2021	07:49:43	0.046
82	08/13/2021	07:50:43	0.042
83	08/13/2021	07:51:43	0.039
84	08/13/2021	07:52:43	0.037
85	08/13/2021	07:53:43	0.032
86	08/13/2021	07:54:43	0.035
87	08/13/2021	07:55:43	0.035
88	08/13/2021	07:56:43	0.031
89	08/13/2021	07:57:43	0.029
90	08/13/2021	07:58:43	0.028
91	08/13/2021	07:59:43	0.029
92	08/13/2021	08:00:43	0.029
93	08/13/2021	08:01:43	0.028
94	08/13/2021	08:02:43	0.029
95	08/13/2021	08:03:43	0.029
96	08/13/2021	08:04:43	0.029
97	08/13/2021	08:05:43	0.029
98	08/13/2021	08:06:43	0.032
99	08/13/2021	08:07:43	0.028
100	08/13/2021	08:08:43	0.025
101	08/13/2021	08:09:43	0.031
102	08/13/2021	08:10:43	0.028
103	08/13/2021	08:11:43	0.026
104	08/13/2021	08:12:43	0.024
105	08/13/2021	08:13:43	0.025
106	08/13/2021	08:14:43	0.026
107	08/13/2021	08:15:43	0.026
108	08/13/2021	08:16:43	0.024
109	08/13/2021	08:17:43	0.025
110	08/13/2021	08:18:43	0.026
111	08/13/2021	08:19:43	0.027
112	08/13/2021	08:20:43	0.028

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
113	08/13/2021	08:21:43	0.024
114	08/13/2021	08:22:43	0.022
115	08/13/2021	08:23:43	0.022
116	08/13/2021	08:24:43	0.025
117	08/13/2021	08:25:43	0.023
118	08/13/2021	08:26:43	0.023
119	08/13/2021	08:27:43	0.024
120	08/13/2021	08:28:43	0.025
121	08/13/2021	08:29:43	0.029
122	08/13/2021	08:30:43	0.037
123	08/13/2021	08:31:43	0.043
124	08/13/2021	08:32:43	0.025
125	08/13/2021	08:33:43	0.022
126	08/13/2021	08:34:43	0.026
127	08/13/2021	08:35:43	0.023
128	08/13/2021	08:36:43	0.023
129	08/13/2021	08:37:43	0.023
130	08/13/2021	08:38:43	0.022
131	08/13/2021	08:39:43	0.023
132	08/13/2021	08:40:43	0.021
133	08/13/2021	08:41:43	0.022
134	08/13/2021	08:42:43	0.023
135	08/13/2021	08:43:43	0.024
136	08/13/2021	08:44:43	0.023
137	08/13/2021	08:45:43	0.023
138	08/13/2021	08:46:43	0.022
139	08/13/2021	08:47:43	0.022
140	08/13/2021	08:48:43	0.021
141	08/13/2021	08:49:43	0.019
142	08/13/2021	08:50:43	0.019
143	08/13/2021	08:51:43	0.020
144	08/13/2021	08:52:43	0.020
145	08/13/2021	08:53:43	0.021
146	08/13/2021	08:54:43	0.020
147	08/13/2021	08:55:43	0.020
148	08/13/2021	08:56:43	0.021
149	08/13/2021	08:57:43	0.022
150	08/13/2021	08:58:43	0.023
151	08/13/2021	08:59:43	0.022
152	08/13/2021	09:00:43	0.022
153	08/13/2021	09:01:43	0.024
154	08/13/2021	09:02:43	0.022
155	08/13/2021	09:03:43	0.021
156	08/13/2021	09:04:43	0.020
157	08/13/2021	09:05:43	0.021
158	08/13/2021	09:06:43	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
159	08/13/2021	09:07:43	0.022
160	08/13/2021	09:08:43	0.023
161	08/13/2021	09:09:43	0.024
162	08/13/2021	09:10:43	0.023
163	08/13/2021	09:11:43	0.023
164	08/13/2021	09:12:43	0.022
165	08/13/2021	09:13:43	0.023
166	08/13/2021	09:14:43	0.023
167	08/13/2021	09:15:43	0.023
168	08/13/2021	09:16:43	0.022
169	08/13/2021	09:17:43	0.023
170	08/13/2021	09:18:43	0.023
171	08/13/2021	09:19:43	0.023
172	08/13/2021	09:20:43	0.022
173	08/13/2021	09:21:43	0.023
174	08/13/2021	09:22:43	0.023
175	08/13/2021	09:23:43	0.022
176	08/13/2021	09:24:43	0.023
177	08/13/2021	09:25:43	0.022
178	08/13/2021	09:26:43	0.022
179	08/13/2021	09:27:43	0.023
180	08/13/2021	09:28:43	0.022
181	08/13/2021	09:29:43	0.025
182	08/13/2021	09:30:43	0.020
183	08/13/2021	09:31:43	0.022
184	08/13/2021	09:32:43	0.021
185	08/13/2021	09:33:43	0.020
186	08/13/2021	09:34:43	0.020
187	08/13/2021	09:35:43	0.020
188	08/13/2021	09:36:43	0.020
189	08/13/2021	09:37:43	0.020
190	08/13/2021	09:38:43	0.020
191	08/13/2021	09:39:43	0.019
192	08/13/2021	09:40:43	0.020
193	08/13/2021	09:41:43	0.020
194	08/13/2021	09:42:43	0.020
195	08/13/2021	09:43:43	0.020
196	08/13/2021	09:44:43	0.020
197	08/13/2021	09:45:43	0.020
198	08/13/2021	09:46:43	0.019
199	08/13/2021	09:47:43	0.020
200	08/13/2021	09:48:43	0.020
201	08/13/2021	09:49:43	0.019
202	08/13/2021	09:50:43	0.019
203	08/13/2021	09:51:43	0.019
204	08/13/2021	09:52:43	0.019

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
205	08/13/2021	09:53:43	0.020
206	08/13/2021	09:54:43	0.020
207	08/13/2021	09:55:43	0.021
208	08/13/2021	09:56:43	0.031
209	08/13/2021	09:57:43	0.021
210	08/13/2021	09:58:43	0.020
211	08/13/2021	09:59:43	0.020
212	08/13/2021	10:00:43	0.021
213	08/13/2021	10:01:43	0.020
214	08/13/2021	10:02:43	0.019
215	08/13/2021	10:03:43	0.019
216	08/13/2021	10:04:43	0.020
217	08/13/2021	10:05:43	0.019
218	08/13/2021	10:06:43	0.019
219	08/13/2021	10:07:43	0.019
220	08/13/2021	10:08:43	0.018
221	08/13/2021	10:09:43	0.017
222	08/13/2021	10:10:43	0.018
223	08/13/2021	10:11:43	0.017
224	08/13/2021	10:12:43	0.015
225	08/13/2021	10:13:43	0.016
226	08/13/2021	10:14:43	0.018
227	08/13/2021	10:15:43	0.019
228	08/13/2021	10:16:43	0.019
229	08/13/2021	10:17:43	0.018
230	08/13/2021	10:18:43	0.019
231	08/13/2021	10:19:43	0.018
232	08/13/2021	10:20:43	0.019
233	08/13/2021	10:21:43	0.018
234	08/13/2021	10:22:43	0.017
235	08/13/2021	10:23:43	0.017
236	08/13/2021	10:24:43	0.018
237	08/13/2021	10:25:43	0.018
238	08/13/2021	10:26:43	0.018
239	08/13/2021	10:27:43	0.023
240	08/13/2021	10:28:43	0.026
241	08/13/2021	10:29:43	0.023
242	08/13/2021	10:30:43	0.024
243	08/13/2021	10:31:43	0.020
244	08/13/2021	10:32:43	0.021
245	08/13/2021	10:33:43	0.018
246	08/13/2021	10:34:43	0.022
247	08/13/2021	10:35:43	0.025
248	08/13/2021	10:36:43	0.024
249	08/13/2021	10:37:43	0.021
250	08/13/2021	10:38:43	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
251	08/13/2021	10:39:43	0.027
252	08/13/2021	10:40:43	0.023
253	08/13/2021	10:41:43	0.025
254	08/13/2021	10:42:43	0.042
255	08/13/2021	10:43:43	0.021
256	08/13/2021	10:44:43	0.022
257	08/13/2021	10:45:43	0.020
258	08/13/2021	10:46:43	0.018
259	08/13/2021	10:47:43	0.018
260	08/13/2021	10:48:43	0.016
261	08/13/2021	10:49:43	0.017
262	08/13/2021	10:50:43	0.017
263	08/13/2021	10:51:43	0.017
264	08/13/2021	10:52:43	0.031
265	08/13/2021	10:53:43	0.020
266	08/13/2021	10:54:43	0.018
267	08/13/2021	10:55:43	0.016
268	08/13/2021	10:56:43	0.016
269	08/13/2021	10:57:43	0.016
270	08/13/2021	10:58:43	0.042
271	08/13/2021	10:59:43	0.101
272	08/13/2021	11:00:43	0.021
273	08/13/2021	11:01:43	0.021
274	08/13/2021	11:02:43	0.017
275	08/13/2021	11:03:43	0.016
276	08/13/2021	11:04:43	0.015
277	08/13/2021	11:05:43	0.014
278	08/13/2021	11:06:43	0.015
279	08/13/2021	11:07:43	0.015
280	08/13/2021	11:08:43	0.019
281	08/13/2021	11:09:43	0.017
282	08/13/2021	11:10:43	0.016
283	08/13/2021	11:11:43	0.015
284	08/13/2021	11:12:43	0.015
285	08/13/2021	11:13:43	0.015
286	08/13/2021	11:14:43	0.015
287	08/13/2021	11:15:43	0.016
288	08/13/2021	11:16:43	0.014
289	08/13/2021	11:17:43	0.015
290	08/13/2021	11:18:43	0.016
291	08/13/2021	11:19:43	0.016
292	08/13/2021	11:20:43	0.016
293	08/13/2021	11:21:43	0.015
294	08/13/2021	11:22:43	0.014
295	08/13/2021	11:23:43	0.014
296	08/13/2021	11:24:43	0.016

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
297	08/13/2021	11:25:43	0.016
298	08/13/2021	11:26:43	0.021
299	08/13/2021	11:27:43	0.015
300	08/13/2021	11:28:43	0.025
301	08/13/2021	11:29:43	0.017
302	08/13/2021	11:30:43	0.015
303	08/13/2021	11:31:43	0.014
304	08/13/2021	11:32:43	0.013
305	08/13/2021	11:33:43	0.011
306	08/13/2021	11:34:43	0.013
307	08/13/2021	11:35:43	0.015
308	08/13/2021	11:36:43	0.021
309	08/13/2021	11:37:43	0.015
310	08/13/2021	11:38:43	0.014
311	08/13/2021	11:39:43	0.015
312	08/13/2021	11:40:43	0.018
313	08/13/2021	11:41:43	0.015
314	08/13/2021	11:42:43	0.016
315	08/13/2021	11:43:43	0.015
316	08/13/2021	11:44:43	0.013
317	08/13/2021	11:45:43	0.013
318	08/13/2021	11:46:43	0.013
319	08/13/2021	11:47:43	0.013
320	08/13/2021	11:48:43	0.014
321	08/13/2021	11:49:43	0.011
322	08/13/2021	11:50:43	0.011
323	08/13/2021	11:51:43	0.010
324	08/13/2021	11:52:43	0.010
325	08/13/2021	11:53:43	0.010
326	08/13/2021	11:54:43	0.010
327	08/13/2021	11:55:43	0.010
328	08/13/2021	11:56:43	0.010
329	08/13/2021	11:57:43	0.011
330	08/13/2021	11:58:43	0.011
331	08/13/2021	11:59:43	0.011
332	08/13/2021	12:00:43	0.010
333	08/13/2021	12:01:43	0.011
334	08/13/2021	12:02:43	0.011
335	08/13/2021	12:03:43	0.010
336	08/13/2021	12:04:43	0.012
337	08/13/2021	12:05:43	0.015
338	08/13/2021	12:06:43	0.013
339	08/13/2021	12:07:43	0.012
340	08/13/2021	12:08:43	0.012
341	08/13/2021	12:09:43	0.010
342	08/13/2021	12:10:43	0.010

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
343	08/13/2021	12:11:43	0.011
344	08/13/2021	12:12:43	0.011
345	08/13/2021	12:13:43	0.013
346	08/13/2021	12:14:43	0.015
347	08/13/2021	12:15:43	0.014
348	08/13/2021	12:16:43	0.016
349	08/13/2021	12:17:43	0.012
350	08/13/2021	12:18:43	0.013
351	08/13/2021	12:19:43	0.012
352	08/13/2021	12:20:43	0.011
353	08/13/2021	12:21:43	0.012
354	08/13/2021	12:22:43	0.012
355	08/13/2021	12:23:43	0.012
356	08/13/2021	12:24:43	0.012
357	08/13/2021	12:25:43	0.016
358	08/13/2021	12:26:43	0.014
359	08/13/2021	12:27:43	0.013
360	08/13/2021	12:28:43	0.020

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/13/2021
Instrument S/N	8530100701	Start Time	05:55:03
		Stop Date	08/13/2021
		Stop Time	12:25:03
		Total Time	0:06:30:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.027 mg/m^3
Max	0.065 mg/m^3
Max Date	08/13/2021
Max Time	06:05:03
Min	0.015 mg/m^3
Min Date	08/13/2021
Min Time	11:55:03
TWA (8 hr)	0.022
TWA Start Date	08/13/2021
TWA Start Time	05:55:03
TWA End Time	12:25:03

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/13/2021	06:05:03	0.065
2	08/13/2021	06:15:03	0.056
3	08/13/2021	06:25:03	0.063
4	08/13/2021	06:35:03	0.047
5	08/13/2021	06:45:03	0.031
6	08/13/2021	06:55:03	0.041
7	08/13/2021	07:05:03	0.045
8	08/13/2021	07:15:03	0.037
9	08/13/2021	07:25:03	0.029
10	08/13/2021	07:35:03	0.031
11	08/13/2021	07:45:03	0.038
12	08/13/2021	07:55:03	0.035
13	08/13/2021	08:05:03	0.029
14	08/13/2021	08:15:03	0.027
15	08/13/2021	08:25:03	0.024
16	08/13/2021	08:35:03	0.019
17	08/13/2021	08:45:03	0.019
18	08/13/2021	08:55:03	0.022
19	08/13/2021	09:05:03	0.020
20	08/13/2021	09:15:03	0.022
21	08/13/2021	09:25:03	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/13/2021	09:35:03	0.021
23	08/13/2021	09:45:03	0.021
24	08/13/2021	09:55:03	0.020
25	08/13/2021	10:05:03	0.020
26	08/13/2021	10:15:03	0.019
27	08/13/2021	10:25:03	0.021
28	08/13/2021	10:35:03	0.021
29	08/13/2021	10:45:03	0.020
30	08/13/2021	10:55:03	0.018
31	08/13/2021	11:05:03	0.020
32	08/13/2021	11:15:03	0.018
33	08/13/2021	11:25:03	0.018
34	08/13/2021	11:35:03	0.016
35	08/13/2021	11:45:03	0.016
36	08/13/2021	11:55:03	0.015
37	08/13/2021	12:05:03	0.016
38	08/13/2021	12:15:03	0.015
39	08/13/2021	12:25:03	0.017

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/16/2021
Instrument S/N	8530100701	Start Time	06:14:19
		Stop Date	08/16/2021
		Stop Time	12:34:19
		Total Time	0:06:20:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/16/2021	06:24:19	0.040
2	08/16/2021	06:34:19	0.040
3	08/16/2021	06:44:19	0.044
4	08/16/2021	06:54:19	0.040
5	08/16/2021	07:04:19	0.039
6	08/16/2021	07:14:19	0.040
7	08/16/2021	07:24:19	0.038
8	08/16/2021	07:34:19	0.041
9	08/16/2021	07:44:19	0.039
10	08/16/2021	07:54:19	0.041
11	08/16/2021	08:04:19	0.046
12	08/16/2021	08:14:19	0.046
13	08/16/2021	08:24:19	0.045
14	08/16/2021	08:34:19	0.046
15	08/16/2021	08:44:19	0.048
16	08/16/2021	08:54:19	0.040
17	08/16/2021	09:04:19	0.037
18	08/16/2021	09:14:19	0.041
19	08/16/2021	09:24:19	0.038
20	08/16/2021	09:34:19	0.032
21	08/16/2021	09:44:19	0.033
22	08/16/2021	09:54:19	0.031
23	08/16/2021	10:04:19	0.030
24	08/16/2021	10:14:19	0.030
25	08/16/2021	10:24:19	0.030
26	08/16/2021	10:34:19	0.030
27	08/16/2021	10:44:19	0.030
28	08/16/2021	10:54:19	0.029
29	08/16/2021	11:04:19	0.030
30	08/16/2021	11:14:19	0.030
31	08/16/2021	11:24:19	0.031
32	08/16/2021	11:34:19	0.031
33	08/16/2021	11:44:19	0.031
34	08/16/2021	11:54:19	0.030
35	08/16/2021	12:04:19	0.030
36	08/16/2021	12:14:19	0.031
37	08/16/2021	12:24:19	0.031
38	08/16/2021	12:34:19	0.031

DustTrak 2-downwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/16/2021
Instrument S/N	8530104101	Start Time	06:19:24
		Stop Date	08/16/2021
		Stop Time	12:47:24
		Total Time	0:06:28:00
		Logging Interval	60 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/16/2021	06:20:24	0.046
2	08/16/2021	06:21:24	0.046
3	08/16/2021	06:22:24	0.046
4	08/16/2021	06:23:24	0.050
5	08/16/2021	06:24:24	0.054
6	08/16/2021	06:25:24	0.050
7	08/16/2021	06:26:24	0.048
8	08/16/2021	06:27:24	0.047
9	08/16/2021	06:28:24	0.052
10	08/16/2021	06:29:24	0.048
11	08/16/2021	06:30:24	0.047
12	08/16/2021	06:31:24	0.047
13	08/16/2021	06:32:24	0.046
14	08/16/2021	06:33:24	0.044
15	08/16/2021	06:34:24	0.164
16	08/16/2021	06:35:24	0.047
17	08/16/2021	06:36:24	0.043
18	08/16/2021	06:37:24	0.043
19	08/16/2021	06:38:24	0.043
20	08/16/2021	06:39:24	0.043
21	08/16/2021	06:40:24	0.044
22	08/16/2021	06:41:24	0.042
23	08/16/2021	06:42:24	0.041
24	08/16/2021	06:43:24	0.040
25	08/16/2021	06:44:24	0.040
26	08/16/2021	06:45:24	0.040
27	08/16/2021	06:46:24	0.040
28	08/16/2021	06:47:24	0.039
29	08/16/2021	06:48:24	0.039
30	08/16/2021	06:49:24	0.039
31	08/16/2021	06:50:24	0.039
32	08/16/2021	06:51:24	0.045
33	08/16/2021	06:52:24	0.122
34	08/16/2021	06:53:24	0.041
35	08/16/2021	06:54:24	0.040
36	08/16/2021	06:55:24	0.042
37	08/16/2021	06:56:24	0.039
38	08/16/2021	06:57:24	0.039

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
39	08/16/2021	06:58:24	0.042
40	08/16/2021	06:59:24	0.042
41	08/16/2021	07:00:24	0.069
42	08/16/2021	07:01:24	0.043
43	08/16/2021	07:02:24	0.043
44	08/16/2021	07:03:24	0.047
45	08/16/2021	07:04:24	0.043
46	08/16/2021	07:05:24	0.043
47	08/16/2021	07:06:24	0.043
48	08/16/2021	07:07:24	0.044
49	08/16/2021	07:08:24	0.048
50	08/16/2021	07:09:24	0.045
51	08/16/2021	07:10:24	0.046
52	08/16/2021	07:11:24	0.045
53	08/16/2021	07:12:24	0.045
54	08/16/2021	07:13:24	0.043
55	08/16/2021	07:14:24	0.044
56	08/16/2021	07:15:24	0.049
57	08/16/2021	07:16:24	0.041
58	08/16/2021	07:17:24	0.041
59	08/16/2021	07:18:24	0.040
60	08/16/2021	07:19:24	0.040
61	08/16/2021	07:20:24	0.039
62	08/16/2021	07:21:24	0.039
63	08/16/2021	07:22:24	0.039
64	08/16/2021	07:23:24	0.041
65	08/16/2021	07:24:24	0.042
66	08/16/2021	07:25:24	0.041
67	08/16/2021	07:26:24	0.042
68	08/16/2021	07:27:24	0.041
69	08/16/2021	07:28:24	0.042
70	08/16/2021	07:29:24	0.044
71	08/16/2021	07:30:24	0.047
72	08/16/2021	07:31:24	0.044
73	08/16/2021	07:32:24	0.046
74	08/16/2021	07:33:24	0.046
75	08/16/2021	07:34:24	0.048
76	08/16/2021	07:35:24	0.045
77	08/16/2021	07:36:24	0.042
78	08/16/2021	07:37:24	0.043
79	08/16/2021	07:38:24	0.043
80	08/16/2021	07:39:24	0.042
81	08/16/2021	07:40:24	0.042
82	08/16/2021	07:41:24	0.042
83	08/16/2021	07:42:24	0.042
84	08/16/2021	07:43:24	0.042
85	08/16/2021	07:44:24	0.041
86	08/16/2021	07:45:24	0.042
87	08/16/2021	07:46:24	0.043
88	08/16/2021	07:47:24	0.042

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
89	08/16/2021	07:48:24	0.042
90	08/16/2021	07:49:24	0.042
91	08/16/2021	07:50:24	0.039
92	08/16/2021	07:51:24	0.042
93	08/16/2021	07:52:24	0.046
94	08/16/2021	07:53:24	0.042
95	08/16/2021	07:54:24	0.044
96	08/16/2021	07:55:24	0.047
97	08/16/2021	07:56:24	0.047
98	08/16/2021	07:57:24	0.047
99	08/16/2021	07:58:24	0.047
100	08/16/2021	07:59:24	0.048
101	08/16/2021	08:00:24	0.048
102	08/16/2021	08:01:24	0.048
103	08/16/2021	08:02:24	0.049
104	08/16/2021	08:03:24	0.047
105	08/16/2021	08:04:24	0.047
106	08/16/2021	08:05:24	0.046
107	08/16/2021	08:06:24	0.046
108	08/16/2021	08:07:24	0.046
109	08/16/2021	08:08:24	0.047
110	08/16/2021	08:09:24	0.047
111	08/16/2021	08:10:24	0.047
112	08/16/2021	08:11:24	0.049
113	08/16/2021	08:12:24	0.047
114	08/16/2021	08:13:24	0.045
115	08/16/2021	08:14:24	0.045
116	08/16/2021	08:15:24	0.046
117	08/16/2021	08:16:24	0.046
118	08/16/2021	08:17:24	0.046
119	08/16/2021	08:18:24	0.046
120	08/16/2021	08:19:24	0.045
121	08/16/2021	08:20:24	0.044
122	08/16/2021	08:21:24	0.045
123	08/16/2021	08:22:24	0.046
124	08/16/2021	08:23:24	0.045
125	08/16/2021	08:24:24	0.048
126	08/16/2021	08:25:24	0.048
127	08/16/2021	08:26:24	0.045
128	08/16/2021	08:27:24	0.046
129	08/16/2021	08:28:24	0.047
130	08/16/2021	08:29:24	0.045
131	08/16/2021	08:30:24	0.049
132	08/16/2021	08:31:24	0.072
133	08/16/2021	08:32:24	0.067
134	08/16/2021	08:33:24	0.048
135	08/16/2021	08:34:24	0.047
136	08/16/2021	08:35:24	0.048
137	08/16/2021	08:36:24	0.047
138	08/16/2021	08:37:24	0.051

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
139	08/16/2021	08:38:24	0.054
140	08/16/2021	08:39:24	0.052
141	08/16/2021	08:40:24	0.053
142	08/16/2021	08:41:24	0.054
143	08/16/2021	08:42:24	0.053
144	08/16/2021	08:43:24	0.048
145	08/16/2021	08:44:24	0.044
146	08/16/2021	08:45:24	0.047
147	08/16/2021	08:46:24	0.047
148	08/16/2021	08:47:24	0.047
149	08/16/2021	08:48:24	0.046
150	08/16/2021	08:49:24	0.049
151	08/16/2021	08:50:24	0.046
152	08/16/2021	08:51:24	0.041
153	08/16/2021	08:52:24	0.039
154	08/16/2021	08:53:24	0.037
155	08/16/2021	08:54:24	0.036
156	08/16/2021	08:55:24	0.035
157	08/16/2021	08:56:24	0.034
158	08/16/2021	08:57:24	0.041
159	08/16/2021	08:58:24	0.043
160	08/16/2021	08:59:24	0.040
161	08/16/2021	09:00:24	0.035
162	08/16/2021	09:01:24	0.035
163	08/16/2021	09:02:24	0.035
164	08/16/2021	09:03:24	0.035
165	08/16/2021	09:04:24	0.036
166	08/16/2021	09:05:24	0.045
167	08/16/2021	09:06:24	0.050
168	08/16/2021	09:07:24	0.046
169	08/16/2021	09:08:24	0.047
170	08/16/2021	09:09:24	0.044
171	08/16/2021	09:10:24	0.053
172	08/16/2021	09:11:24	0.061
173	08/16/2021	09:12:24	0.044
174	08/16/2021	09:13:24	0.047
175	08/16/2021	09:14:24	0.086
176	08/16/2021	09:15:24	0.045
177	08/16/2021	09:16:24	0.041
178	08/16/2021	09:17:24	0.040
179	08/16/2021	09:18:24	0.044
180	08/16/2021	09:19:24	0.039
181	08/16/2021	09:20:24	0.037
182	08/16/2021	09:21:24	0.037
183	08/16/2021	09:22:24	0.035
184	08/16/2021	09:23:24	0.037
185	08/16/2021	09:24:24	0.038
186	08/16/2021	09:25:24	0.036
187	08/16/2021	09:26:24	0.032
188	08/16/2021	09:27:24	0.032

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
189	08/16/2021	09:28:24	0.032
190	08/16/2021	09:29:24	0.033
191	08/16/2021	09:30:24	0.032
192	08/16/2021	09:31:24	0.032
193	08/16/2021	09:32:24	0.031
194	08/16/2021	09:33:24	0.029
195	08/16/2021	09:34:24	0.031
196	08/16/2021	09:35:24	0.036
197	08/16/2021	09:36:24	0.036
198	08/16/2021	09:37:24	0.048
199	08/16/2021	09:38:24	0.040
200	08/16/2021	09:39:24	0.034
201	08/16/2021	09:40:24	0.034
202	08/16/2021	09:41:24	0.034
203	08/16/2021	09:42:24	0.033
204	08/16/2021	09:43:24	0.032
205	08/16/2021	09:44:24	0.033
206	08/16/2021	09:45:24	0.032
207	08/16/2021	09:46:24	0.037
208	08/16/2021	09:47:24	0.049
209	08/16/2021	09:48:24	0.097
210	08/16/2021	09:49:24	0.044
211	08/16/2021	09:50:24	0.053
212	08/16/2021	09:51:24	0.090
213	08/16/2021	09:52:24	0.038
214	08/16/2021	09:53:24	0.035
215	08/16/2021	09:54:24	0.032
216	08/16/2021	09:55:24	0.037
217	08/16/2021	09:56:24	0.041
218	08/16/2021	09:57:24	0.038
219	08/16/2021	09:58:24	0.035
220	08/16/2021	09:59:24	0.031
221	08/16/2021	10:00:24	0.030
222	08/16/2021	10:01:24	0.031
223	08/16/2021	10:02:24	0.034
224	08/16/2021	10:03:24	0.032
225	08/16/2021	10:04:24	0.034
226	08/16/2021	10:05:24	0.036
227	08/16/2021	10:06:24	0.033
228	08/16/2021	10:07:24	0.036
229	08/16/2021	10:08:24	0.032
230	08/16/2021	10:09:24	0.035
231	08/16/2021	10:10:24	0.031
232	08/16/2021	10:11:24	0.035
233	08/16/2021	10:12:24	0.037
234	08/16/2021	10:13:24	0.032
235	08/16/2021	10:14:24	0.035
236	08/16/2021	10:15:24	0.032
237	08/16/2021	10:16:24	0.032
238	08/16/2021	10:17:24	0.086

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
239	08/16/2021	10:18:24	0.041
240	08/16/2021	10:19:24	0.048
241	08/16/2021	10:20:24	0.032
242	08/16/2021	10:21:24	0.031
243	08/16/2021	10:22:24	0.033
244	08/16/2021	10:23:24	0.031
245	08/16/2021	10:24:24	0.030
246	08/16/2021	10:25:24	0.029
247	08/16/2021	10:26:24	0.031
248	08/16/2021	10:27:24	0.033
249	08/16/2021	10:28:24	0.031
250	08/16/2021	10:29:24	0.030
251	08/16/2021	10:30:24	0.032
252	08/16/2021	10:31:24	0.031
253	08/16/2021	10:32:24	0.030
254	08/16/2021	10:33:24	0.031
255	08/16/2021	10:34:24	0.030
256	08/16/2021	10:35:24	0.029
257	08/16/2021	10:36:24	0.032
258	08/16/2021	10:37:24	0.034
259	08/16/2021	10:38:24	0.033
260	08/16/2021	10:39:24	0.031
261	08/16/2021	10:40:24	0.030
262	08/16/2021	10:41:24	0.030
263	08/16/2021	10:42:24	0.030
264	08/16/2021	10:43:24	0.030
265	08/16/2021	10:44:24	0.030
266	08/16/2021	10:45:24	0.030
267	08/16/2021	10:46:24	0.029
268	08/16/2021	10:47:24	0.030
269	08/16/2021	10:48:24	0.034
270	08/16/2021	10:49:24	0.036
271	08/16/2021	10:50:24	0.033
272	08/16/2021	10:51:24	0.031
273	08/16/2021	10:52:24	0.031
274	08/16/2021	10:53:24	0.030
275	08/16/2021	10:54:24	0.030
276	08/16/2021	10:55:24	0.034
277	08/16/2021	10:56:24	0.031
278	08/16/2021	10:57:24	0.032
279	08/16/2021	10:58:24	0.034
280	08/16/2021	10:59:24	0.030
281	08/16/2021	11:00:24	0.030
282	08/16/2021	11:01:24	0.029
283	08/16/2021	11:02:24	0.029
284	08/16/2021	11:03:24	0.031
285	08/16/2021	11:04:24	0.030
286	08/16/2021	11:05:24	0.034
287	08/16/2021	11:06:24	0.032
288	08/16/2021	11:07:24	0.031

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
289	08/16/2021	11:08:24	0.030
290	08/16/2021	11:09:24	0.030
291	08/16/2021	11:10:24	0.030
292	08/16/2021	11:11:24	0.031
293	08/16/2021	11:12:24	0.030
294	08/16/2021	11:13:24	0.031
295	08/16/2021	11:14:24	0.030
296	08/16/2021	11:15:24	0.030
297	08/16/2021	11:16:24	0.030
298	08/16/2021	11:17:24	0.030
299	08/16/2021	11:18:24	0.030
300	08/16/2021	11:19:24	0.030
301	08/16/2021	11:20:24	0.030
302	08/16/2021	11:21:24	0.030
303	08/16/2021	11:22:24	0.032
304	08/16/2021	11:23:24	0.032
305	08/16/2021	11:24:24	0.029
306	08/16/2021	11:25:24	0.030
307	08/16/2021	11:26:24	0.038
308	08/16/2021	11:27:24	0.039
309	08/16/2021	11:28:24	0.036
310	08/16/2021	11:29:24	0.029
311	08/16/2021	11:30:24	0.034
312	08/16/2021	11:31:24	0.036
313	08/16/2021	11:32:24	0.036
314	08/16/2021	11:33:24	0.031
315	08/16/2021	11:34:24	0.035
316	08/16/2021	11:35:24	0.036
317	08/16/2021	11:36:24	0.036
318	08/16/2021	11:37:24	0.036
319	08/16/2021	11:38:24	0.030
320	08/16/2021	11:39:24	0.030
321	08/16/2021	11:40:24	0.033
322	08/16/2021	11:41:24	0.030
323	08/16/2021	11:42:24	0.030
324	08/16/2021	11:43:24	0.030
325	08/16/2021	11:44:24	0.031
326	08/16/2021	11:45:24	0.032
327	08/16/2021	11:46:24	0.032
328	08/16/2021	11:47:24	0.031
329	08/16/2021	11:48:24	0.032
330	08/16/2021	11:49:24	0.031
331	08/16/2021	11:50:24	0.029
332	08/16/2021	11:51:24	0.028
333	08/16/2021	11:52:24	0.029
334	08/16/2021	11:53:24	0.029
335	08/16/2021	11:54:24	0.028
336	08/16/2021	11:55:24	0.029
337	08/16/2021	11:56:24	0.035
338	08/16/2021	11:57:24	0.031

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
339	08/16/2021	11:58:24	0.035
340	08/16/2021	11:59:24	0.030
341	08/16/2021	12:00:24	0.029
342	08/16/2021	12:01:24	0.029
343	08/16/2021	12:02:24	0.039
344	08/16/2021	12:03:24	0.034
345	08/16/2021	12:04:24	0.046
346	08/16/2021	12:05:24	0.064
347	08/16/2021	12:06:24	0.031
348	08/16/2021	12:07:24	0.035
349	08/16/2021	12:08:24	0.028
350	08/16/2021	12:09:24	0.034
351	08/16/2021	12:10:24	0.036
352	08/16/2021	12:11:24	0.033
353	08/16/2021	12:12:24	0.031
354	08/16/2021	12:13:24	0.033
355	08/16/2021	12:14:24	0.032
356	08/16/2021	12:15:24	0.030
357	08/16/2021	12:16:24	0.028
358	08/16/2021	12:17:24	0.029
359	08/16/2021	12:18:24	0.030
360	08/16/2021	12:19:24	0.034
361	08/16/2021	12:20:24	0.031
362	08/16/2021	12:21:24	0.031
363	08/16/2021	12:22:24	0.033
364	08/16/2021	12:23:24	0.031
365	08/16/2021	12:24:24	0.029
366	08/16/2021	12:25:24	0.030
367	08/16/2021	12:26:24	0.035
368	08/16/2021	12:27:24	0.036
369	08/16/2021	12:28:24	0.032
370	08/16/2021	12:29:24	0.030
371	08/16/2021	12:30:24	0.038
372	08/16/2021	12:31:24	0.037
373	08/16/2021	12:32:24	0.034
374	08/16/2021	12:33:24	0.034
375	08/16/2021	12:34:24	0.033
376	08/16/2021	12:35:24	0.031
377	08/16/2021	12:36:24	0.033
378	08/16/2021	12:37:24	0.031
379	08/16/2021	12:38:24	0.036
380	08/16/2021	12:39:24	0.033
381	08/16/2021	12:40:24	0.035
382	08/16/2021	12:41:24	0.039
383	08/16/2021	12:42:24	0.037
384	08/16/2021	12:43:24	0.031
385	08/16/2021	12:44:24	0.031
386	08/16/2021	12:45:24	0.031
387	08/16/2021	12:46:24	0.037
388	08/16/2021	12:47:24	0.039

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**

DustTrak 1-upwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/17/2021
Instrument S/N	8530104101	Start Time	06:11:24
		Stop Date	08/17/2021
		Stop Time	12:31:24
		Total Time	0:06:20:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/17/2021	06:21:24	0.051
2	08/17/2021	06:31:24	0.052
3	08/17/2021	06:41:24	0.052
4	08/17/2021	06:51:24	0.054
5	08/17/2021	07:01:24	0.054
6	08/17/2021	07:11:24	0.054
7	08/17/2021	07:21:24	0.053
8	08/17/2021	07:31:24	0.053
9	08/17/2021	07:41:24	0.054
10	08/17/2021	07:51:24	0.055
11	08/17/2021	08:01:24	0.054
12	08/17/2021	08:11:24	0.053
13	08/17/2021	08:21:24	0.054
14	08/17/2021	08:31:24	0.055
15	08/17/2021	08:41:24	0.055
16	08/17/2021	08:51:24	0.058
17	08/17/2021	09:01:24	0.057
18	08/17/2021	09:11:24	0.064
19	08/17/2021	09:21:24	0.055
20	08/17/2021	09:31:24	0.057
21	08/17/2021	09:41:24	0.056
22	08/17/2021	09:51:24	0.051
23	08/17/2021	10:01:24	0.050
24	08/17/2021	10:11:24	0.049
25	08/17/2021	10:21:24	0.051
26	08/17/2021	10:31:24	0.042
27	08/17/2021	10:41:24	0.042
28	08/17/2021	10:51:24	0.040
29	08/17/2021	11:01:24	0.039
30	08/17/2021	11:11:24	0.037
31	08/17/2021	11:21:24	0.040
32	08/17/2021	11:31:24	0.044
33	08/17/2021	11:41:24	0.043
34	08/17/2021	11:51:24	0.043
35	08/17/2021	12:01:24	0.036
36	08/17/2021	12:11:24	0.037
37	08/17/2021	12:21:24	0.037
38	08/17/2021	12:31:24	0.035

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/17/2021
Instrument S/N	8530100701	Start Time	06:16:01
		Stop Date	08/17/2021
		Stop Time	12:26:01
		Total Time	0:06:10:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/17/2021	06:26:01	0.046
2	08/17/2021	06:36:01	0.046
3	08/17/2021	06:46:01	0.047
4	08/17/2021	06:56:01	0.049
5	08/17/2021	07:06:01	0.048
6	08/17/2021	07:16:01	0.053
7	08/17/2021	07:26:01	0.052
8	08/17/2021	07:36:01	0.051
9	08/17/2021	07:46:01	0.053
10	08/17/2021	07:56:01	0.052
11	08/17/2021	08:06:01	0.050
12	08/17/2021	08:16:01	0.052
13	08/17/2021	08:26:01	0.053
14	08/17/2021	08:36:01	0.053
15	08/17/2021	08:46:01	0.050
16	08/17/2021	08:56:01	0.050
17	08/17/2021	09:06:01	0.049
18	08/17/2021	09:16:01	0.049
19	08/17/2021	09:26:01	0.048
20	08/17/2021	09:36:01	0.046
21	08/17/2021	09:46:01	0.043
22	08/17/2021	09:56:01	0.041
23	08/17/2021	10:06:01	0.039
24	08/17/2021	10:16:01	0.038
25	08/17/2021	10:26:01	0.037
26	08/17/2021	10:36:01	0.035
27	08/17/2021	10:46:01	0.034
28	08/17/2021	10:56:01	0.034
29	08/17/2021	11:06:01	0.033
30	08/17/2021	11:16:01	0.032
31	08/17/2021	11:26:01	0.033
32	08/17/2021	11:36:01	0.032
33	08/17/2021	11:46:01	0.032
34	08/17/2021	11:56:01	0.033
35	08/17/2021	12:06:01	0.032
36	08/17/2021	12:16:01	0.032
37	08/17/2021	12:26:01	0.031

DustTrak 1-upwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/18/2021
Instrument S/N	8530104101	Start Time	05:36:55
		Stop Date	08/18/2021
		Stop Time	13:26:55
		Total Time	0:07:50:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/18/2021	05:46:55	0.034
2	08/18/2021	05:56:55	0.036
3	08/18/2021	06:06:55	0.036
4	08/18/2021	06:16:55	0.036
5	08/18/2021	06:26:55	0.032
6	08/18/2021	06:36:55	0.028
7	08/18/2021	06:46:55	0.028
8	08/18/2021	06:56:55	0.031
9	08/18/2021	07:06:55	0.028
10	08/18/2021	07:16:55	0.025
11	08/18/2021	07:26:55	0.024
12	08/18/2021	07:36:55	0.024
13	08/18/2021	07:46:55	0.025
14	08/18/2021	07:56:55	0.024
15	08/18/2021	08:06:55	0.025
16	08/18/2021	08:16:55	0.027
17	08/18/2021	08:26:55	0.027
18	08/18/2021	08:36:55	0.029
19	08/18/2021	08:46:55	0.030
20	08/18/2021	08:56:55	0.028
21	08/18/2021	09:06:55	0.034
22	08/18/2021	09:16:55	0.033
23	08/18/2021	09:26:55	0.029
24	08/18/2021	09:36:55	0.031
25	08/18/2021	09:46:55	0.035
26	08/18/2021	09:56:55	0.031
27	08/18/2021	10:06:55	0.026
28	08/18/2021	10:16:55	0.029
29	08/18/2021	10:26:55	0.031
30	08/18/2021	10:36:55	0.032
31	08/18/2021	10:46:55	0.029
32	08/18/2021	10:56:55	0.029
33	08/18/2021	11:06:55	0.028
34	08/18/2021	11:16:55	0.029
35	08/18/2021	11:26:55	0.026
36	08/18/2021	11:36:55	0.023
37	08/18/2021	11:46:55	0.022
38	08/18/2021	11:56:55	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
39	08/18/2021	12:06:55	0.025
40	08/18/2021	12:16:55	0.022
41	08/18/2021	12:26:55	0.021
42	08/18/2021	12:36:55	0.019
43	08/18/2021	12:46:55	0.017
44	08/18/2021	12:56:55	0.014
45	08/18/2021	13:06:55	0.010
46	08/18/2021	13:16:55	0.015
47	08/18/2021	13:26:55	0.019

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/18/2021
Instrument S/N	8530100701	Start Time	05:25:51
		Stop Date	08/18/2021
		Stop Time	13:25:51
		Total Time	0:08:00:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/18/2021	05:35:51	0.040
2	08/18/2021	05:45:51	0.036
3	08/18/2021	05:55:51	0.036
4	08/18/2021	06:05:51	0.036
5	08/18/2021	06:15:51	0.035
6	08/18/2021	06:25:51	0.034
7	08/18/2021	06:35:51	0.032
8	08/18/2021	06:45:51	0.031
9	08/18/2021	06:55:51	0.030
10	08/18/2021	07:05:51	0.030
11	08/18/2021	07:15:51	0.030
12	08/18/2021	07:25:51	0.030
13	08/18/2021	07:35:51	0.033
14	08/18/2021	07:45:51	0.036
15	08/18/2021	07:55:51	0.033
16	08/18/2021	08:05:51	0.030
17	08/18/2021	08:15:51	0.032
18	08/18/2021	08:25:51	0.033
19	08/18/2021	08:35:51	0.029
20	08/18/2021	08:45:51	0.030
21	08/18/2021	08:55:51	0.030
22	08/18/2021	09:05:51	0.031
23	08/18/2021	09:15:51	0.031
24	08/18/2021	09:25:51	0.031
25	08/18/2021	09:35:51	0.031
26	08/18/2021	09:45:51	0.031
27	08/18/2021	09:55:51	0.031
28	08/18/2021	10:05:51	0.031
29	08/18/2021	10:15:51	0.032
30	08/18/2021	10:25:51	0.032
31	08/18/2021	10:35:51	0.033
32	08/18/2021	10:45:51	0.031
33	08/18/2021	10:55:51	0.031
34	08/18/2021	11:05:51	0.031
35	08/18/2021	11:15:51	0.029
36	08/18/2021	11:25:51	0.028
37	08/18/2021	11:35:51	0.027
38	08/18/2021	11:45:51	0.026
39	08/18/2021	11:55:51	0.026

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/18/2021	12:05:51	0.024
41	08/18/2021	12:15:51	0.023
42	08/18/2021	12:25:51	0.022
43	08/18/2021	12:35:51	0.021
44	08/18/2021	12:45:51	0.019
45	08/18/2021	12:55:51	0.014
46	08/18/2021	13:05:51	0.012
47	08/18/2021	13:15:51	0.013
48	08/18/2021	13:25:51	0.015

DustTrak 1-upwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/19/2021
Instrument S/N	8530104101	Start Time	05:55:07
		Stop Date	08/19/2021
		Stop Time	14:15:07
		Total Time	0:08:20:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.030 mg/m^3
Max	0.063 mg/m^3
Max Date	08/19/2021
Max Time	07:15:07
Min	0.023 mg/m^3
Min Date	08/19/2021
Min Time	09:25:07
TWA (8 hr)	0.030
TWA Start Date	08/19/2021
TWA Start Time	05:55:07
TWA End Time	14:15:07

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/19/2021	06:05:07	0.030
2	08/19/2021	06:15:07	0.032
3	08/19/2021	06:25:07	0.035
4	08/19/2021	06:35:07	0.028
5	08/19/2021	06:45:07	0.029
6	08/19/2021	06:55:07	0.033
7	08/19/2021	07:05:07	0.035
8	08/19/2021	07:15:07	0.063
9	08/19/2021	07:25:07	0.031
10	08/19/2021	07:35:07	0.030
11	08/19/2021	07:45:07	0.031
12	08/19/2021	07:55:07	0.033
13	08/19/2021	08:05:07	0.029
14	08/19/2021	08:15:07	0.033
15	08/19/2021	08:25:07	0.030
16	08/19/2021	08:35:07	0.028
17	08/19/2021	08:45:07	0.028
18	08/19/2021	08:55:07	0.037
19	08/19/2021	09:05:07	0.031
20	08/19/2021	09:15:07	0.025
21	08/19/2021	09:25:07	0.023
22	08/19/2021	09:35:07	0.027
23	08/19/2021	09:45:07	0.024
24	08/19/2021	09:55:07	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
25	08/19/2021	10:05:07	0.024
26	08/19/2021	10:15:07	0.023
27	08/19/2021	10:25:07	0.023
28	08/19/2021	10:35:07	0.024
29	08/19/2021	10:45:07	0.034
30	08/19/2021	10:55:07	0.039
31	08/19/2021	11:05:07	0.038
32	08/19/2021	11:15:07	0.033
33	08/19/2021	11:25:07	0.030
34	08/19/2021	11:35:07	0.030
35	08/19/2021	11:45:07	0.029
36	08/19/2021	11:55:07	0.029
37	08/19/2021	12:05:07	0.028
38	08/19/2021	12:15:07	0.029
39	08/19/2021	12:25:07	0.028
40	08/19/2021	12:35:07	0.043
41	08/19/2021	12:45:07	0.026
42	08/19/2021	12:55:07	0.028
43	08/19/2021	13:05:07	0.025
44	08/19/2021	13:15:07	0.025
45	08/19/2021	13:25:07	0.026
46	08/19/2021	13:35:07	0.036
47	08/19/2021	13:45:07	0.028
48	08/19/2021	13:55:07	0.030
49	08/19/2021	14:05:07	0.028
50	08/19/2021	14:15:07	0.033

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/19/2021
Instrument S/N	8530100701	Start Time	06:06:21
		Stop Date	08/19/2021
		Stop Time	14:16:21
		Total Time	0:08:10:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/19/2021	06:16:21	0.027
2	08/19/2021	06:26:21	0.027
3	08/19/2021	06:36:21	0.026
4	08/19/2021	06:46:21	0.026
5	08/19/2021	06:56:21	0.026
6	08/19/2021	07:06:21	0.026
7	08/19/2021	07:16:21	0.026
8	08/19/2021	07:26:21	0.027
9	08/19/2021	07:36:21	0.031
10	08/19/2021	07:46:21	0.032
11	08/19/2021	07:56:21	0.028
12	08/19/2021	08:06:21	0.026
13	08/19/2021	08:16:21	0.026
14	08/19/2021	08:26:21	0.027
15	08/19/2021	08:36:21	0.027
16	08/19/2021	08:46:21	0.027
17	08/19/2021	08:56:21	0.026
18	08/19/2021	09:06:21	0.025
19	08/19/2021	09:16:21	0.025
20	08/19/2021	09:26:21	0.023
21	08/19/2021	09:36:21	0.023
22	08/19/2021	09:46:21	0.023
23	08/19/2021	09:56:21	0.022
24	08/19/2021	10:06:21	0.023
25	08/19/2021	10:16:21	0.022
26	08/19/2021	10:26:21	0.022
27	08/19/2021	10:36:21	0.024
28	08/19/2021	10:46:21	0.025
29	08/19/2021	10:56:21	0.025
30	08/19/2021	11:06:21	0.031
31	08/19/2021	11:16:21	0.026
32	08/19/2021	11:26:21	0.027
33	08/19/2021	11:36:21	0.027
34	08/19/2021	11:46:21	0.028
35	08/19/2021	11:56:21	0.024
36	08/19/2021	12:06:21	0.023
37	08/19/2021	12:16:21	0.024
38	08/19/2021	12:26:21	0.023
39	08/19/2021	12:36:21	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/19/2021	12:46:21	0.024
41	08/19/2021	12:56:21	0.024
42	08/19/2021	13:06:21	0.025
43	08/19/2021	13:16:21	0.024
44	08/19/2021	13:26:21	0.024
45	08/19/2021	13:36:21	0.024
46	08/19/2021	13:46:21	0.026
47	08/19/2021	13:56:21	0.026
48	08/19/2021	14:06:21	0.026
49	08/19/2021	14:16:21	0.026

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/20/2021
Instrument S/N	8530100701	Start Time	06:06:31
		Stop Date	08/20/2021
		Stop Time	13:46:31
		Total Time	0:07:40:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.027 mg/m^3
Max	0.036 mg/m^3
Max Date	08/20/2021
Max Time	09:06:31
Min	0.019 mg/m^3
Min Date	08/20/2021
Min Time	06:16:31
TWA (8 hr)	0.026
TWA Start Date	08/20/2021
TWA Start Time	06:06:31
TWA End Time	13:46:31

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/20/2021	06:16:31	0.019
2	08/20/2021	06:26:31	0.021
3	08/20/2021	06:36:31	0.021
4	08/20/2021	06:46:31	0.022
5	08/20/2021	06:56:31	0.026
6	08/20/2021	07:06:31	0.027
7	08/20/2021	07:16:31	0.024
8	08/20/2021	07:26:31	0.027
9	08/20/2021	07:36:31	0.021
10	08/20/2021	07:46:31	0.019
11	08/20/2021	07:56:31	0.020
12	08/20/2021	08:06:31	0.022
13	08/20/2021	08:16:31	0.024
14	08/20/2021	08:26:31	0.027
15	08/20/2021	08:36:31	0.029
16	08/20/2021	08:46:31	0.029
17	08/20/2021	08:56:31	0.033
18	08/20/2021	09:06:31	0.036
19	08/20/2021	09:16:31	0.034
20	08/20/2021	09:26:31	0.035
21	08/20/2021	09:36:31	0.036
22	08/20/2021	09:46:31	0.035
23	08/20/2021	09:56:31	0.033
24	08/20/2021	10:06:31	0.033
25	08/20/2021	10:16:31	0.031

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/20/2021	10:26:31	0.035
27	08/20/2021	10:36:31	0.033
28	08/20/2021	10:46:31	0.031
29	08/20/2021	10:56:31	0.031
30	08/20/2021	11:06:31	0.034
31	08/20/2021	11:16:31	0.031
32	08/20/2021	11:26:31	0.027
33	08/20/2021	11:36:31	0.027
34	08/20/2021	11:46:31	0.025
35	08/20/2021	11:56:31	0.022
36	08/20/2021	12:06:31	0.024
37	08/20/2021	12:16:31	0.023
38	08/20/2021	12:26:31	0.025
39	08/20/2021	12:36:31	0.023
40	08/20/2021	12:46:31	0.022
41	08/20/2021	12:56:31	0.022
42	08/20/2021	13:06:31	0.024
43	08/20/2021	13:16:31	0.023
44	08/20/2021	13:26:31	0.023
45	08/20/2021	13:36:31	0.024
46	08/20/2021	13:46:31	0.025

DustTrak 2-downwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/20/2021
Instrument S/N	8530104101	Start Time	05:53:53
		Stop Date	08/20/2021
		Stop Time	13:43:53
		Total Time	0:07:50:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/20/2021	06:03:53	0.017
2	08/20/2021	06:13:53	0.017
3	08/20/2021	06:23:53	0.018
4	08/20/2021	06:33:53	0.020
5	08/20/2021	06:43:53	0.021
6	08/20/2021	06:53:53	0.035
7	08/20/2021	07:03:53	0.024
8	08/20/2021	07:13:53	0.076
9	08/20/2021	07:23:53	0.059
10	08/20/2021	07:33:53	0.030
11	08/20/2021	07:43:53	0.022
12	08/20/2021	07:53:53	0.039
13	08/20/2021	08:03:53	0.036
14	08/20/2021	08:13:53	0.027
15	08/20/2021	08:23:53	0.032
16	08/20/2021	08:33:53	0.040
17	08/20/2021	08:43:53	0.035
18	08/20/2021	08:53:53	0.039
19	08/20/2021	09:03:53	0.049
20	08/20/2021	09:13:53	0.034
21	08/20/2021	09:23:53	0.033
22	08/20/2021	09:33:53	0.034
23	08/20/2021	09:43:53	0.034
24	08/20/2021	09:53:53	0.034
25	08/20/2021	10:03:53	0.034
26	08/20/2021	10:13:53	0.037
27	08/20/2021	10:23:53	0.037
28	08/20/2021	10:33:53	0.034
29	08/20/2021	10:43:53	0.042
30	08/20/2021	10:53:53	0.039
31	08/20/2021	11:03:53	0.031
32	08/20/2021	11:13:53	0.030
33	08/20/2021	11:23:53	0.027
34	08/20/2021	11:33:53	0.028
35	08/20/2021	11:43:53	0.023
36	08/20/2021	11:53:53	0.022
37	08/20/2021	12:03:53	0.021
38	08/20/2021	12:13:53	0.021

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
39	08/20/2021	12:23:53	0.022
40	08/20/2021	12:33:53	0.024
41	08/20/2021	12:43:53	0.022
42	08/20/2021	12:53:53	0.029
43	08/20/2021	13:03:53	0.032
44	08/20/2021	13:13:53	0.028
45	08/20/2021	13:23:53	0.028
46	08/20/2021	13:33:53	0.029
47	08/20/2021	13:43:53	0.034

DustTrak 1-upwind

ERROR: FILTER,

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/23/2021
Instrument S/N	8530104101	Start Time	05:49:22
		Stop Date	08/23/2021
		Stop Time	14:29:22
		Total Time	0:08:40:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.065 mg/m^3
Max	0.091 mg/m^3
Max Date	08/23/2021
Max Time	08:29:22
Min	0.044 mg/m^3
Min Date	08/23/2021
Min Time	14:29:22
TWA (8 hr)	0.067
TWA Start Date	08/23/2021
TWA Start Time	05:49:22
TWA End Time	14:29:22

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/23/2021	05:59:22	0.076
2	08/23/2021	06:09:22	0.081
3	08/23/2021	06:19:22	0.082
4	08/23/2021	06:29:22	0.084
5	08/23/2021	06:39:22	0.080
6	08/23/2021	06:49:22	0.078
7	08/23/2021	06:59:22	0.072
8	08/23/2021	07:09:22	0.077
9	08/23/2021	07:19:22	0.078
10	08/23/2021	07:29:22	0.079
11	08/23/2021	07:39:22	0.076
12	08/23/2021	07:49:22	0.069
13	08/23/2021	07:59:22	0.067
14	08/23/2021	08:09:22	0.070
15	08/23/2021	08:19:22	0.081
16	08/23/2021	08:29:22	0.091
17	08/23/2021	08:39:22	0.086
18	08/23/2021	08:49:22	0.078
19	08/23/2021	08:59:22	0.080
20	08/23/2021	09:09:22	0.085

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
21	08/23/2021	09:19:22	0.091
22	08/23/2021	09:29:22	0.079
23	08/23/2021	09:39:22	0.075
24	08/23/2021	09:49:22	0.075
25	08/23/2021	09:59:22	0.067
26	08/23/2021	10:09:22	0.065
27	08/23/2021	10:19:22	0.064
28	08/23/2021	10:29:22	0.062
29	08/23/2021	10:39:22	0.062
30	08/23/2021	10:49:22	0.063
31	08/23/2021	10:59:22	0.060
32	08/23/2021	11:09:22	0.060
33	08/23/2021	11:19:22	0.058
34	08/23/2021	11:29:22	0.059
35	08/23/2021	11:39:22	0.058
36	08/23/2021	11:49:22	0.054
37	08/23/2021	11:59:22	0.050
38	08/23/2021	12:09:22	0.048
39	08/23/2021	12:19:22	0.048
40	08/23/2021	12:29:22	0.045
41	08/23/2021	12:39:22	0.045
42	08/23/2021	12:49:22	0.048
43	08/23/2021	12:59:22	0.050
44	08/23/2021	13:09:22	0.048
45	08/23/2021	13:19:22	0.048
46	08/23/2021	13:29:22	0.047
47	08/23/2021	13:39:22	0.050
48	08/23/2021	13:49:22	0.047
49	08/23/2021	13:59:22	0.052
50	08/23/2021	14:09:22	0.048
51	08/23/2021	14:19:22	0.046
52	08/23/2021	14:29:22	0.044

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/23/2021
Instrument S/N	8530100701	Start Time	05:42:11
		Stop Date	08/23/2021
		Stop Time	14:32:11
		Total Time	0:08:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.058 mg/m^3
Max	0.077 mg/m^3
Max Date	08/23/2021
Max Time	07:22:11
Min	0.040 mg/m^3
Min Date	08/23/2021
Min Time	13:02:11
TWA (8 hr)	0.059
TWA Start Date	08/23/2021
TWA Start Time	05:42:11
TWA End Time	14:32:11

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/23/2021	05:52:11	0.071
2	08/23/2021	06:02:11	0.067
3	08/23/2021	06:12:11	0.068
4	08/23/2021	06:22:11	0.064
5	08/23/2021	06:32:11	0.063
6	08/23/2021	06:42:11	0.063
7	08/23/2021	06:52:11	0.067
8	08/23/2021	07:02:11	0.067
9	08/23/2021	07:12:11	0.068
10	08/23/2021	07:22:11	0.077
11	08/23/2021	07:32:11	0.077
12	08/23/2021	07:42:11	0.071
13	08/23/2021	07:52:11	0.071
14	08/23/2021	08:02:11	0.069
15	08/23/2021	08:12:11	0.066
16	08/23/2021	08:22:11	0.069
17	08/23/2021	08:32:11	0.071
18	08/23/2021	08:42:11	0.071
19	08/23/2021	08:52:11	0.071
20	08/23/2021	09:02:11	0.071
21	08/23/2021	09:12:11	0.071

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/23/2021	09:22:11	0.071
23	08/23/2021	09:32:11	0.070
24	08/23/2021	09:42:11	0.067
25	08/23/2021	09:52:11	0.062
26	08/23/2021	10:02:11	0.058
27	08/23/2021	10:12:11	0.056
28	08/23/2021	10:22:11	0.057
29	08/23/2021	10:32:11	0.057
30	08/23/2021	10:42:11	0.055
31	08/23/2021	10:52:11	0.055
32	08/23/2021	11:02:11	0.055
33	08/23/2021	11:12:11	0.055
34	08/23/2021	11:22:11	0.054
35	08/23/2021	11:32:11	0.055
36	08/23/2021	11:42:11	0.052
37	08/23/2021	11:52:11	0.048
38	08/23/2021	12:02:11	0.045
39	08/23/2021	12:12:11	0.041
40	08/23/2021	12:22:11	0.041
41	08/23/2021	12:32:11	0.041
42	08/23/2021	12:42:11	0.041
43	08/23/2021	12:52:11	0.041
44	08/23/2021	13:02:11	0.040
45	08/23/2021	13:12:11	0.041
46	08/23/2021	13:22:11	0.042
47	08/23/2021	13:32:11	0.042
48	08/23/2021	13:42:11	0.042
49	08/23/2021	13:52:11	0.043
50	08/23/2021	14:02:11	0.043
51	08/23/2021	14:12:11	0.043
52	08/23/2021	14:22:11	0.043
53	08/23/2021	14:32:11	0.043

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/24/2021
Instrument S/N	8530100701	Start Time	05:36:28
		Stop Date	08/24/2021
		Stop Time	14:26:28
		Total Time	0:08:50:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/24/2021	05:46:28	0.074
2	08/24/2021	05:56:28	0.076
3	08/24/2021	06:06:28	0.075
4	08/24/2021	06:16:28	0.069
5	08/24/2021	06:26:28	0.079
6	08/24/2021	06:36:28	0.074
7	08/24/2021	06:46:28	0.068
8	08/24/2021	06:56:28	0.072
9	08/24/2021	07:06:28	0.071
10	08/24/2021	07:16:28	0.078
11	08/24/2021	07:26:28	0.076
12	08/24/2021	07:36:28	0.076
13	08/24/2021	07:46:28	0.072
14	08/24/2021	07:56:28	0.070
15	08/24/2021	08:06:28	0.068
16	08/24/2021	08:16:28	0.067
17	08/24/2021	08:26:28	0.066
18	08/24/2021	08:36:28	0.067
19	08/24/2021	08:46:28	0.067
20	08/24/2021	08:56:28	0.065
21	08/24/2021	09:06:28	0.066
22	08/24/2021	09:16:28	0.066
23	08/24/2021	09:26:28	0.067
24	08/24/2021	09:36:28	0.070
25	08/24/2021	09:46:28	0.075
26	08/24/2021	09:56:28	0.074
27	08/24/2021	10:06:28	0.072
28	08/24/2021	10:16:28	0.077
29	08/24/2021	10:26:28	0.067
30	08/24/2021	10:36:28	0.064
31	08/24/2021	10:46:28	0.063
32	08/24/2021	10:56:28	0.060
33	08/24/2021	11:06:28	0.060
34	08/24/2021	11:16:28	0.061
35	08/24/2021	11:26:28	0.059
36	08/24/2021	11:36:28	0.061
37	08/24/2021	11:46:28	0.063
38	08/24/2021	11:56:28	0.058
39	08/24/2021	12:06:28	0.062

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/24/2021	12:16:28	0.063
41	08/24/2021	12:26:28	0.067
42	08/24/2021	12:36:28	0.064
43	08/24/2021	12:46:28	0.075
44	08/24/2021	12:56:28	0.071
45	08/24/2021	13:06:28	0.071
46	08/24/2021	13:16:28	0.077
47	08/24/2021	13:26:28	0.076
48	08/24/2021	13:36:28	0.075
49	08/24/2021	13:46:28	0.070
50	08/24/2021	13:56:28	0.071
51	08/24/2021	14:06:28	0.072
52	08/24/2021	14:16:28	0.070
53	08/24/2021	14:26:28	0.068

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/24/2021
Instrument S/N	8530104101	Start Time	05:32:27
		Stop Date	08/24/2021
		Stop Time	14:32:27
		Total Time	0:09:00:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.070 mg/m^3
Max	0.084 mg/m^3
Max Date	08/24/2021
Max Time	07:12:27
Min	0.057 mg/m^3
Min Date	08/24/2021
Min Time	11:52:27
TWA (8 hr)	0.070
TWA Start Date	08/24/2021
TWA Start Time	05:32:27
TWA End Time	14:32:27

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/24/2021	05:42:27	0.079
2	08/24/2021	05:52:27	0.079
3	08/24/2021	06:02:27	0.076
4	08/24/2021	06:12:27	0.071
5	08/24/2021	06:22:27	0.071
6	08/24/2021	06:32:27	0.073
7	08/24/2021	06:42:27	0.072
8	08/24/2021	06:52:27	0.074
9	08/24/2021	07:02:27	0.080
10	08/24/2021	07:12:27	0.084
11	08/24/2021	07:22:27	0.081
12	08/24/2021	07:32:27	0.081
13	08/24/2021	07:42:27	0.077
14	08/24/2021	07:52:27	0.076
15	08/24/2021	08:02:27	0.078
16	08/24/2021	08:12:27	0.074
17	08/24/2021	08:22:27	0.076
18	08/24/2021	08:32:27	0.076
19	08/24/2021	08:42:27	0.075
20	08/24/2021	08:52:27	0.076
21	08/24/2021	09:02:27	0.071
22	08/24/2021	09:12:27	0.072
23	08/24/2021	09:22:27	0.072
24	08/24/2021	09:32:27	0.072
25	08/24/2021	09:42:27	0.077

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/24/2021	09:52:27	0.078
27	08/24/2021	10:02:27	0.075
28	08/24/2021	10:12:27	0.073
29	08/24/2021	10:22:27	0.069
30	08/24/2021	10:32:27	0.066
31	08/24/2021	10:42:27	0.062
32	08/24/2021	10:52:27	0.060
33	08/24/2021	11:02:27	0.061
34	08/24/2021	11:12:27	0.060
35	08/24/2021	11:22:27	0.059
36	08/24/2021	11:32:27	0.059
37	08/24/2021	11:42:27	0.058
38	08/24/2021	11:52:27	0.057
39	08/24/2021	12:02:27	0.058
40	08/24/2021	12:12:27	0.060
41	08/24/2021	12:22:27	0.062
42	08/24/2021	12:32:27	0.063
43	08/24/2021	12:42:27	0.065
44	08/24/2021	12:52:27	0.069
45	08/24/2021	13:02:27	0.065
46	08/24/2021	13:12:27	0.069
47	08/24/2021	13:22:27	0.072
48	08/24/2021	13:32:27	0.065
49	08/24/2021	13:42:27	0.060
50	08/24/2021	13:52:27	0.065
51	08/24/2021	14:02:27	0.063
52	08/24/2021	14:12:27	0.062
53	08/24/2021	14:22:27	0.062
54	08/24/2021	14:32:27	0.064

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/25/2021
Instrument S/N	8530104101	Start Time	05:43:13
		Stop Date	08/25/2021
		Stop Time	14:43:13
		Total Time	0:09:00:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.072 mg/m^3
Max	0.111 mg/m^3
Max Date	08/25/2021
Max Time	07:03:13
Min	0.053 mg/m^3
Min Date	08/25/2021
Min Time	12:03:13
TWA (8 hr)	0.071
TWA Start Date	08/25/2021
TWA Start Time	05:43:13
TWA End Time	14:43:13

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/25/2021	05:53:13	0.061
2	08/25/2021	06:03:13	0.062
3	08/25/2021	06:13:13	0.065
4	08/25/2021	06:23:13	0.063
5	08/25/2021	06:33:13	0.066
6	08/25/2021	06:43:13	0.076
7	08/25/2021	06:53:13	0.089
8	08/25/2021	07:03:13	0.111
9	08/25/2021	07:13:13	0.087
10	08/25/2021	07:23:13	0.082
11	08/25/2021	07:33:13	0.080
12	08/25/2021	07:43:13	0.085
13	08/25/2021	07:53:13	0.089
14	08/25/2021	08:03:13	0.086
15	08/25/2021	08:13:13	0.083
16	08/25/2021	08:23:13	0.075
17	08/25/2021	08:33:13	0.072
18	08/25/2021	08:43:13	0.073
19	08/25/2021	08:53:13	0.075
20	08/25/2021	09:03:13	0.076
21	08/25/2021	09:13:13	0.075
22	08/25/2021	09:23:13	0.076
23	08/25/2021	09:33:13	0.076
24	08/25/2021	09:43:13	0.075
25	08/25/2021	09:53:13	0.076

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/25/2021	10:03:13	0.077
27	08/25/2021	10:13:13	0.077
28	08/25/2021	10:23:13	0.076
29	08/25/2021	10:33:13	0.071
30	08/25/2021	10:43:13	0.068
31	08/25/2021	10:53:13	0.066
32	08/25/2021	11:03:13	0.062
33	08/25/2021	11:13:13	0.059
34	08/25/2021	11:23:13	0.056
35	08/25/2021	11:33:13	0.057
36	08/25/2021	11:43:13	0.060
37	08/25/2021	11:53:13	0.057
38	08/25/2021	12:03:13	0.053
39	08/25/2021	12:13:13	0.053
40	08/25/2021	12:23:13	0.054
41	08/25/2021	12:33:13	0.056
42	08/25/2021	12:43:13	0.061
43	08/25/2021	12:53:13	0.069
44	08/25/2021	13:03:13	0.071
45	08/25/2021	13:13:13	0.069
46	08/25/2021	13:23:13	0.064
47	08/25/2021	13:33:13	0.065
48	08/25/2021	13:43:13	0.066
49	08/25/2021	13:53:13	0.067
50	08/25/2021	14:03:13	0.071
51	08/25/2021	14:13:13	0.074
52	08/25/2021	14:23:13	0.079
53	08/25/2021	14:33:13	0.086
54	08/25/2021	14:43:13	0.089

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/25/2021
Instrument S/N	8530100701	Start Time	05:38:30
		Stop Date	08/25/2021
		Stop Time	14:28:30
		Total Time	0:08:50:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/25/2021	05:48:30	0.061
2	08/25/2021	05:58:30	0.059
3	08/25/2021	06:08:30	0.059
4	08/25/2021	06:18:30	0.058
5	08/25/2021	06:28:30	0.062
6	08/25/2021	06:38:30	0.074
7	08/25/2021	06:48:30	0.089
8	08/25/2021	06:58:30	0.099
9	08/25/2021	07:08:30	0.104
10	08/25/2021	07:18:30	0.081
11	08/25/2021	07:28:30	0.080
12	08/25/2021	07:38:30	0.082
13	08/25/2021	07:48:30	0.078
14	08/25/2021	07:58:30	0.081
15	08/25/2021	08:08:30	0.078
16	08/25/2021	08:18:30	0.083
17	08/25/2021	08:28:30	0.077
18	08/25/2021	08:38:30	0.073
19	08/25/2021	08:48:30	0.076
20	08/25/2021	08:58:30	0.074
21	08/25/2021	09:08:30	0.077
22	08/25/2021	09:18:30	0.077
23	08/25/2021	09:28:30	0.078
24	08/25/2021	09:38:30	0.075
25	08/25/2021	09:48:30	0.073
26	08/25/2021	09:58:30	0.074
27	08/25/2021	10:08:30	0.074
28	08/25/2021	10:18:30	0.072
29	08/25/2021	10:28:30	0.071
30	08/25/2021	10:38:30	0.070
31	08/25/2021	10:48:30	0.066
32	08/25/2021	10:58:30	0.063
33	08/25/2021	11:08:30	0.063
34	08/25/2021	11:18:30	0.062
35	08/25/2021	11:28:30	0.059
36	08/25/2021	11:38:30	0.061
37	08/25/2021	11:48:30	0.064
38	08/25/2021	11:58:30	0.059
39	08/25/2021	12:08:30	0.057

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/25/2021	12:18:30	0.058
41	08/25/2021	12:28:30	0.059
42	08/25/2021	12:38:30	0.061
43	08/25/2021	12:48:30	0.073
44	08/25/2021	12:58:30	0.076
45	08/25/2021	13:08:30	0.078
46	08/25/2021	13:18:30	0.083
47	08/25/2021	13:28:30	0.099
48	08/25/2021	13:38:30	0.137
49	08/25/2021	13:48:30	0.089
50	08/25/2021	13:58:30	0.081
51	08/25/2021	14:08:30	0.090
52	08/25/2021	14:18:30	0.096
53	08/25/2021	14:28:30	0.092

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/26/2021
Instrument S/N	8530104101	Start Time	06:00:30
		Stop Date	08/26/2021
		Stop Time	12:40:30
		Total Time	0:06:40:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.096 mg/m^3
Max	0.135 mg/m^3
Max Date	08/26/2021
Max Time	06:50:30
Min	0.070 mg/m^3
Min Date	08/26/2021
Min Time	12:40:30
TWA (8 hr)	0.080
TWA Start Date	08/26/2021
TWA Start Time	06:00:30
TWA End Time	12:40:30

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/26/2021	06:10:30	0.101
2	08/26/2021	06:20:30	0.116
3	08/26/2021	06:30:30	0.115
4	08/26/2021	06:40:30	0.127
5	08/26/2021	06:50:30	0.135
6	08/26/2021	07:00:30	0.124
7	08/26/2021	07:10:30	0.120
8	08/26/2021	07:20:30	0.109
9	08/26/2021	07:30:30	0.109
10	08/26/2021	07:40:30	0.101
11	08/26/2021	07:50:30	0.103
12	08/26/2021	08:00:30	0.104
13	08/26/2021	08:10:30	0.105
14	08/26/2021	08:20:30	0.108
15	08/26/2021	08:30:30	0.104
16	08/26/2021	08:40:30	0.100
17	08/26/2021	08:50:30	0.094
18	08/26/2021	09:00:30	0.093
19	08/26/2021	09:10:30	0.096
20	08/26/2021	09:20:30	0.095
21	08/26/2021	09:30:30	0.094
22	08/26/2021	09:40:30	0.097
23	08/26/2021	09:50:30	0.098
24	08/26/2021	10:00:30	0.096
25	08/26/2021	10:10:30	0.094

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/26/2021	10:20:30	0.093
27	08/26/2021	10:30:30	0.089
28	08/26/2021	10:40:30	0.084
29	08/26/2021	10:50:30	0.081
30	08/26/2021	11:00:30	0.081
31	08/26/2021	11:10:30	0.078
32	08/26/2021	11:20:30	0.078
33	08/26/2021	11:30:30	0.078
34	08/26/2021	11:40:30	0.078
35	08/26/2021	11:50:30	0.078
36	08/26/2021	12:00:30	0.078
37	08/26/2021	12:10:30	0.078
38	08/26/2021	12:20:30	0.075
39	08/26/2021	12:30:30	0.072
40	08/26/2021	12:40:30	0.070

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/26/2021
Instrument S/N	8530100701	Start Time	05:55:42
		Stop Date	08/26/2021
		Stop Time	12:45:42
		Total Time	0:06:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.094 mg/m^3
Max	0.129 mg/m^3
Max Date	08/26/2021
Max Time	06:45:42
Min	0.079 mg/m^3
Min Date	08/26/2021
Min Time	10:45:42
TWA (8 hr)	0.081
TWA Start Date	08/26/2021
TWA Start Time	05:55:42
TWA End Time	12:45:42

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/26/2021	06:05:42	0.103
2	08/26/2021	06:15:42	0.107
3	08/26/2021	06:25:42	0.109
4	08/26/2021	06:35:42	0.112
5	08/26/2021	06:45:42	0.129
6	08/26/2021	06:55:42	0.120
7	08/26/2021	07:05:42	0.119
8	08/26/2021	07:15:42	0.106
9	08/26/2021	07:25:42	0.103
10	08/26/2021	07:35:42	0.104
11	08/26/2021	07:45:42	0.108
12	08/26/2021	07:55:42	0.097
13	08/26/2021	08:05:42	0.099
14	08/26/2021	08:15:42	0.103
15	08/26/2021	08:25:42	0.099
16	08/26/2021	08:35:42	0.091
17	08/26/2021	08:45:42	0.090
18	08/26/2021	08:55:42	0.089
19	08/26/2021	09:05:42	0.090
20	08/26/2021	09:15:42	0.091
21	08/26/2021	09:25:42	0.091
22	08/26/2021	09:35:42	0.092
23	08/26/2021	09:45:42	0.094
24	08/26/2021	09:55:42	0.092
25	08/26/2021	10:05:42	0.091

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/26/2021	10:15:42	0.090
27	08/26/2021	10:25:42	0.089
28	08/26/2021	10:35:42	0.086
29	08/26/2021	10:45:42	0.079
30	08/26/2021	10:55:42	0.081
31	08/26/2021	11:05:42	0.081
32	08/26/2021	11:15:42	0.082
33	08/26/2021	11:25:42	0.081
34	08/26/2021	11:35:42	0.088
35	08/26/2021	11:45:42	0.081
36	08/26/2021	11:55:42	0.085
37	08/26/2021	12:05:42	0.081
38	08/26/2021	12:15:42	0.086
39	08/26/2021	12:25:42	0.086
40	08/26/2021	12:35:42	0.082
41	08/26/2021	12:45:42	0.082

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/27/2021
Instrument S/N	8530100701	Start Time	06:01:59
		Stop Date	08/27/2021
		Stop Time	14:11:59
		Total Time	0:08:10:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.067 mg/m^3
Max	0.102 mg/m^3
Max Date	08/27/2021
Max Time	08:11:59
Min	0.029 mg/m^3
Min Date	08/27/2021
Min Time	12:41:59
TWA (8 hr)	0.067
TWA Start Date	08/27/2021
TWA Start Time	06:01:59
TWA End Time	14:11:59

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/27/2021	06:11:59	0.075
2	08/27/2021	06:21:59	0.073
3	08/27/2021	06:31:59	0.074
4	08/27/2021	06:41:59	0.078
5	08/27/2021	06:51:59	0.088
6	08/27/2021	07:01:59	0.079
7	08/27/2021	07:11:59	0.073
8	08/27/2021	07:21:59	0.077
9	08/27/2021	07:31:59	0.100
10	08/27/2021	07:41:59	0.099
11	08/27/2021	07:51:59	0.101
12	08/27/2021	08:01:59	0.097
13	08/27/2021	08:11:59	0.102
14	08/27/2021	08:21:59	0.098
15	08/27/2021	08:31:59	0.087
16	08/27/2021	08:41:59	0.091
17	08/27/2021	08:51:59	0.092
18	08/27/2021	09:01:59	0.091
19	08/27/2021	09:11:59	0.088
20	08/27/2021	09:21:59	0.084
21	08/27/2021	09:31:59	0.083

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/27/2021	09:41:59	0.080
23	08/27/2021	09:51:59	0.079
24	08/27/2021	10:01:59	0.084
25	08/27/2021	10:11:59	0.079
26	08/27/2021	10:21:59	0.078
27	08/27/2021	10:31:59	0.071
28	08/27/2021	10:41:59	0.068
29	08/27/2021	10:51:59	0.065
30	08/27/2021	11:01:59	0.062
31	08/27/2021	11:11:59	0.060
32	08/27/2021	11:21:59	0.058
33	08/27/2021	11:31:59	0.054
34	08/27/2021	11:41:59	0.043
35	08/27/2021	11:51:59	0.039
36	08/27/2021	12:01:59	0.033
37	08/27/2021	12:11:59	0.032
38	08/27/2021	12:21:59	0.032
39	08/27/2021	12:31:59	0.031
40	08/27/2021	12:41:59	0.029
41	08/27/2021	12:51:59	0.037
42	08/27/2021	13:01:59	0.040
43	08/27/2021	13:11:59	0.047
44	08/27/2021	13:21:59	0.041
45	08/27/2021	13:31:59	0.041
46	08/27/2021	13:41:59	0.040
47	08/27/2021	13:51:59	0.039
48	08/27/2021	14:01:59	0.037
49	08/27/2021	14:11:59	0.036

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/27/2021
Instrument S/N	8530104101	Start Time	05:55:10
		Stop Date	08/27/2021
		Stop Time	14:05:10
		Total Time	0:08:10:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.072 mg/m^3
Max	0.112 mg/m^3
Max Date	08/27/2021
Max Time	07:45:10
Min	0.029 mg/m^3
Min Date	08/27/2021
Min Time	12:35:10
TWA (8 hr)	0.073
TWA Start Date	08/27/2021
TWA Start Time	05:55:10
TWA End Time	14:05:10

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/27/2021	06:05:10	0.082
2	08/27/2021	06:15:10	0.077
3	08/27/2021	06:25:10	0.085
4	08/27/2021	06:35:10	0.097
5	08/27/2021	06:45:10	0.090
6	08/27/2021	06:55:10	0.080
7	08/27/2021	07:05:10	0.078
8	08/27/2021	07:15:10	0.074
9	08/27/2021	07:25:10	0.100
10	08/27/2021	07:35:10	0.103
11	08/27/2021	07:45:10	0.112
12	08/27/2021	07:55:10	0.109
13	08/27/2021	08:05:10	0.102
14	08/27/2021	08:15:10	0.109
15	08/27/2021	08:25:10	0.092
16	08/27/2021	08:35:10	0.087
17	08/27/2021	08:45:10	0.091
18	08/27/2021	08:55:10	0.097
19	08/27/2021	09:05:10	0.089
20	08/27/2021	09:15:10	0.088
21	08/27/2021	09:25:10	0.084

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/27/2021	09:35:10	0.088
23	08/27/2021	09:45:10	0.087
24	08/27/2021	09:55:10	0.083
25	08/27/2021	10:05:10	0.088
26	08/27/2021	10:15:10	0.084
27	08/27/2021	10:25:10	0.087
28	08/27/2021	10:35:10	0.080
29	08/27/2021	10:45:10	0.070
30	08/27/2021	10:55:10	0.074
31	08/27/2021	11:05:10	0.071
32	08/27/2021	11:15:10	0.059
33	08/27/2021	11:25:10	0.058
34	08/27/2021	11:35:10	0.056
35	08/27/2021	11:45:10	0.047
36	08/27/2021	11:55:10	0.036
37	08/27/2021	12:05:10	0.035
38	08/27/2021	12:15:10	0.034
39	08/27/2021	12:25:10	0.032
40	08/27/2021	12:35:10	0.029
41	08/27/2021	12:45:10	0.029
42	08/27/2021	12:55:10	0.040
43	08/27/2021	13:05:10	0.042
44	08/27/2021	13:15:10	0.051
45	08/27/2021	13:25:10	0.047
46	08/27/2021	13:35:10	0.052
47	08/27/2021	13:45:10	0.055
48	08/27/2021	13:55:10	0.042
49	08/27/2021	14:05:10	0.039

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/30/2021
Instrument S/N	8530100701	Start Time	06:23:34
		Stop Date	08/30/2021
		Stop Time	14:23:34
		Total Time	0:08:00:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/30/2021	06:33:34	0.062
2	08/30/2021	06:43:34	0.062
3	08/30/2021	06:53:34	0.060
4	08/30/2021	07:03:34	0.060
5	08/30/2021	07:13:34	0.060
6	08/30/2021	07:23:34	0.065
7	08/30/2021	07:33:34	0.059
8	08/30/2021	07:43:34	0.059
9	08/30/2021	07:53:34	0.058
10	08/30/2021	08:03:34	0.065
11	08/30/2021	08:13:34	0.059
12	08/30/2021	08:23:34	0.062
13	08/30/2021	08:33:34	0.057
14	08/30/2021	08:43:34	0.058
15	08/30/2021	08:53:34	0.061
16	08/30/2021	09:03:34	0.063
17	08/30/2021	09:13:34	0.059
18	08/30/2021	09:23:34	0.070
19	08/30/2021	09:33:34	0.061
20	08/30/2021	09:43:34	0.058
21	08/30/2021	09:53:34	0.058
22	08/30/2021	10:03:34	0.057
23	08/30/2021	10:13:34	0.055
24	08/30/2021	10:23:34	0.056
25	08/30/2021	10:33:34	0.049
26	08/30/2021	10:43:34	0.048
27	08/30/2021	10:53:34	0.052
28	08/30/2021	11:03:34	0.050
29	08/30/2021	11:13:34	0.047
30	08/30/2021	11:23:34	0.047
31	08/30/2021	11:33:34	0.046
32	08/30/2021	11:43:34	0.046
33	08/30/2021	11:53:34	0.047
34	08/30/2021	12:03:34	0.051
35	08/30/2021	12:13:34	0.049
36	08/30/2021	12:23:34	0.051
37	08/30/2021	12:33:34	0.051
38	08/30/2021	12:43:34	0.050
39	08/30/2021	12:53:34	0.051

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/30/2021	13:03:34	0.054
41	08/30/2021	13:13:34	0.060
42	08/30/2021	13:23:34	0.052
43	08/30/2021	13:33:34	0.052
44	08/30/2021	13:43:34	0.051
45	08/30/2021	13:53:34	0.053
46	08/30/2021	14:03:34	0.055
47	08/30/2021	14:13:34	0.052
48	08/30/2021	14:23:34	0.049

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/30/2021
Instrument S/N	8530104101	Start Time	06:00:24
		Stop Date	08/30/2021
		Stop Time	14:20:24
		Total Time	0:08:20:00
		Logging Interval	600 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/30/2021	06:10:24	0.065
2	08/30/2021	06:20:24	0.069
3	08/30/2021	06:30:24	0.066
4	08/30/2021	06:40:24	0.064
5	08/30/2021	06:50:24	0.063
6	08/30/2021	07:00:24	0.063
7	08/30/2021	07:10:24	0.063
8	08/30/2021	07:20:24	0.062
9	08/30/2021	07:30:24	0.061
10	08/30/2021	07:40:24	0.063
11	08/30/2021	07:50:24	0.062
12	08/30/2021	08:00:24	0.062
13	08/30/2021	08:10:24	0.061
14	08/30/2021	08:20:24	0.060
15	08/30/2021	08:30:24	0.058
16	08/30/2021	08:40:24	0.058
17	08/30/2021	08:50:24	0.059
18	08/30/2021	09:00:24	0.059
19	08/30/2021	09:10:24	0.067
20	08/30/2021	09:20:24	0.063
21	08/30/2021	09:30:24	0.060
22	08/30/2021	09:40:24	0.060
23	08/30/2021	09:50:24	0.060
24	08/30/2021	10:00:24	0.059
25	08/30/2021	10:10:24	0.057
26	08/30/2021	10:20:24	0.054
27	08/30/2021	10:30:24	0.048
28	08/30/2021	10:40:24	0.046
29	08/30/2021	10:50:24	0.043
30	08/30/2021	11:00:24	0.044
31	08/30/2021	11:10:24	0.044
32	08/30/2021	11:20:24	0.043
33	08/30/2021	11:30:24	0.044
34	08/30/2021	11:40:24	0.044
35	08/30/2021	11:50:24	0.044
36	08/30/2021	12:00:24	0.045
37	08/30/2021	12:10:24	0.045
38	08/30/2021	12:20:24	0.046
39	08/30/2021	12:30:24	0.045

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
40	08/30/2021	12:40:24	0.046
41	08/30/2021	12:50:24	0.046
42	08/30/2021	13:00:24	0.046
43	08/30/2021	13:10:24	0.045
44	08/30/2021	13:20:24	0.045
45	08/30/2021	13:30:24	0.045
46	08/30/2021	13:40:24	0.045
47	08/30/2021	13:50:24	0.045
48	08/30/2021	14:00:24	0.044
49	08/30/2021	14:10:24	0.043
50	08/30/2021	14:20:24	0.044

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/31/2021
Instrument S/N	8530100701	Start Time	05:40:25
		Stop Date	08/31/2021
		Stop Time	14:20:25
		Total Time	0:08:40:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.056 mg/m^3
Max	0.068 mg/m^3
Max Date	08/31/2021
Max Time	06:10:25
Min	0.035 mg/m^3
Min Date	08/31/2021
Min Time	14:20:25
TWA (8 hr)	0.058
TWA Start Date	08/31/2021
TWA Start Time	05:40:25
TWA End Time	14:20:25

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/31/2021	05:50:25	0.063
2	08/31/2021	06:00:25	0.063
3	08/31/2021	06:10:25	0.068
4	08/31/2021	06:20:25	0.064
5	08/31/2021	06:30:25	0.063
6	08/31/2021	06:40:25	0.061
7	08/31/2021	06:50:25	0.061
8	08/31/2021	07:00:25	0.062
9	08/31/2021	07:10:25	0.058
10	08/31/2021	07:20:25	0.059
11	08/31/2021	07:30:25	0.058
12	08/31/2021	07:40:25	0.057
13	08/31/2021	07:50:25	0.056
14	08/31/2021	08:00:25	0.056
15	08/31/2021	08:10:25	0.055
16	08/31/2021	08:20:25	0.061
17	08/31/2021	08:30:25	0.053
18	08/31/2021	08:40:25	0.055
19	08/31/2021	08:50:25	0.056
20	08/31/2021	09:00:25	0.059
21	08/31/2021	09:10:25	0.059
22	08/31/2021	09:20:25	0.061
23	08/31/2021	09:30:25	0.060
24	08/31/2021	09:40:25	0.060
25	08/31/2021	09:50:25	0.061

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/31/2021	10:00:25	0.063
27	08/31/2021	10:10:25	0.060
28	08/31/2021	10:20:25	0.067
29	08/31/2021	10:30:25	0.061
30	08/31/2021	10:40:25	0.060
31	08/31/2021	10:50:25	0.059
32	08/31/2021	11:00:25	0.063
33	08/31/2021	11:10:25	0.068
34	08/31/2021	11:20:25	0.065
35	08/31/2021	11:30:25	0.064
36	08/31/2021	11:40:25	0.057
37	08/31/2021	11:50:25	0.052
38	08/31/2021	12:00:25	0.053
39	08/31/2021	12:10:25	0.051
40	08/31/2021	12:20:25	0.050
41	08/31/2021	12:30:25	0.049
42	08/31/2021	12:40:25	0.052
43	08/31/2021	12:50:25	0.046
44	08/31/2021	13:00:25	0.051
45	08/31/2021	13:10:25	0.048
46	08/31/2021	13:20:25	0.047
47	08/31/2021	13:30:25	0.044
48	08/31/2021	13:40:25	0.053
49	08/31/2021	13:50:25	0.044
50	08/31/2021	14:00:25	0.042
51	08/31/2021	14:10:25	0.040
52	08/31/2021	14:20:25	0.035

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/31/2021
Instrument S/N	8530104101	Start Time	05:36:11
		Stop Date	08/31/2021
		Stop Time	14:16:11
		Total Time	0:08:40:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.057 mg/m^3
Max	0.070 mg/m^3
Max Date	08/31/2021
Max Time	08:06:11
Min	0.032 mg/m^3
Min Date	08/31/2021
Min Time	14:16:11
TWA (8 hr)	0.059
TWA Start Date	08/31/2021
TWA Start Time	05:36:11
TWA End Time	14:16:11

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/31/2021	05:46:11	0.067
2	08/31/2021	05:56:11	0.067
3	08/31/2021	06:06:11	0.066
4	08/31/2021	06:16:11	0.065
5	08/31/2021	06:26:11	0.065
6	08/31/2021	06:36:11	0.065
7	08/31/2021	06:46:11	0.066
8	08/31/2021	06:56:11	0.066
9	08/31/2021	07:06:11	0.064
10	08/31/2021	07:16:11	0.061
11	08/31/2021	07:26:11	0.061
12	08/31/2021	07:36:11	0.060
13	08/31/2021	07:46:11	0.063
14	08/31/2021	07:56:11	0.067
15	08/31/2021	08:06:11	0.070
16	08/31/2021	08:16:11	0.059
17	08/31/2021	08:26:11	0.061
18	08/31/2021	08:36:11	0.060
19	08/31/2021	08:46:11	0.063
20	08/31/2021	08:56:11	0.063
21	08/31/2021	09:06:11	0.062
22	08/31/2021	09:16:11	0.065
23	08/31/2021	09:26:11	0.067
24	08/31/2021	09:36:11	0.066
25	08/31/2021	09:46:11	0.064

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	08/31/2021	09:56:11	0.065
27	08/31/2021	10:06:11	0.063
28	08/31/2021	10:16:11	0.063
29	08/31/2021	10:26:11	0.063
30	08/31/2021	10:36:11	0.062
31	08/31/2021	10:46:11	0.061
32	08/31/2021	10:56:11	0.061
33	08/31/2021	11:06:11	0.061
34	08/31/2021	11:16:11	0.061
35	08/31/2021	11:26:11	0.058
36	08/31/2021	11:36:11	0.054
37	08/31/2021	11:46:11	0.050
38	08/31/2021	11:56:11	0.049
39	08/31/2021	12:06:11	0.046
40	08/31/2021	12:16:11	0.046
41	08/31/2021	12:26:11	0.044
42	08/31/2021	12:36:11	0.044
43	08/31/2021	12:46:11	0.045
44	08/31/2021	12:56:11	0.045
45	08/31/2021	13:06:11	0.044
46	08/31/2021	13:16:11	0.042
47	08/31/2021	13:26:11	0.041
48	08/31/2021	13:36:11	0.040
49	08/31/2021	13:46:11	0.039
50	08/31/2021	13:56:11	0.036
51	08/31/2021	14:06:11	0.035
52	08/31/2021	14:16:11	0.032

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/01/2021
Instrument S/N	8530100701	Start Time	05:56:55
		Stop Date	09/01/2021
		Stop Time	12:46:55
		Total Time	0:06:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.047 mg/m^3
Max	0.066 mg/m^3
Max Date	09/01/2021
Max Time	06:56:55
Min	0.035 mg/m^3
Min Date	09/01/2021
Min Time	10:26:55
TWA (8 hr)	0.040
TWA Start Date	09/01/2021
TWA Start Time	05:56:55
TWA End Time	12:46:55

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/01/2021	06:06:55	0.061
2	09/01/2021	06:16:55	0.058
3	09/01/2021	06:26:55	0.058
4	09/01/2021	06:36:55	0.059
5	09/01/2021	06:46:55	0.062
6	09/01/2021	06:56:55	0.066
7	09/01/2021	07:06:55	0.058
8	09/01/2021	07:16:55	0.056
9	09/01/2021	07:26:55	0.056
10	09/01/2021	07:36:55	0.053
11	09/01/2021	07:46:55	0.059
12	09/01/2021	07:56:55	0.057
13	09/01/2021	08:06:55	0.042
14	09/01/2021	08:16:55	0.042
15	09/01/2021	08:26:55	0.045
16	09/01/2021	08:36:55	0.043
17	09/01/2021	08:46:55	0.047
18	09/01/2021	08:56:55	0.042
19	09/01/2021	09:06:55	0.041
20	09/01/2021	09:16:55	0.045
21	09/01/2021	09:26:55	0.036
22	09/01/2021	09:36:55	0.044
23	09/01/2021	09:46:55	0.043
24	09/01/2021	09:56:55	0.044
25	09/01/2021	10:06:55	0.041

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	09/01/2021	10:16:55	0.037
27	09/01/2021	10:26:55	0.035
28	09/01/2021	10:36:55	0.037
29	09/01/2021	10:46:55	0.036
30	09/01/2021	10:56:55	0.040
31	09/01/2021	11:06:55	0.035
32	09/01/2021	11:16:55	0.036
33	09/01/2021	11:26:55	0.049
34	09/01/2021	11:36:55	0.045
35	09/01/2021	11:46:55	0.042
36	09/01/2021	11:56:55	0.048
37	09/01/2021	12:06:55	0.044
38	09/01/2021	12:16:55	0.045
39	09/01/2021	12:26:55	0.042
40	09/01/2021	12:36:55	0.041
41	09/01/2021	12:46:55	0.043

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/01/2021
Instrument S/N	8530104101	Start Time	06:00:25
		Stop Date	09/01/2021
		Stop Time	12:50:25
		Total Time	0:06:50:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.042 mg/m^3
Max	0.062 mg/m^3
Max Date	09/01/2021
Max Time	06:20:25
Min	0.031 mg/m^3
Min Date	09/01/2021
Min Time	10:50:25
TWA (8 hr)	0.036
TWA Start Date	09/01/2021
TWA Start Time	06:00:25
TWA End Time	12:50:25

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/01/2021	06:10:25	0.061
2	09/01/2021	06:20:25	0.062
3	09/01/2021	06:30:25	0.062
4	09/01/2021	06:40:25	0.061
5	09/01/2021	06:50:25	0.062
6	09/01/2021	07:00:25	0.061
7	09/01/2021	07:10:25	0.057
8	09/01/2021	07:20:25	0.053
9	09/01/2021	07:30:25	0.050
10	09/01/2021	07:40:25	0.048
11	09/01/2021	07:50:25	0.047
12	09/01/2021	08:00:25	0.042
13	09/01/2021	08:10:25	0.041
14	09/01/2021	08:20:25	0.041
15	09/01/2021	08:30:25	0.044
16	09/01/2021	08:40:25	0.040
17	09/01/2021	08:50:25	0.035
18	09/01/2021	09:00:25	0.035
19	09/01/2021	09:10:25	0.035
20	09/01/2021	09:20:25	0.036
21	09/01/2021	09:30:25	0.035
22	09/01/2021	09:40:25	0.035
23	09/01/2021	09:50:25	0.039
24	09/01/2021	10:00:25	0.039
25	09/01/2021	10:10:25	0.037

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	09/01/2021	10:20:25	0.036
27	09/01/2021	10:30:25	0.033
28	09/01/2021	10:40:25	0.033
29	09/01/2021	10:50:25	0.031
30	09/01/2021	11:00:25	0.031
31	09/01/2021	11:10:25	0.033
32	09/01/2021	11:20:25	0.032
33	09/01/2021	11:30:25	0.033
34	09/01/2021	11:40:25	0.034
35	09/01/2021	11:50:25	0.037
36	09/01/2021	12:00:25	0.037
37	09/01/2021	12:10:25	0.038
38	09/01/2021	12:20:25	0.038
39	09/01/2021	12:30:25	0.037
40	09/01/2021	12:40:25	0.037
41	09/01/2021	12:50:25	0.036

DustTrak 1-upwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/02/2021
Instrument S/N	8530100701	Start Time	05:56:01
		Stop Date	09/02/2021
		Stop Time	14:16:01
		Total Time	0:08:20:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.054 mg/m^3
Max	0.062 mg/m^3
Max Date	09/02/2021
Max Time	07:16:01
Min	0.047 mg/m^3
Min Date	09/02/2021
Min Time	06:56:01
TWA (8 hr)	0.054
TWA Start Date	09/02/2021
TWA Start Time	05:56:01
TWA End Time	14:16:01

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/02/2021	06:06:01	0.051
2	09/02/2021	06:16:01	0.049
3	09/02/2021	06:26:01	0.048
4	09/02/2021	06:36:01	0.048
5	09/02/2021	06:46:01	0.049
6	09/02/2021	06:56:01	0.047
7	09/02/2021	07:06:01	0.051
8	09/02/2021	07:16:01	0.062
9	09/02/2021	07:26:01	0.051
10	09/02/2021	07:36:01	0.053
11	09/02/2021	07:46:01	0.051
12	09/02/2021	07:56:01	0.051
13	09/02/2021	08:06:01	0.052
14	09/02/2021	08:16:01	0.050
15	09/02/2021	08:26:01	0.051
16	09/02/2021	08:36:01	0.051
17	09/02/2021	08:46:01	0.051
18	09/02/2021	08:56:01	0.054
19	09/02/2021	09:06:01	0.056
20	09/02/2021	09:16:01	0.057
21	09/02/2021	09:26:01	0.056
22	09/02/2021	09:36:01	0.056
23	09/02/2021	09:46:01	0.055
24	09/02/2021	09:56:01	0.055
25	09/02/2021	10:06:01	0.054

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	09/02/2021	10:16:01	0.060
27	09/02/2021	10:26:01	0.056
28	09/02/2021	10:36:01	0.057
29	09/02/2021	10:46:01	0.059
30	09/02/2021	10:56:01	0.061
31	09/02/2021	11:06:01	0.061
32	09/02/2021	11:16:01	0.060
33	09/02/2021	11:26:01	0.060
34	09/02/2021	11:36:01	0.060
35	09/02/2021	11:46:01	0.062
36	09/02/2021	11:56:01	0.061
37	09/02/2021	12:06:01	0.057
38	09/02/2021	12:16:01	0.056
39	09/02/2021	12:26:01	0.053
40	09/02/2021	12:36:01	0.055
41	09/02/2021	12:46:01	0.053
42	09/02/2021	12:56:01	0.055
43	09/02/2021	13:06:01	0.049
44	09/02/2021	13:16:01	0.049
45	09/02/2021	13:26:01	0.047
46	09/02/2021	13:36:01	0.050
47	09/02/2021	13:46:01	0.048
48	09/02/2021	13:56:01	0.049
49	09/02/2021	14:06:01	0.052
50	09/02/2021	14:16:01	0.050

DustTrak 2-downwind

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/02/2021
Instrument S/N	8530104101	Start Time	05:52:51
		Stop Date	09/02/2021
		Stop Time	14:22:51
		Total Time	0:08:30:00
		Logging Interval	600 seconds

Statistics	
	AEROSOL
Avg	0.050 mg/m^3
Max	0.062 mg/m^3
Max Date	09/02/2021
Max Time	11:32:51
Min	0.039 mg/m^3
Min Date	09/02/2021
Min Time	13:22:51
TWA (8 hr)	0.051
TWA Start Date	09/02/2021
TWA Start Time	05:52:51
TWA End Time	14:22:51

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	09/02/2021	06:02:51	0.046
2	09/02/2021	06:12:51	0.047
3	09/02/2021	06:22:51	0.047
4	09/02/2021	06:32:51	0.047
5	09/02/2021	06:42:51	0.048
6	09/02/2021	06:52:51	0.049
7	09/02/2021	07:02:51	0.047
8	09/02/2021	07:12:51	0.050
9	09/02/2021	07:22:51	0.052
10	09/02/2021	07:32:51	0.051
11	09/02/2021	07:42:51	0.054
12	09/02/2021	07:52:51	0.052
13	09/02/2021	08:02:51	0.051
14	09/02/2021	08:12:51	0.050
15	09/02/2021	08:22:51	0.051
16	09/02/2021	08:32:51	0.050
17	09/02/2021	08:42:51	0.051
18	09/02/2021	08:52:51	0.053
19	09/02/2021	09:02:51	0.054
20	09/02/2021	09:12:51	0.056
21	09/02/2021	09:22:51	0.056
22	09/02/2021	09:32:51	0.056
23	09/02/2021	09:42:51	0.056
24	09/02/2021	09:52:51	0.054
25	09/02/2021	10:02:51	0.056

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
26	09/02/2021	10:12:51	0.056
27	09/02/2021	10:22:51	0.055
28	09/02/2021	10:32:51	0.055
29	09/02/2021	10:42:51	0.055
30	09/02/2021	10:52:51	0.057
31	09/02/2021	11:02:51	0.058
32	09/02/2021	11:12:51	0.058
33	09/02/2021	11:22:51	0.056
34	09/02/2021	11:32:51	0.062
35	09/02/2021	11:42:51	0.054
36	09/02/2021	11:52:51	0.054
37	09/02/2021	12:02:51	0.053
38	09/02/2021	12:12:51	0.050
39	09/02/2021	12:22:51	0.047
40	09/02/2021	12:32:51	0.049
41	09/02/2021	12:42:51	0.049
42	09/02/2021	12:52:51	0.046
43	09/02/2021	13:02:51	0.046
44	09/02/2021	13:12:51	0.042
45	09/02/2021	13:22:51	0.039
46	09/02/2021	13:32:51	0.040
47	09/02/2021	13:42:51	0.040
48	09/02/2021	13:52:51	0.040
49	09/02/2021	14:02:51	0.040
50	09/02/2021	14:12:51	0.041
51	09/02/2021	14:22:51	0.040

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Slow Valve		1375 Magnolia Ave.
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/3/2021	1	SW	0800	0.731	0752	0.059	-0.672		Excavation/ stockpiling	LML
" "	2	SW	0904	0.820	0859	0.022	-0.798		" "	" "
" "	6	SW	1110	0.831	1103	0.014	-0.817		" "	"
" "	7	SW	1218	0.828	1207	0.013	-0.815		" "	"
" "	3	SE	1315	0.857	1306	0.016	-0.797		" "	"
" "	11	SE	1432	0.012	1440	0.0840			" "	"

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Glow Valve		1375 Magnolia Ave
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/3/2021	1	SW	0800	0.731	0752	0.059	-0.672		Excavation/ stockpiling	LML
" "	2	SW	0904	0.820	0859	0.022	-0.798		" "	" "
" "	6	SW	1110	0.831	1103	0.014	-0.817		" "	"
" "	7	SW	1218	0.828	1207	0.013	-0.815		" "	"
" "	3	SE	1315	0.857	1306	0.016	-0.797		" "	"
" "	11	SE	1432	0.012	1440	0.0840	0.720		" "	"
8/4/2021	2	SW	0640	0.069	0700	0.046	-0.023		Breaking of Concrete/Stockpiling	"
	3	SW	0913	0.040	0904	0.026	-0.014		" "	"
	4	SW	1029	0.035	1009	0.016	-0.019		" "	"
	5	SW	1054	0.026	1108	0.020	-0.006		" "	"
	1	SE	1238	0.032	1247	0.023	-0.009		" "	"

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Clow Valve		
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
08/05/21	1	SE	0720	0.012	0727	0.040	0.028		Railroad rail tie removal	LMC
	2	SE	0825	0.021	0834	0.030	0.009			"
	1	SE	0914	0.045	0922	0.035	-0.010		Moving ties to the stockpile	"
	3	E	1051	0.038	1042	0.026	-0.012			"
	8	E	1154	0.029	1209	0.037	-0.008			"
	2	E	108	0.033	119				Forklifts moving around.	"

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	CLOW VALVE		1375 MAGNOLIA AVE., CORONA, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/9/21	2	SE	0720	44	0726	40	4		RAIL LINE DEMO	J. BENNETT
	4	ESE	0824	50	0822	34	16			
	1	E	0924	35	0921	38	3			
	4	ESE	1050	37	~~0922~~ 1022	55	18			
	6	E	1138	39	1141	42	4			
	4	ESE	1226	41	1241	39	2			
	6	ESE	1332	26	1328	24	2			
	4	ESE	1426	18	1429	39	21			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	CLOW VALVE		1375 MAGNOLIA AVE, CORONA, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/10/2021	0	—	0654	54	0704	55	1		RAIL LINE DEMO	T. BENNETT
	1	E	0756	31	0750	47	16			
	2	SE	0854	28	0850	24	2			
	4	ESE	1000	23	0954	27	4			
	4	ESE	1055	19	1052	23	4			
	6	E	1208	23	1202	45	22			
	10	E	1308	13	1310	21	8			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	CLOW VALVE		1375 MAGNOLIA AVE, CORONA, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/11/21	2	WSW	0736	43	0743	45	2		EXCAVATION	JDB

**Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)*

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	CLOW VALVE - CORONA		1375 MAGNOLIA, CORONA, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/23/21	1	SW	0733	67	0737	68	1			
	2	ESE	0955	58	0951	58	Ø			
	2	E	1059	53	1055	48	5			
	6	ESE	1400	29	1356	46	17			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Glow Valve		1375 Magnolia Ave
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
08/24/21	0	SW	0740AM	0.062	0748AM	0.072	0.010		Backfilling not spot locations	LHL
08/24/21	6	SW	1345PM	0.069	1352PM	0.074	0.005		" "	"

**Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)*

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Glow Valve		1375 Magnolia Ave
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
08/24/21	0	SW	0740AM	0.062	0748AM	0.072	0.010		Backfilling hot spot locations	LHL
08/24/21	6	SW	1345PM	0.069	1352PM	0.074	0.005		" "	"
08/25/21	0	E	0608AM	0.070	0621AM	0.056	0.014		ripping and watering	"
08/25/21	0	E	1048AM	0.061	1057AM	0.049	0.012		" "	"
	2	SE	1215PM	0.052	1226PM	0.059	0.007		" "	"
	12	E	1327	0.079	1349	0.068	0.009		Began sweeping by Stockpiles	"

**Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)*

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/27/21	2	W	0816	89	0821	91	2		REMOVING ASPHALT	JDB
	Ø	NA	1021	78	1018	81	3		RIPPING	JDB
	4	E	1228	24	1232	22	2		RIPPING	JDB
	7	ESE	1325	36	1330	38	2		RIPPING	JDB

**Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)*

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location	
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/27/21	2	W	0916	89	0821	91	2		REMOVING ASPHALT	JDB
	Ø	NA	1021	78	1019	81	3		RIPPING	JDB
	4	E	1228	24	1232	22	2		RIPPING	JDB
	7	ESE	1325	36	1330	38	2		RIPPING	JDB

**Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)*

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Glow Valve		1375 Magnolia Ave.
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/30/21	2	SW	0620AM	0.053	0629AM	0.071	0.018		ripping/removing debris/trash	LML
	3	SW	0850AM	0.062	0904AM	0.060	0.002		" "	"
	6	SE	1057AM	0.046	1104AM	0.043	0.003		" "	"
	4	SE	1330pm	0.049	1341pm	0.052	0.003		" "	"
8/31/21	3	SW	0648AM	0.061	0657AM	0.066	0.005		Balancing/ripping	"
	2	W	0820AM	0.059	0831AM	0.068	0.009		Slight rain/ drizzle	"
	9	SE	1300PM	0.045	1310PM	0.051	0.006		water/ripping	"

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Glow Valve		1375 Magnolia Ave.
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
8/30/21	2	SW	0620AM	0.053	0629AM	0.071	0.018		ripping/removing debris/trash	LHL
	3	SW	0850AM	0.062	0904AM	0.060	0.002		" "	"
	6	SE	1057AM	0.046	1101AM	0.043	0.003		" "	"
	4	SE	1330pm	0.049	1341pm	0.052	0.003		" "	"
8/31/21	3	SW	0648AM	0.061	0657AM	0.066	0.005		Balancing/ripping	"
	2	W	0820AM	0.059	0831AM	0.068	0.009		Slight rain/ drizzle	"
	9	SE	1300PM	0.045	1310PM	0.051	0.006		water/ripping	"
09/01/21	1	SE	0640AM	0.041	0649AM	0.047	0.006		ripping/watering	"
	5	SW	1120AM	0.036	1129AM	0.044	0.007		watering	"

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	CLOW VALVE - CORONA		1375 MAGNOLIA, CORONA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/7/2021	3	E	1013	52	1007	41	11		FINISH GRADING	J. BENNETT
	6	ESE	1158	31	1151	45	14		" "	J. BENNETT

***Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)**

APPENDIX C

WP76832 #021

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD063115133		909-297-9043	021384656 JJK

GENERATOR

5. Generator's Name and Mailing Address
ARACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-8081

Generator's Site Address (if different than mailing address)
ARACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Ruben Barroco Trucking — U.S. EPA ID Number: CAR000184119

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVADA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943 — U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3432, Polychlorinated Biphenyls, Solid Mixture, 9, PG III	1	DT	21,363	K	611		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280ppm
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043 Excavation Date: 08/20/21 21,363Kg

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow a division of McWane — Signature: L Langer — Month 10 Day 12 Year 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ruben Godinez Barroco — Signature — Month 10 Day 12 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Savannah Fabal — Signature — Month 10 Day 12 Year 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TSCA CERTIFICATE OF DISPOSAL

October 13,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384656JJK** was received by U.S. Ecology, Inc., on **10/12/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/12/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384656JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: JOHN DYER

Signature: John Dyer

Title: COMPLIANCE MANAGER

Truck #62

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD063115133	1	909-297-9043	021384657 JJK

GENERATOR

5. Generator's Name and Mailing Address
ANACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
ANACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: S Limones Trucking — U.S. EPA ID Number: CAR000 200 662

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, UN3432, Polychlorinated Biphenyls, Solid Mixture, 9, PG III	1	DT	21,363 LB	K	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280ppm
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vemaci (909) 297-9043 Excavation Date: 8/20/21 21,363Kg

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: R Langer Lindsay Langer on behalf of McWane — Signature: R Langer — Month: 10 Day: 12 Year: 21

INT'L

16. International Shipments ☐ Import to U.S. ☑ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ALFREDO Limón — Signature: ALimon — Month: 10 Day: 12 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Savannah Fisher — Signature — Month: 10 Day: 12 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TSCA CERTIFICATE OF DISPOSAL

October 13,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384657JJK** was received by U.S. Ecology, Inc., on **10/12/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/12/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384657JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: JOHN DYER

Signature: John Dyer

Title: COMPLIANCE MANAGER

(17)

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD063115133	1	909-297-9043	021384658 JJK

GENERATOR

5. Generator's Name and Mailing Address
ANACO- an Unincarporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 255-388-0001

Generator's Site Address (if different than mailing address)
ANACO - an Unicarporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Q BAN Soy TKS — U.S. EPA ID Number: CAD000185424

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3432, Polychlorinated Biphenyls, Solid Mixture, 9, PG III	1	DT	21,307 KG	K	611		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280ppm
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043 Excavation Date: 08/20/21 21,363Kg

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow a division of McWane — Signature: L Langer — Month 10 Day 12 Year 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Eder Martinez — Signature — Month 10 Day 12 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Savannah Pinborough — Signature — Month 10 Day 12 Year 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TSCA CERTIFICATE OF DISPOSAL

October 13,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384658JJK** was received by U.S. Ecology, Inc., on **10/12/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/12/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384658JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: JOHN DYER

Signature: John Dyer

Title: COMPLIANCE MANAGER

388

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD063115133	1	909-297-9043	021384659 JJK

GENERATOR

5. Generator's Name and Mailing Address
ANACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
ANACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Jose T Garcia Trucking — U.S. EPA ID Number: CAR000196352

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3432, Polychlorinated Biphenyls, Solid Mixture, 9, PG III	1	DT	21,363	K	611		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280 ppm
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vemaci (909) 297-9043 Excavation Date: 08/20/21 21,363Kg

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on Behalf of Clow a division of McWane — Signature: L Ranger — Month 10 Day 12 Year 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Garcia — Signature: Jose — Month 10 Day 12 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Savannah Gilbert — Signature — Month 10 Day 12 Year 21

TSCA CERTIFICATE OF DISPOSAL

October 13,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384659JJK** was received by U.S. Ecology, Inc., on **10/12/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/12/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384659JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: JOHN DYER

Signature: John Dyer

Title: COMPLIANCE MANAGER

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD063115133
2. Page 1 of 1
3. Emergency Response Phone: 909-297-9043
4. Manifest Tracking Number: 021384666 JJK

5. Generator's Name and Mailing Address
AMACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-0301

Generator's Site Address (if different than mailing address)
AMACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Chico Hin Kuty
U.S. EPA ID Number: 9AN 0000 71139

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. RQ, UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S, 9, PG III, SOIL WITH LEAD	1	DT	18	Y	611	D008
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information
Profile #070309873-0 ERG#171 Clow Valve a Division of McWane, Inc.
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow a division of McWane
Signature: [signature] Month/Day/Year: 1/01/2/21

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Aguilar
Signature: [signature] Month/Day/Year: 1/6/12 /21
Transporter 2 Printed/Typed Name
Signature: Month/Day/Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 H039 2. 3. 4.

Sarah Allen on behalf of Clow ... Staff Scientist ... 10/12/21

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Sarah Allen [illegible]
Signature: [signature] Month/Day/Year: 10/12/21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	[illegible]	1	[illegible]	[illegible] JJK

5. Generator's Name and Mailing Address [illegible]

Generator's Site Address (if different than mailing address) [illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name [illegible] U.S. EPA ID Number [illegible]

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address [illegible] U.S. EPA ID Number [illegible]

Facility's Phone: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. [illegible] SUBSTANCE, SOLID [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

[illegible]

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name [illegible] Signature [illegible] Month Day Year [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name [illegible] Signature [illegible] Month Day Year [illegible]

Transporter 2 Printed/Typed Name Signature Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. [illegible] 2. [illegible] 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name [illegible] Signature [illegible] Month Day Year [illegible]

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

#7

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD053115133	1	909-297-9043	021384690 JJK

GENERATOR

5. Generator's Name and Mailing Address
ARIACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-8001

Generator's Site Address (if different than mailing address)
ARIACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: U.S.T Trucking — U.S. EPA ID Number: CAL000183632

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA,INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943

U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, PGIII	1	DT	21,363	K	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280PPM
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043 EXCAVATION DATE: 08/20/21

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsay Langer on behalf of Clow a division of McWane — Signature: Manager — Month: 10 Day: 15 Year: 21

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor Rodriguez — Signature — Month: 10 Day: 15 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Caden Cordova — Signature — Month: 10 Day: 15 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TSCA CERTIFICATE OF DISPOSAL

October 18,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384690JJK** was received by U.S. Ecology, Inc., on **10/15/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/15/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384690JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: DAN CHURCH

Signature: _____

Title: OPERATIONS

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
CAD063115133		909-297-9043	021384691 JJK

GENERATOR

5. Generator's Name and Mailing Address
ANACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
ANACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: ZAMORA TRUCKING — U.S. EPA ID Number: CAR000093906

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVADA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943 — U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, PGIII	1	DT	21,383	K	611		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309672-0 Clow Valve a Division of McWane, Inc. PCB 50-280PPM
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043 EXCAVATION DATE: 08/20/21

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow a division of McWane — Signature: L Langer — Month 10 Day 15 Year 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CESAR ZAMORA — Signature — Month 10 Day 15 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H039 H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Savannah Carlson — Signature — Month 10 Day 15 Year 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TSCA CERTIFICATE OF DISPOSAL

October 18,2021

ANACO AN UNINCORPORATED DIV. OF MCWANE INC
1375 MAGNOLIA AVE
CORONA, CA 92879

This is to certify that waste as defined on Waste Manifest number **021384691JJK** was received by U.S. Ecology, Inc., on **10/15/2021** .The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on **10/15/2021** in accordance with permits and laws regulating this facility.

Customer Manifest#:

State Manifest #: 021384691JJK

Page/Ln: 1/1

Material: 1 END DUMP

Process: Direct Landfill

Facility: US ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070309672-0

Customer: B & D CONSTRUCTION CO., INC

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true,accurate, and complete.

Printed Name: DAN CHURCH

Signature: _____

Title: OPERATIONS

BAYARDO #2

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
CAD063115133		909-297-9043	021384693 JJK

GENERATOR

5. Generator's Name and Mailing Address
ANACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-8001

Generator's Site Address (if different than mailing address)
ANACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Bayardo Transport — U.S. EPA ID Number: CAR000301556

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY NEVADA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S, 9, PG III, SOIL WITH LEAD	1	DT	18	Y	611	D008	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309873-0 ERG#171 Clow Valve a Division of McWane, Inc.
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow a division of McWane — Signature: LLanger — Month 10 Day 15 Year 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Bayardo — Signature — Month 10 Day 15 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Shawn Kimball — Signature — Month 10 Day 15 Year 21

Truck 426

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD063115133	1	909-297-9043	021384667 JJK

5. Generator's Name and Mailing Address
ARIACO- an Unincorporated Div. of McWane Inc.
902 S 2nd St.
Oskaloosa, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
ARIACO - an Unincorporated Div. of McWane Inc.
1375 Magnolia Ave
Corona, CA 92879

6. Transporter 1 Company Name: Chico's Trucking Inc. U.S. EPA ID Number: CAR0000 71134

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
US ECOLOGY NEVEDA INC.
Hwy 95-12 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S, 9, PG III, SOIL WITH LEAD	1	DT	18	Y	611	D008	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Profile #070309873-0 ERG#171 Clow Valve a Division of McWane, Inc.
Please Wear Proper Protective Equipment When Handling
Emergency Contact Brad Vernaci (909) 297-9043

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lindsay Langer on behalf of Clow a division of McWane
Signature: L Langer
Month: 10 Day: 12 Year: 21

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Joe Arevalo
Signature:
Month: 10 Day: 12 Year: 21
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H039 H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jovanna Fairbanks
Signature:
Month: 10 Day: 12 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

B&D CONSTRUCTION CO., INC.
145 N. TENTH AVE., • UPLAND, CA 91786
TEL: 909-949-0360 • FAX: 909-949-0162

DATE 8-20-21

BILL NO. 8174

PRINCIPAL OR OVERLYING CARRIER B & D Construction

ADDRESS 145 N 10th St

CITY / STATE / ZIP Upland CA

UNDERLYING CARRIER (IF ANY)

DRIVER Jesse

TRUCK# 14

CAL-T#

SHIPPER Clover Valve CO.

ADDRESS 1375 Magnolia Ave

CITY / STATE / ZIP Corona CA

CONSIGNEE Maitri Road Recy.

ADDRESS 24980 Main Rd

CITY/STATE/ZIP Corona CA

JOB P.O. #	DISTANCE RATES ONLY	RATE			PT OF ORIGIN
929	MILEAGE	@	X HOURLY	☐ PER LOAD	Upland
			☐ FLAT RATE	☐ TONNAGE	PT OF DESTINATION Corona

MANIFEST NO.	WT. TAG	COMMODITY	LOADING		UNLOADING		STAND BY TIME	BREAKDOWN REASON OR DELAY
			ARRIVE	DEPART	ARRIVE	DEPART		
	686958		6:50	7:10	7:40	8:05		
	687000		8:30	8:50	9:30	10:00		

TYPE OF DUMP TRUCK EQUIPMENT

TRUCK:
- ☐ 2 AXLE
- ☐ 3 AXLE

TRACTOR:
- ☐ 2 AXLE
- ☐ 3 AXLE

TRAILER(S):
- ☐ NONE
- ☐ BOTTOM DUMP DBL.
- ☐ TRANSFER
- ☐ END DUMP SEMI
- ☐ _____

REPORTING TIME:	ENDING TIME:	TOTAL TIME:	TOTAL TONS:
650	1045	4	
START DRIVING TIME LAST TRIP:	ARRIVAL TIME AT DUMP LAST TRIP:	DEDUCTIBLE TIME:	ACCESSORIAL OTHER CHARGES:
END UNLOADING LAST TRIP:	RUNNING TIME LAST TRIP:	NET TIME:	TOTAL CHARGES:

X
DRIVER SIGNATURE

X
CONSIGNEE SIGNATURE

TERMS: A SERVICE CHARGE OF **1-1/2%** WILL BE ASSESSED TO ALL ACCOUNTS PAST DUE **30 DAYS** AS PERMITTED BY LAW. COURT COSTS, ATTORNEY FEES, AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE CUSTOMER WILL BE PAID BY THE ABOVE CUSTOMER. ATTENTION UNDERLYING CARRIERS: NO PAYMENT WILL BE MADE BY **TICKETS NOT COMPLETELY** FILLED OUT.

PUBLIC UTILITIES COMMISSION REQUIRES PAYMENT FOR THESE CHARGES NO LATER THAN THE 20TH DAY OF THE MONTH FOLLOWING THE DATE OF THIS BILL.

Maitri Road Recycling

P.O. Box 15450
Irvine, CA. 92623

CONTROL NO.
687000

MATERIAL TRACKING CERTIFICATE/WEIGHMASTER TICKET

QUOTE NO.	CUST. NO.	JOB NO.	AREA	LOAD NO.	TIME	DATE	TICKET NO.
	201045	929 CLOVER VA	1		09:27AM	08/20/2021	687000

SOLD TO	POINT OF ORIGIN
B&D CONSTRUCTION CO. INC. UPLAND, CA 91786-0000	1375 MAGNOLIA AVE SEMI

TRUCK NO.	LICENSE	DRIVER NAME	COUNTY	CITY	P.O. NO.
B&D14	9F51986	B&D	SBDO	CRNA	929 CLOVER VALVE

TYPE OF LOAD	TYPE OF FACILITY	LANDFILL INSPECTOR (IF NEEDED)	APPROVED	DISAPPROVED
		JOEY		

THIS TICKET	PRODUCT CODE	PRODUCT DESCRIPTION	UNITS	UNIT PRICE	EXTENSION
1.00	STD	STANDARD LANDFILL	LD		
1.00	1 ENVF	ENVIRONMENTAL FEE			
1.00	1 AQMF	AIR QUAILTY MITIGATION			
TARE WEIGHT:	0.00 TONS				
GROSS WEIGHT:	0.00 TONS				
NET WEIGHT:	0.00 TONS				
		LOAD RECYCLED			

The undersigned certifies that to the best his/her knowledge this load does not contain contaminants at levels that are hazardous or represent a significant thread to groundwater. In the event a load is determined to be unacceptable, the undersigned agrees to promptly remove the load from the facility.

El suscrito certifica bajo su mejor reconosimiento que est a carga no contiene contaminantes sobre un nivel pellgroso o que representan una amenaza significante a las aquas subterraneas. Si la carga se determina ser inaceptable, el suscrito acuerada de quitar rapidamente la carga del propiedad.

TAX %	
SUB TOTAL	
TOTAL	
LANDFILL OPERATOR	JOEY

Signature _____ Print Name 1

Please Do Not mail to street address, use P.O. Box above.

Maitri Road Recycling

P.O. Box 15450
Irvine, CA. 92623

CONTROL NO.
686958

MATERIAL TRACKING CERTIFICATE/WEIGHMASTER TICKET

QUOTE NO.	CUST. NO.	JOB NO.	AREA	LOAD NO.	TIME	DATE	TICKET NO.
	201045	929 CLOVER VA	1		07:38AM	08/20/2021	686958

SOLD TO	POINT OF ORIGIN
B&D CONSTRUCTION CO. INC. UPLAND, CA 91786-0000	1375 MAGNOLIA AVE SEMI

TRUCK NO.	LICENSE	DRIVER NAME	COUNTY	CITY	P.O. NO.
B&D14	9F51986	B&D	SBDO	CRNA	929 CLOVER VALVE

TYPE OF LOAD	TYPE OF FACILITY	LANDFILL INSPECTOR (IF NEEDED)	APPROVED	DISAPPROVED
		JOEY		

THIS TICKET	PRODUCT CODE	PRODUCT DESCRIPTION	UNITS	UNIT PRICE	EXTENSION
1.00	STD	STANDARD LANDFILL	LD		
1.00	1 ENVF	ENVIRONMENTAL FEE			
1.00	1 AQMF	AIR QUAILTY MITIGATION			
TARE WEIGHT:	0.00 TONS				
GROSS WEIGHT:	0.00 TONS				
NET WEIGHT:	0.00 TONS				
		LOAD RECYCLED			

The undersigned certifies that to the best his/her knowledge this load does not contain contaminants at levels that are hazardous or represent a significant thread to groundwater. In the event a load is determined to be unacceptable, the undersigned agrees to promptly remove the load from the facility.

El suscrito certifica bajo su mejor reconosimlento que est a carga no contiene contaminantes sobre un nivel pellgroso o que representan una amenaza significante a las aquas subterraneas. Si la carga se determina ser inaceptable, el suscrito acuerada de quitar rapidamente la carga del propiedad.

TAX %	
SUB TOTAL	
TOTAL	

LANDFILL OPERATOR
JOEY

Signature _____ Print Name 1

Please Do Not mail to street address, use P.O. Box above.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number 0215984

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-398-8001

Generator's Site Address (if different than mailing address)
CLOW VALVE, A DIV OF McWANE, INC.
1378 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name
ARCHIBALD TRANSPORT
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
Facility's Phone: 951-277-1740
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	19	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #5K0195CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 287-9343

GENERATOR

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 09 | Day 13 | Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID | Signature | Month 9 | Day 13 | Year 21

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 6 10498 (Rev. 9/09)

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	909-237-9043	0215987

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC
222 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-368-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE, A DIV OF McWANE, INC
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B+D Construction #2 — 60229UJ — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
U.S. EPA ID Number:
Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	15	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #643496CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Alvarado Sr — Signature — Month 09 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone 800-327-9043

4. Waste Tracking Number 0215980

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.
302 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-358-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE A DIV OF McWANE INC.
1373 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name ANAHEIM'S TRANSPORT — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
U.S. EPA ID Number
Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #649496CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name DAVID — Signature — Month 09 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
		909-297-9043	0215981

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE. A DIV OF McWANE. INC.
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B&D Construction #2 — U.S. EPA ID Number: 6022901

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
Facility's Phone: 951-277-1740 — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
PROFILE #549496CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve a division of McWane, Inc — Signature: L Langer — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Awhacuser — Signature: [signature] — Month 9 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR

169-BLC-O 6 10498 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 909-297-9043	4. Waste Tracking Number 0215982

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE A DIV OF McWANE, INC
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 208-208-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE A DIV OF McWANE, INC
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: ARRIAGA'S TRANSPORT — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
U.S. EPA ID Number:
Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #549426CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 04 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID — Signature — Month 04 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
		909-297-9043	0215983

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.,
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE, A DIV OF McWANE, INC.
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B&D Construction #2 — U.S. EPA ID Number: 6022901

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
Facility's Phone: 951-277-1740
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #549496CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve a division of McWane Inc — Signature: L Langer — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Anhaeuser — Signature — Month 9 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number 0215984

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-398-8001

Generator's Site Address (if different than mailing address)
CLOW VALVE, A DIV OF McWANE, INC.
1378 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name
ARCHIBALD TRANSPORT
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
Facility's Phone: 951-277-1740
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	19	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #5K0195CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 287-9343

GENERATOR

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 09 | Day 13 | Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID | Signature | Month 9 | Day 13 | Year 21

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	909-297-9043	0215985

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF McWANE, INC.
902 S 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE. A DIV OF McWANE. INC.
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B&D Construction #2 — 6022901 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
Facility's Phone: 951-277-1740
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #E49496CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve a division of McWane, Inc — Signature: L Langer — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Rick Anhaeuser — Signature — Month 9 Day 13 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR

169-BLC-O 6 10498 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 909-297-9043	4. Waste Tracking Number 0215986

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE, A DIV OF MCWANE, INC.
902 E 2ND STREET
OSKALOOSA, IA 52577
Generator's Phone: 256-280-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE, A DIV OF MCWANE, INC.
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: AKIAOA'S TRANS. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883
U.S. EPA ID Number:
Facility's Phone: 951-277-1760

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	10	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #549496CA
PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID — Signature — Month 09 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 909-297-9043

4. Waste Tracking Number: 0215988

GENERATOR

5. Generator's Name and Mailing Address

CLOW VALVE, A DIV OF McWANE, INC
902 S 2ND STREET
OSKALOOSA, IA 52577

Generator's Phone: 256-366-0001

Generator's Site Address (if different than mailing address)

CLOW VALVE, A DIV OF McWANE, INC
1575 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: ARRIAGA'S TRANSPORT — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 92883

U.S. EPA ID Number

Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	13	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

PROFILE #549496CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

EMERGENCY CONTACT BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: M Hernandez on behalf of Clow Valve a division of McWane Inc — Signature — Month 09 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DARIO — Signature — Month 09 Day 13 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09)

GENERATOR'S/SHIPPER'S INITIAL COPY

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Treated Wood Waste (TWW) Bill of Lading

TWW Variance Violation: ☐ Yes ■ No

If Yes, submit BOL to DTSC within 30 days at TWW_Variances@dtsc.ca.gov

Part I: To be Completed by TWW Generator

Generator TWW Variance #: TWW-2021-LG-00650

ER TWW Variance#: _____

1. Generator's Name: Clow Valve	2. *Generator's ID No. or US EPA No. (Optional): CAD063115133
3. Generator's Site Street Address (where TWW from): 1375 Magnolia Avenue	4. Generator's Mailing Address (If Different From Site Address): 902 S 2nd St.
5. City: Corona, CA 91719 State: Zip:	6. City: Oskaloosa, IA 57577 State: Zip:
7. Generator's Telephone Number (Ext): 256-388-0001	8. Contact Name (Print/Type): Larry Bowers Telephone Number (Ext): 256-388-0001
9. Treated Wood Waste Type Information (Circle All That Apply): ■ Railroad Ties ☐ Tree Stakes ☐ Pressure Treated Lumber ☐ Mixed Load ☐ Fence Posts ☐ Other (Please Specify): _____	10. Generator Type (Check One) ☐ Residential ■ Commercial ☐ Other TWW Facility

11. CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described are not subject to hazardous waste regulations.

Name (Print/Type): Lindsey Langer on behalf of Clow Valve

Signature: LLanger Date: 08/19/2021

Part II: To be Completed by TWW Transporter **Transporter TWW Variance #** TWW-2021-TR-00635

1. Transporter Company Name: B&D Construction	2. Contact Name (Print/Type): Brad Vernaci Telephone Number (Ext): 909-297-9043
3. Transporter Company Street Address: 145 N 10th Ave	4. City: Upland CA 91786 State: Zip:
5. Driver's Name (Print/Type): _____	6. Driver's Signature: _____ Date _____
7. Driver's License Number: State Issued:	8. Vehicle License Plate Number (excluding trailers):

Part III: To be Completed by Gate Services Assistant (GSA)

1. Select Receiving Facility/Landfill (check one):
   - ☐ Badlands Sanitary Landfill (Variance # TWW-2021-DF-00137) – 31125 Ironwood Ave., Moreno Valley, CA 92555
   - ☐ Lamb Canyon Sanitary Landfill (Variance # TWW-2021-DF-00136) – 16411 Lamb Canyon Rd, Beaumont, CA 92223
   - ■ El Sobrante Sanitary Landfill (Variance # TWW-2021-DF-00103) – 10910 Dawson Canyon Road, Corona, CA 92883

2. Date of Arrival: Month/Day/Year _____	3. Net Weight of Load: _____ tons	4. Transaction #: _____

5. Designated Facility Owner or Operator: Certification of receipt of TWW covered by this Bill of Lading.

GSA Name (Print/Type)/ #: _____	GSA Signature: _____

*US EPA or CA ID No. required only if full Generator Site Address not provided.

Form WM 440 Rev. 03/17/2021

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 909-297-9043

4. Waste Tracking Number: 0215183

GENERATOR

5. Generator's Name and Mailing Address

CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)

CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA ~~91719~~ 92883 u

Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

PROFILE #549329CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT
EMERGENCY CONTACT: BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve — Signature: L Langer — Month: 08 — Day: 19 — Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Treated Wood Waste (TWW) Bill of Lading

TWW Variance Violation: ☐ Yes ■ No

If Yes, submit BOL to DTSC within 30 days at TWW_Variances@dtsc.ca.gov

Part I: To be Completed by TWW Generator

Generator TWW Variance #: TWW-2021-LG-00650

ER TWW Variance#: _____

1. Generator's Name: Clow Valve	2. *Generator's ID No. or US EPA No. (Optional): CAD063115133
3. Generator's Site Street Address (where TWW from): 1375 Magnolia Avenue	4. Generator's Mailing Address (If Different From Site Address): 902 S 2nd St.
5. City: Corona, CA 91719 State: Zip:	6. City: Oskaloosa, IA 57577 State: Zip:
7. Generator's Telephone Number (Ext): 256-388-0001	8. Contact Name (Print/Type): Larry Bowers Telephone Number (Ext): 256-388-0001
9. Treated Wood Waste Type Information (Circle All That Apply): ■ Railroad Ties ☐ Tree Stakes ☐ Pressure Treated Lumber ☐ Mixed Load ☐ Fence Posts ☐ Other (Please Specify):_____	10. Generator Type (Check One) ☐ Residential ■ Commercial ☐ Other TWW Facility

11. CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described are not subject to hazardous waste regulations.

Name (Print/Type): Lindsey Langer on behalf of Clow Valve

Signature: LLanger Date: 08/19/21

Part II: To be Completed by TWW Transporter **Transporter TWW Variance #** TWW-2021-TR-00635

1. Transporter Company Name: B&D Construction	2. Contact Name (Print/Type): Brad Vernaci Telephone Number (Ext): 909-297-9043
3. Transporter Company Street Address: 145 N 10th Ave	4. City: Upland CA 91786 State: Zip:
5. Driver's Name (Print/Type): _____	6. Driver's Signature: _____ Date _____
7. Driver's License Number: State Issued:	8. Vehicle License Plate Number (excluding trailers):

Part III: To be Completed by Gate Services Assistant (GSA)

1. Select Receiving Facility/Landfill (check one):
   - ☐ Badlands Sanitary Landfill (Variance # TWW-2021-DF-00137) – 31125 Ironwood Ave., Moreno Valley, CA 92555
   - ☐ Lamb Canyon Sanitary Landfill (Variance # TWW-2021-DF-00136) – 16411 Lamb Canyon Rd, Beaumont, CA 92223
   - ■ El Sobrante Sanitary Landfill (Variance # TWW-2021-DF-00103) – 10910 Dawson Canyon Road, Corona, CA 92883

2. Date of Arrival: Month/Day/Year _____	3. Net Weight of Load: _____ tons	4. Transaction #: _____

5. Designated Facility Owner or Operator: Certification of receipt of TWW covered by this Bill of Lading.

GSA Name (Print/Type)/ #: _____	GSA Signature: _____

*US EPA or CA ID No. required only if full Generator Site Address not provided.

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 909-297-9043	4. Waste Tracking Number 0215184

GENERATOR

5. Generator's Name and Mailing Address

CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

Generator's Phone: 255-388-0001

Generator's Site Address (if different than mailing address)

CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B & D Construction — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA ~~91719~~ 92883

Facility's Phone: 951-277-1740

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

PROFILE #549329CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT
EMERGENCY CONTACT: BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve — Signature: Langer — Month 08 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jesse Camacho — Signature: [signature] — Month 8 Day 19 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09) **DESIGNATED FACILITY TO GENERATOR**

*US EPA or CA ID No. required only if full Generator Site Address not provided.

Form WM 440 Rev. 03/17/2021

RIVERSIDE COUNTY DEPARTMENT OF WASTE RESOURCES

Treated Wood Waste (TWW) Bill of Lading

TWW Variance Violation: ☐ Yes ■ No

If Yes, submit BOL to DTSC within 30 days at TWW_Variances@dtsc.ca.gov

Part I: To be Completed by TWW Generator

Generator TWW Variance #: TWW-2021-LG-00650

ER TWW Variance#: _____

1. Generator's Name: Clow Valve	2. *Generator's ID No. or US EPA No. (Optional): CAD063115133
3. Generator's Site Street Address (where TWW from): 1375 Magnolia Avenue	4. Generator's Mailing Address (If Different From Site Address): 902 S 2nd St.
5. City: Corona, CA 91719 State: Zip:	6. City: Oskaloosa, IA 57577 State: Zip:
7. Generator's Telephone Number (Ext): 256-388-0001	8. Contact Name (Print/Type): Larry Bowers Telephone Number (Ext): 256-388-0001

9. Treated Wood Waste Type Information (Circle All That Apply):
■ Railroad Ties ☐ Tree Stakes ☐ Pressure Treated Lumber
☐ Mixed Load ☐ Fence Posts ☐ Other (Please Specify):_____

10. Generator Type (Check One)
☐ Residential ■ Commercial
☐ Other TWW Facility

11. CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described are not subject to hazardous waste regulations.

Name (Print/Type): Lindsey Langer on behalf of Clow Valve

Signature: LLanger Date: 08/19/21

Part II: To be Completed by TWW Transporter **Transporter TWW Variance #** TWW-2021-TR-00635

1. Transporter Company Name: B&D Construction	2. Contact Name (Print/Type): Brad Vernaci Telephone Number (Ext): 909-297-9043
3. Transporter Company Street Address: 145 N 10th Ave	4. City: Upland CA 91786 State: Zip:
5. Driver's Name (Print/Type): _____	6. Driver's Signature: _____ Date _____
7. Driver's License Number: State Issued:	8. Vehicle License Plate Number (excluding trailers):

Part III: To be Completed by Gate Services Assistant (GSA)

1. Select Receiving Facility/Landfill (check one):
☐ Badlands Sanitary Landfill (Variance # TWW-2021-DF-00137) – 31125 Ironwood Ave., Moreno Valley, CA 92555
☐ Lamb Canyon Sanitary Landfill (Variance # TWW-2021-DF-00136) – 16411 Lamb Canyon Rd, Beaumont, CA 92223
■ El Sobrante Sanitary Landfill (Variance # TWW-2021-DF-00103) – 10910 Dawson Canyon Road, Corona, CA 92883

2. Date of Arrival: Month/Day/Year _____	3. Net Weight of Load: _____ tons	4. Transaction #: _____

5. Designated Facility Owner or Operator: Certification of receipt of TWW covered by this Bill of Lading.

GSA Name (Print/Type)/ #: _____	GSA Signature: _____

*US EPA or CA ID No. required only if full Generator Site Address not provided.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	909-297-9043	0215185

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B & D Construction — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA 91719
Facility's Phone: 951-277-1740
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE #649329CA

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT
EMERGENCY CONTACT: BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve — Signature: Langer — Month 08 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jesse Camacho — Signature — Month 8 Day 19 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
		909-297-9043	0215193

GENERATOR

5. Generator's Name and Mailing Address
CLOW VALVE.
1375 MAGNOLIA AVE
CORONA, CA 91719
Generator's Phone: 256-388-0001

Generator's Site Address (if different than mailing address)
CLOW VALVE
1375 MAGNOLIA AVE
CORONA, CA 91719

6. Transporter 1 Company Name: B & D Construction — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EL SOBRANTE LANDFILL
10910 DAWSON CANYON RD
CORONA, CA ~~91719~~ 92883
Facility's Phone: 951-277-1740
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON HAZARDOUS WASTE SOLID	1	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
PROFILE #649358CA TREE ROOTS

PLEASE WEAR PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (909) 297-9043

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lindsey Langer on behalf of Clow Valve — Signature: L Langer — Month 08 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josse Camacho — Signature: J Camacho — Month 8 Day 19 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09) **DESIGNATED FACILITY TO GENERATOR**

CASHIER SYSTEM

ORIGINAL *** CASH RECEIPT ***

POSTED AUG 12 2021

ENTERED AUG 12 2021

Receipt # 019340

Ticket # TCGYWR

PURCHASE TICKET

Receipt Date: 08/11/21 1:31pm

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

RC 14562

#929 - Dump Fees

Purchased From: BDC003
B & D CONSTRUCTION CO INC
145 N 10TH AVE
UPLAND, CA 91786

(License/ID No: E1908029)

Veh # TKCA9E41572 I.D. # 9E41572

Ticket#	Ship Dt	Commodity	Price	UM	Frt Ext	Total Amt
TCGYWR	08/11/21	Torch Cut	190.0000	GT	0.00	1811.78
	Veh#: TKCA9E41572	Weights:	59220g		37260t	21960n
	Wt Adj= -600lb Reason: OTHER					
Supplier BDC003 Totals (Pounds):			59220g		37260t	21960n
Total Payment Weight (Pounds):						21360

TOTAL AMOUNT PAID TO SUPPLIER (CASH): $1,811.78

Cashier Signature _____
(Leticia Rodriguez)

Customer Signature _____

(All weights are reported in Pounds unless otherwise indicated)
(All non-Pound weights are assumed to be manual weights)
(a=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)

any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

RC 14562

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Materials as defined by any federal or state law and that for payment hereby received, I sell and convey title to SA Recycling.

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE

Truck Cntrl - 42: 42 398542

Ticket # TCGYWR
Vehicle ID: 9E41572

Date: 08/11/21
Ship Date: 08/11/21

Ref No: TKCA9E41572

Purchased From: BDC003
B & D CONSTRUCTION CO INC
145 N 10TH AVE
UPLAND, CA 91786

License/ID No: E1908029 (CA)

Trader: Michael Kora

Itm	Shpmnt	Material	Pounds Gross	Tare	Net
1.	TCGYWR	Torch Cut	59220a	37260b	21960
	1240		Adj Reason: OTHER		
Totals					21960

Gross Wght Date/Time 08/11/21 10:10
Tare Wght Date/Time 08/11/21 10:36

Material Summary	Pd Wt (lb)	Price $/Unit	Extended Price $
Torch Cut	21960	190.0000/Gross tons	1,862.68
Price Adj: 2.73% OTHER		-5.1920/Gross tons	-50.90
Total:			**$ 1,811.78**

Deputy Signature _____
(Damaris Pedroza)

Customer Signature _____

Driver _____ | Date _____

(All weights are reported in Pounds unless otherwise indicated)
("m" Represents a weight that was manually entered)

For any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

CASHIER SYSTEM ORIGINAL *** CASH RECEIPT ***

POSTED AUG 12 2021

#9291 - Dump Fees

Receipt # 019339

Receipt Date: 08/11/21 1:31pm

ENTERED AUG 12 2021

RC 14562

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

Purchased From: BDC003
B & D CONSTRUCTION CO INC (License/ID No: E1908029)
145 N 10TH AVE
UPLAND, CA 91786

Veh # TKCA9E41572 I.D. # 9E41572

Ticket#	Ship Dt	Commodity		Price	UM	Frt Ext	Total Amt
TCHBZD	08/11/21	Torch Cut		90.0000	GT	0.00	1060.28
	Veh#: TKCA9E41572		Weights:	49680g		37180t	12500n
Supplier BDC003 Totals (Pounds):				49680g		37180t	12500n

TOTAL AMOUNT PAID TO SUPPLIER (CASH): $1,060.28

Cashier Signature _____
(Leticia Rodriguez)

Customer Signature _____

(All weights are reported in Pounds unless otherwise indicated)
(All non-Pound weights are assumed to be manual weights)
(a=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)

any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

COPY

Ticket # TCHBZD

PURCHASE TICKET

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

RC 14562

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Materials as defined by any federal or state law and that for payment hereby received, I sell and convey title to SA Recycling.

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE

Truck Cntrl - 42: 42 398622

Ticket # TCHBZD
Vehicle ID: 9E41572

Date: 08/11/21
Ship Date: 08/11/21

Ref No: TKCA9E41572

Purchased From: BDC003
B & D CONSTRUCTION CO INC License/ID No: E1908029 (CA)
145 N 10TH AVE
UPLAND, CA 91786

Trader: Michael Kora

Itm	Shpmnt	Material	Pounds Gross	Tare	Net
1.	TCHBZD 1240	Torch Cut	49680a	37180b	12500
Totals					12500

Gross Wght Date/Time 08/11/21 12:41
Tare Wght Date/Time 08/11/21 13:26

Material Summary	Pd Wt (lb)	Price $/Unit	Extended Price $
Torch Cut	12500	190.0000/Gross tons	1,060.28
Total:			**$ 1,060.28**

Deputy Signature _____
(Damaris Pedroza)

Customer Signature _____

Driver _____ Date _____

(All weights are reported in Pounds unless otherwise indicated)
("m" Represents a weight that was manually entered)

For any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

AUG 12 2021

COPY

SHIER SYSTEM * * * CASH RECEIPT * * *

#929- Dump Fees

Receipt # 019298

ceipt Date: 08/11/21 8:15am

ENTERED AUG 12 2021

Recycling LLC
515 Arrow Highway
ntana, CA 92335
09) 823-3431

rchased From: BDC003
& D CONSTRUCTION CO INC (License/ID No: E1908029)
45 N 10TH AVE
PLAND, CA 91786

n # TKCA9E41572 I.D. # 9E41572

cket#	Ship Dt	Commodity	Price	UM	Frt Ext	Total Amt
CGWGY	08/11/21	Torch Cut	190.0000	GT	0.00	2103.57
	Veh#: TKCA9E41572	Weights:	62160g		37360t	24800n
pplier BDC003 Totals (Pounds):			62160g		37360t	24800n

TAL AMOUNT PAID TO SUPPLIER (CASH): $2,103.57

shier Signature _____
(Aracelí Pedroza)

stomer Signature _____

ll weights are reported in Pounds unless otherwise indicated)
ll non-Pound weights are assumed to be manual weights)
=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)

y issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

Ticket # TCGWGY

PURCHASE TICKET

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

RC 14562

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture
BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Materials as defined by any federal or state law and that for payment hereby received, I sell and convey title to SA Recycling.

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE

Truck Cntrl - 42: 42 398519
Ticket # TCGWGY Date: 08/11/21
Vehicle ID: 9E41572 Ship Date: 08/11/21

Ref No: TKCA9E41572

Purchased From: BDC003
B & D CONSTRUCTION CO INC License/ID No: E1908029 (CA)
145 N 10TH AVE
UPLAND, CA 91786

Trader: Michael Kora

Itm	Shpmnt	Material	Pounds Gross	Tare	Net
1.	TCGWGY 1240	Torch Cut	62160a	37360b	24800
Totals					24800

Gross Wght Date/Time 08/11/21 07:58
Tare Wght Date/Time 08/11/21 08:08

Material Summary	Pd Wt (lb)	Price $/Unit	Extended Price $
Torch Cut	24800	190.0000/Gross tons	2,103.57
Total:			**$ 2,103.57**

Deputy Signature _____
(Damaris Pedroza)

Customer Signature _____

Driver_____ |Date_____

(All weights are reported in Pounds unless otherwise indicated)
("m" Represents a weight that was manually entered)

For any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

#929

COPY

ASHIER SYSTEM * * * CASH RECEIPT * * *

Receipt # 020584

eceipt Date: 09/08/21 9:45am

A Recycling LLC
5615 Arrow Highway
ontana, CA 92335
909) 823-3431

RC 14562

urchased From: BDC003
3 & D CONSTRUCTION CO INC (License/ID No: E1908029)
145 N 10TH AVE
JPLAND, CA 91786

eh # TKCA9E41572 I.D. # 9E41572

Ticket#	Ship Dt	Commodity	Price	UM	Frt Ext	Total Amt
TDHSRY	09/08/21	#1 Unprepared	245.0000	GT	0.00	223.12
	Veh#: TKCA9E41572	Weights:	39560g		37520t	2040n
upplier BDC003 Totals (Pounds):			39560g		37520t	2040n

OTAL AMOUNT PAID TO SUPPLIER (CASH): $223.12

ashier Signature _____
(Aurora Salamanca)

stomer Signature _____

ll weights are reported in Pounds unless otherwise indicated)
ll non-Pound weights are assumed to be manual weights)
=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)

y issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

Ticket # TDHSRY

PURCHASE TICKET

SA Recycling LLC
15615 Arrow Highway
Fontana, CA 92335
(909) 823-3431

RC 14562

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Materials as defined by any federal or state law and that for payment hereby received, I sell and convey title to SA Recycling.

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE

Truck Cntrl - 42: 42 401390
Ticket # TDHSRY Date: 09/08/21
Vehicle ID: 9E41572 Ship Date: 09/08/21

Ref No: TKCA9E41572

Purchased From: BDC003
B & D CONSTRUCTION CO INC License/ID No: E1908029 (CA)
145 N 10TH AVE
UPLAND, CA 91786

Trader: Michael Kora

Itm	Shpmnt	Material	Pounds Gross	Tare	Net
1.	TDHSRY	#1 Unprepared 1250	39560a	37520b	2040
Totals					2040

Gross Wght Date/Time 09/08/21 09:36
Tare Wght Date/Time 09/08/21 09:43

Material Summary	Pd Wt (lb)	Price $/Unit	Extended Price $
#1 Unprepared	2040	245.0000/Gross tons	223.12
Total:			$ 223.12

Deputy Signature _____
(Damaris Pedroza)

Customer Signature _____

Driver _____ Date _____

(All weights are reported in Pounds unless otherwise indicated)
("m" Represents a weight that was manually entered)

For any issues or concerns please contact our customer service dept.
(800) GOT-SCRAP

Customer Copy

Vulcan Materials Company

West Region

August 24, 2021

Company: B&D Construction CO Inc.

Product: Corona – Class 2 Aggregate Base PC# 6M700

Project: 1375 Magnolia Ave / Corona

To Whom It May Concern:

The California Mine ID for our Corona Quarry is 91-33-0027. This mine is on the current list of mining operations eligible to sell materials to State and local government agencies. Mining operations on this list have demonstrated to the Department of Conservation that they have met the requirements in Public Resources Code Section 2717 (b). **The aggregate products produced and shipped out of this plant is produced entirely from virgin aggregate sources.** The material is comprised of Granite. The composition varies naturally, typically containing some Quartz. Please find material Safety Data Sheets at **vulcanmaterials.com** under Construction Materials, material Safety Data Sheets listed under Western Division.

Except for quarrying operations, no development of any kind has occurred on land containing the quarry/source from which the fill material originates.

In California, Vulcan Materials Company, Western Division, does not quarry the ultramafic rock types that have been identified by the California Geological Survey as having the potential for containing naturally occurring asbestos.

If you have any questions or need additional information please call (626) 856-6190.

Sincerely,

Manolito Limos
Technical Services

LOS ANGELES REGIONAL LABORATORY
16009 FOOTHILL BOULEVARD•IRWINDALE, CALIFORNIA 91706•TELEPHONE 626 856 6190•FAX 626 969 2918

Vulcan
Materials Company
Western Division

Contractor: ***B&D Construction CO Inc.***

August 24, 2021

Project: ***1375 Magnolia Ave / Corona***

Plant: ***Vulcan Materials / Corona (SMARA # 91-33-0027)***

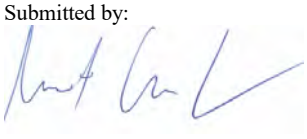
Material: ***3/4" Class II Aggregate Base***
Product Code: ***6M700***

This is to certify that Vulcan Materials Company, Western Division, **Corona**, will supply 3/4" Class II Aggregate Base to the above listed project and that this product will conform to Section 26 of the 2018 State of California Standard Specification. *Due to the natural effects of segregation and the effects of post-delivery handling, Vulcan Materials Company guarantees that its material will meet the specifications in this submittal at the point of delivery only, and when sampled in accordance with ASTM D75.*

Sieve Size		Percent Passing	Caltrans Section 26-1.02B Operating Range	Caltrans Section 26-1.02B Contract Compliance
25 mm	(1")	100	100	100
19 mm	(3/4")	98	90-100	87-100
12.5 mm	(1/2")	84	------	------
9.5 mm	(3/8")	73	------	------
4.75 mm	(No. 4)	49	35-60	30-65
2.36 mm	(No. 8)	34	------	------
1.18 mm	(No. 16)	24	------	------
600 um	(No. 30)	17	10-30	5-35
300 um	(No. 50)	12	------	------
150 um	(No. 100)	9	------	------
75 um	(No. 200)	7.5	2-9	0-12

	Test Method	Result	Operating Range	Contract Compliance
Sand Equivalent	CT 217	36	25 min.	22 min.
Durability Index	CT 229	57		35 min
R- Value	CT 301	81		78 min

Submitted by:



Manolito Limos
Technical Services

Southern California Quality Control Department
16009 Foothill Boulevard • Irwindale, California 91706 • Telephone (626) 856-6190 • Fax (626) 969-2918
Please Note: Not Valid if Altered

APPENDIX D

Clow Valve CMIWP Implementation

View of AOC1/AOC5 facing west from east side of AOC5 during tree removal (7/30/21).

View of AOC1/AOC5 facing west from east side of AOC5 after tree removal (7/30/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from stabilized construction entrance at southeast corner of AOC5 facing west. View of breaking/removal of concrete (8/3/21).

View from AOC5 east side facing west. View of excavation activities associated with former septic tank debris/piping (8/3/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View of AOC1 from west boundary. View of railroad removal activities (8/4/21)

View from AOC1 west boundary of removal activities associated with railroad lines (8/9/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from AOC1 west boundary after rail lines and ties have been removed (8/10/21).

View from AOC1 west boundary after rail lines and ties have been removed (8/10/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from AOC1 northwest corner of beginning of hot spot excavation activities (8/11/21).

View from north center fence line of AOC1/AOC5 facing west. View of excavation AOC1-B3 with concrete footing extending beneath fencing towards Anaco (8/23/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View facing west from AOC1/AOC5. View of Geotech subcontractor collecting data on the backfill of the former septic tank excavation. (8/24/21)

View from northeast corner of AOC5 northeast corner facing west. View of backfilled excavation AOC1-B3 (8/25/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from southwest corner of AOC1 facing east. View of ripping activities (8/30/21)

View from northwest side of AOC1. View of ripping and moisture conditioning activities up to the edge of the current asphalt pavement after fencing was removed. (8/31/21)

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from west side of AOC1. View of moisture conditioned soil up to the edge of the current asphalt pavement. (8/31/21)

View of from southwest corner of AOC1. View of delineated area. (8/31/21)

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View of site preparation activities from east side of AOC5 facing west (9/2/21).

View of GPI conducting geotechnical testing/sampling of compaction (9/3/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View of AOC1 from west side prepped for paving (9/7/21)

View of paving activities from AOC1 southwest corner (9/8/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View from northeast corner of AOC1 with pavement and associated curbing (9/9/21).

View of new surface pavement at SW2 hot spot area (9/9/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View of new surface pavement at SW3 hot spot area (9/9/21).

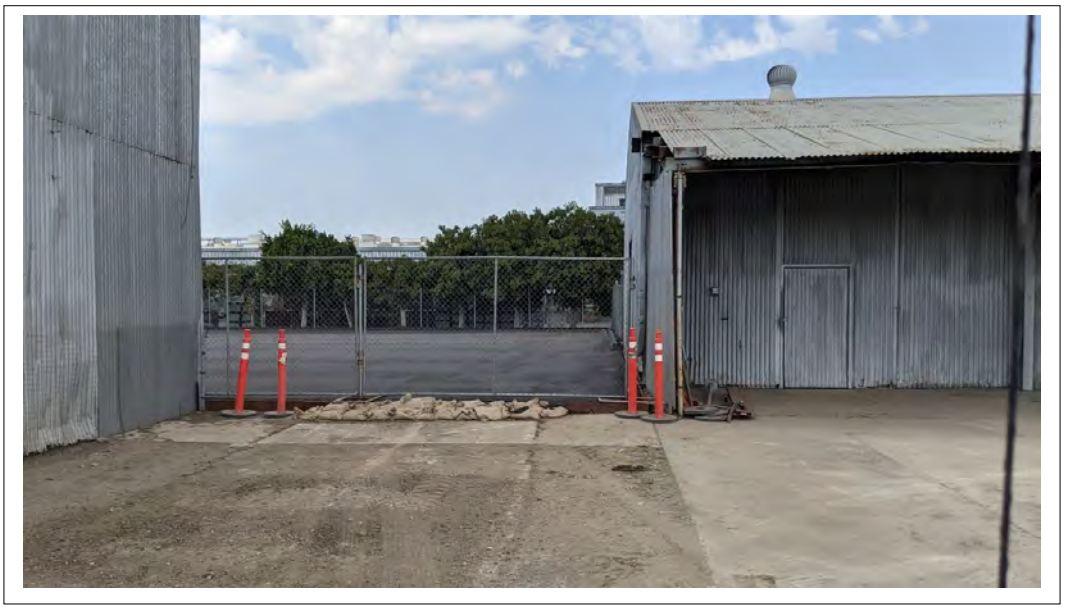
View of new surface pavement at AOC2 and AOC9 (9/9/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

View of new surface pavement at AOC3 (9/9/21).

View from the southwest corner of temporary fencing around newly paved AOC1/AOC5 (9/16/21).

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**



View from the southeast entrance to AOC1/AOC5 of the temporary fencing (9/16/21)

SITE PHOTOGRAPHS	EARTHCON® Member of WSP	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO.04.20150013.19**

APPENDIX E

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

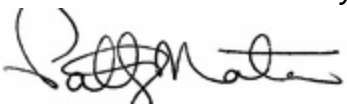
Lab Job Number:	449731
Report Level:	II
Report Date:	08/27/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Location: Clow 04.20150013.19

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #:	449731
Location:	Clow 04.20150013.19
Date Received:	08/26/21

Sample ID	Lab ID	Collected	Matrix
B3-S8C	449731-001	08/26/21 10:08	Soil
B3-S8D	449731-002	08/26/21 11:10	Soil

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 449731

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	24hr	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 6.5/8-5 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	
Report To:	Becky Sundilson	Proj. Name:	Clow
Email:	BSundilson@earthcon.com	Proj. #:	04.20150013.19
Address:	1180 Town and Country Rd	P.O. #:	
	Suite 200 orange, CA	Address:	1375 Magnolia Ave Corona
Phone:	(714) 321-8624	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 6010 Lead	Test Instructions / Comments
1	B3-S8C	08/20/21	1008	Soil	1607	—	X	
2	B3-S8D	08/20/21	~~1010~~ 1110	Soil	1607	—	X	
3			1110					
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	L Langer	Lindsey Langer	Earthcon	08/24/21 1344
[1] Received By:		Guang Kuan	GS	8/24/21 1344
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow 04.20150013.19

Date Received: 8/26/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 8.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 6.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/26/21

ENTHALPY ANALYTICAL

Analysis Results for 449731

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449731
Location: Clow 04.20150013.19
Date Received: 08/26/21

Sample ID: B3-S8C **Lab ID: 449731-001** **Collected: 08/26/21 10:08**
Matrix: Soil

449731-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2,100**		mg/Kg	0.90	0.9	272953	08/26/21	08/26/21	KLN

Sample ID: B3-S8D **Lab ID: 449731-002** **Collected: 08/26/21 11:10**
Matrix: Soil

449731-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**240**		mg/Kg	0.91	0.91	272953	08/26/21	08/26/21	KLN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC940866	**Batch:** 272953
Matrix: Miscell.	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC940866 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	08/26/21	08/26/21

Type: Lab Control Sample	**Lab ID:** QC940867	**Batch:** 272953
Matrix: Miscell.	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC940867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	104.5	100.0	mg/Kg	105%		80-120

Type: Matrix Spike	**Lab ID:** QC940868	**Batch:** 272953
Matrix (Source ID): Soil (449618-001)	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC940868 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.6	9.169	104.2	mg/Kg	97%		75-125	1

Type: Matrix Spike Duplicate	**Lab ID:** QC940869	**Batch:** 272953
Matrix (Source ID): Soil (449618-001)	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC940869 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	94.19	9.169	86.96	mg/Kg	98%		75-125	0	20	0.87

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

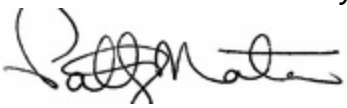
Lab Job Number: 449800
Report Level: II
Report Date: 08/31/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Location: Clow Valve 04.20150013.19

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449800
Location: Clow Valve 04.20150013.19
Date Received: 08/27/21

Sample ID	Lab ID	Collected	Matrix
REF B-1	449800-001	08/27/21 07:28	Soil
SP-CONC-A	449800-002	08/27/21 11:04	Soil
B3-S8E	449800-003	08/27/21 12:14	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1914 W. Orangewood Ave., Suite 102 Orange, CA 92868 Becky Sundilson	Lab Job Number: 449800 Location: Clow Valve 04.20150013.19 Date Received: 08/27/21

This data package contains sample and QC results for three soil samples, requested for the above referenced project on 08/27/21. The samples were received cold and intact.

Metals (EPA 6010B and EPA 7471A):

Low recoveries were observed for barium and antimony in the MS/MSD for batch 273029; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 449900 — Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:	X	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 18.3/5.6 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	EARTHCON CONSULTANTS	Quote #:	
Report To:	BECKY SUNDILSON	Proj. Name:	CLOW VALVE
Email:	bsundilson@earthcon.com	Proj. #:	04.20150013.19
Address:	1100 TOWN + COUNTRY RD	P.O. #:	
	SUITE 200, ORANGE CA	Address:	1375 MAGNOLIA, CORONA
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	JDB

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	6010 LEAD	TITLE 22 METALS 6010/7471	TPH 8015 CARBON CHAIN	PCB 8082A / SOXHLET EXT	Test Instructions / Comments
1	RefB-1	8-27-21	0728	SOIL	1 / 16oz	—		X			48 HR TAT
2	SP-CONC-A	8.27.21	1104	SOIL	1 / 16oz	—		X	X	X	48 HR TAT
3	B3-S8E	8 27.21	1214	SOIL	1 / 16oz	—	X				24 HR TAT
4											
5											
6											
7											
8											
9											
10											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jeff Bennett	EARTHCON/PRINCIPAL	8/27/21 1520
[1] Received By:		Elizabeth Ramirez	EA	8/27/21 15:20
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow Valve

Date Received: 8/27/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 18.3 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.6 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/27/21

ENTHALPY ANALYTICAL

Analysis Results for 449800

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449800
Location: Clow Valve 04.20150013.19
Date Received: 08/27/21

Sample ID: REF B-1 **Lab ID: 449800-001** **Collected: 08/27/21 07:28**
Matrix: Soil

449800-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.7	0.89	273029	08/27/21	08/29/21	JCP
Arsenic	ND		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Barium	**27**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Beryllium	ND		mg/Kg	0.45	0.89	273029	08/27/21	08/29/21	JCP
Cadmium	ND		mg/Kg	0.45	0.89	273029	08/27/21	08/29/21	JCP
Chromium	**5.3**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Cobalt	ND		mg/Kg	0.45	0.89	273029	08/27/21	08/29/21	JCP
Copper	**26**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Lead	**4.2**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Molybdenum	ND		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Nickel	**2.0**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Selenium	ND		mg/Kg	2.7	0.89	273029	08/27/21	08/29/21	JCP
Silver	ND		mg/Kg	0.45	0.89	273029	08/27/21	08/30/21	JCP
Thallium	ND		mg/Kg	2.7	0.89	273029	08/27/21	08/29/21	JCP
Vanadium	**2.1**		mg/Kg	0.89	0.89	273029	08/27/21	08/29/21	JCP
Zinc	**28**		mg/Kg	4.5	0.89	273029	08/27/21	08/29/21	JCP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	273067	08/30/21	08/30/21	TNN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449800

Sample ID: SP-CONC-A	Lab ID: 449800-002	Collected: 08/27/21 11:04
	Matrix: Soil	

449800-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	**3.9**		mg/Kg	2.8	0.93	273029	08/27/21	08/29/21	JCP
Arsenic	**110**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Barium	**130**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Beryllium	**0.49**		mg/Kg	0.46	0.93	273029	08/27/21	08/29/21	JCP
Cadmium	ND		mg/Kg	0.46	0.93	273029	08/27/21	08/29/21	JCP
Chromium	**30**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Cobalt	**5.4**		mg/Kg	0.46	0.93	273029	08/27/21	08/29/21	JCP
Copper	**42**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Lead	**23**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Molybdenum	ND		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Nickel	**9.9**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Selenium	ND		mg/Kg	2.8	0.93	273029	08/27/21	08/29/21	JCP
Silver	ND		mg/Kg	0.46	0.93	273029	08/27/21	08/30/21	JCP
Thallium	ND		mg/Kg	2.8	0.93	273029	08/27/21	08/29/21	JCP
Vanadium	**34**		mg/Kg	0.93	0.93	273029	08/27/21	08/29/21	JCP
Zinc	**160**		mg/Kg	4.6	0.93	273029	08/27/21	08/29/21	JCP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	273067	08/30/21	08/30/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273054	08/30/21	08/30/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273054	08/30/21	08/30/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273054	08/30/21	08/30/21	MES
Surrogates				**Limits**					
n-Triacontane	84%		%REC	70-130	1	273054	08/30/21	08/30/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273059	08/30/21	08/30/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1260	**84**		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273059	08/30/21	08/30/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	91%		%REC	19-121	1	273059	08/30/21	08/30/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449800

Sample ID: B3-S8E	Lab ID: 449800-003	Collected: 08/27/21 12:14
	Matrix: Soil	

449800-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**310**		mg/Kg	0.88	0.88	273029	08/27/21	08/29/21	JCP

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC941049**	**Batch: 273029**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC941049 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	08/27/21	08/29/21
Arsenic	ND		mg/Kg	1.0	08/27/21	08/29/21
Barium	ND		mg/Kg	1.0	08/27/21	08/29/21
Beryllium	ND		mg/Kg	0.50	08/27/21	08/29/21
Cadmium	ND		mg/Kg	0.50	08/27/21	08/29/21
Chromium	ND		mg/Kg	1.0	08/27/21	08/30/21
Cobalt	ND		mg/Kg	0.50	08/27/21	08/29/21
Copper	ND		mg/Kg	1.0	08/27/21	08/29/21
Lead	ND		mg/Kg	1.0	08/27/21	08/29/21
Molybdenum	ND		mg/Kg	1.0	08/27/21	08/29/21
Nickel	ND		mg/Kg	1.0	08/27/21	08/29/21
Selenium	ND		mg/Kg	3.0	08/27/21	08/29/21
Silver	ND		mg/Kg	0.50	08/27/21	08/30/21
Thallium	ND		mg/Kg	3.0	08/27/21	08/29/21
Vanadium	ND		mg/Kg	1.0	08/27/21	08/29/21
Zinc	ND		mg/Kg	5.0	08/27/21	08/29/21

Type: Lab Control Sample	**Lab ID: QC941050**	**Batch: 273029**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC941050 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	107.7	100.0	mg/Kg	108%		80-120
Arsenic	102.2	100.0	mg/Kg	102%		80-120
Barium	105.8	100.0	mg/Kg	106%		80-120
Beryllium	105.1	100.0	mg/Kg	105%		80-120
Cadmium	101.5	100.0	mg/Kg	101%		80-120
Chromium	100.0	100.0	mg/Kg	100%		80-120
Cobalt	105.1	100.0	mg/Kg	105%		80-120
Copper	100.4	100.0	mg/Kg	100%		80-120
Lead	106.5	100.0	mg/Kg	106%		80-120
Molybdenum	107.9	100.0	mg/Kg	108%		80-120
Nickel	105.4	100.0	mg/Kg	105%		80-120
Selenium	91.91	100.0	mg/Kg	92%		80-120
Silver	49.93	50.00	mg/Kg	100%		80-120
Thallium	109.0	100.0	mg/Kg	109%		80-120
Vanadium	105.1	100.0	mg/Kg	105%		80-120
Zinc	107.1	100.0	mg/Kg	107%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC941051	Batch:	273029
Matrix (Source ID):	Soil (449734-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC941051 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	34.83	ND	84.75	mg/Kg	41%	*	75-125	0.85
Arsenic	94.40	3.774	84.75	mg/Kg	107%		75-125	0.85
Barium	322.8	261.3	84.75	mg/Kg	73%	*	75-125	0.85
Beryllium	85.83	0.3554	84.75	mg/Kg	101%		75-125	0.85
Cadmium	88.40	ND	84.75	mg/Kg	104%		75-125	0.85
Chromium	129.3	34.04	84.75	mg/Kg	112%		75-125	0.85
Cobalt	92.69	8.481	84.75	mg/Kg	99%		75-125	0.85
Copper	124.4	27.28	84.75	mg/Kg	115%		75-125	0.85
Lead	92.08	8.013	84.75	mg/Kg	99%		75-125	0.85
Molybdenum	88.49	0.7077	84.75	mg/Kg	104%		75-125	0.85
Nickel	146.0	44.60	84.75	mg/Kg	120%		75-125	0.85
Selenium	80.41	ND	84.75	mg/Kg	95%		75-125	0.85
Silver	42.68	ND	42.37	mg/Kg	101%		75-125	0.85
Thallium	83.53	ND	84.75	mg/Kg	99%		75-125	0.85
Vanadium	145.8	51.79	84.75	mg/Kg	111%		75-125	0.85
Zinc	141.1	51.68	84.75	mg/Kg	105%		75-125	0.85

Type:	Matrix Spike Duplicate	Lab ID:	QC941052	Batch:	273029
Matrix (Source ID):	Soil (449734-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC941052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	41.88	ND	96.15	mg/Kg	44%	*	75-125	6	41	0.96
Arsenic	104.0	3.774	96.15	mg/Kg	104%		75-125	2	35	0.96
Barium	344.7	261.3	96.15	mg/Kg	87%		75-125	3	20	0.96
Beryllium	95.65	0.3554	96.15	mg/Kg	99%		75-125	2	20	0.96
Cadmium	97.97	ND	96.15	mg/Kg	102%		75-125	2	20	0.96
Chromium	131.3	34.04	96.15	mg/Kg	101%		75-125	8	20	0.96
Cobalt	100.8	8.481	96.15	mg/Kg	96%		75-125	3	20	0.96
Copper	122.0	27.28	96.15	mg/Kg	98%		75-125	12	20	0.96
Lead	101.8	8.013	96.15	mg/Kg	97%		75-125	2	20	0.96
Molybdenum	98.02	0.7077	96.15	mg/Kg	101%		75-125	2	20	0.96
Nickel	139.0	44.60	96.15	mg/Kg	98%		75-125	13	20	0.96
Selenium	88.60	ND	96.15	mg/Kg	92%		75-125	3	20	0.96
Silver	48.23	ND	48.08	mg/Kg	100%		75-125	0	20	0.96
Thallium	93.27	ND	96.15	mg/Kg	97%		75-125	2	20	0.96
Vanadium	152.5	51.79	96.15	mg/Kg	105%		75-125	4	20	0.96
Zinc	153.4	51.68	96.15	mg/Kg	106%		75-125	0	20	0.96

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC941144**	**Batch: 273054**
Matrix: Miscell.	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941144 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	08/30/21	08/30/21
DRO C10-C28	ND		mg/Kg	10	08/30/21	08/30/21
ORO C28-C44	ND		mg/Kg	20	08/30/21	08/30/21
Surrogates				**Limits**		
n-Triacontane	112%		%REC	70-130	08/30/21	08/30/21

Type: Lab Control Sample	**Lab ID: QC941145**	**Batch: 273054**
Matrix: Miscell.	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941145 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	277.2	250.0	mg/Kg	111%		76-122
Surrogates						
n-Triacontane	10.94	10.00	mg/Kg	109%		70-130

Type: Matrix Spike	**Lab ID: QC941146**	**Batch: 273054**
Matrix (Source ID): Miscell. (449815-001)	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941146 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	6,044	54.16	5000	mg/Kg	120%		62-126	20
Surrogates								
n-Triacontane	221.2		200.0	mg/Kg	111%		70-130	20

Type: Matrix Spike Duplicate	**Lab ID: QC941147**	**Batch: 273054**
Matrix (Source ID): Miscell. (449815-001)	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941147 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	6,175	54.16	5000	mg/Kg	122%		62-126	2	35	20
Surrogates										
n-Triacontane	222.2		200.0	mg/Kg	111%		70-130			20

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC941171**	**Batch: 273059**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941171 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	08/30/21	08/30/21
Aroclor-1221	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1232	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1242	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1248	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1254	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1260	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1262	ND		ug/Kg	50	08/30/21	08/30/21
Aroclor-1268	ND		ug/Kg	50	08/30/21	08/30/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	101%		%REC	19-121	08/30/21	08/30/21

Type: Lab Control Sample	**Lab ID: QC941172**	**Batch: 273059**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941172 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	430.1	500.0	ug/Kg	86%		14-150
Aroclor-1260	519.7	500.0	ug/Kg	104%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	55.11	50.00	ug/Kg	110%		19-121

Type: Matrix Spike	**Lab ID: QC941173**	**Batch: 273059**
Matrix (Source ID): Soil (449800-002)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941173 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	418.1	ND	500.0	ug/Kg	84%		42-127	1
Aroclor-1260	478.0	84.39	500.0	ug/Kg	79%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	44.37		50.00	ug/Kg	89%		19-121	1

ENTHALPY ANALYTICAL

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC941174	Batch: 273059
Matrix (Source ID): Soil (449800-002)	Method: EPA 8082	Prep Method: EPA 3541

QC941174 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	375.1	ND	500.0	ug/Kg	75%		42-127	11	30	1
Aroclor-1260	459.6	84.39	500.0	ug/Kg	75%		38-130	4	30	1
Surrogates										
Decachlorobiphenyl (PCB)	44.70		50.00	ug/Kg	89%		19-121			1

Type: Blank	Lab ID: QC941199	Batch: 273067
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC941199 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	08/30/21	08/30/21

Type: Lab Control Sample	Lab ID: QC941200	Batch: 273067
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC941200 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8261	0.8333	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC941201	Batch: 273067
Matrix (Source ID): Soil (449700-003)	Method: EPA 7471A	Prep Method: METHOD

QC941201 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9628	0.09291	0.9091	mg/Kg	96%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC941202	Batch: 273067
Matrix (Source ID): Soil (449700-003)	Method: EPA 7471A	Prep Method: METHOD

QC941202 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9638	0.09291	0.8929	mg/Kg	98%		75-125	2	20	1.1

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

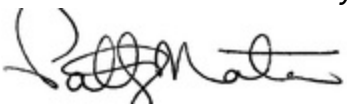
Lab Job Number: 449890
Report Level: II
Report Date: 09/03/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Location: Clow Valve 04.20150013.19

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson EarthCon Consultants CA, Inc. 1914 W. Orangewood Ave., Suite 102 Orange, CA 92868		Lab Job #: Location: Date Received:	449890 Clow Valve 04.20150013.19 08/27/21

Sample ID	Lab ID	Collected	Matrix
SP-CONC-A	449890-001	08/27/21 11:04	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1914 W. Orangewood Ave., Suite 102 Orange, CA 92868 Becky Sundilson	Lab Job Number: 449890 Location: Clow Valve 04.20150013.19 Date Received: 08/27/21

This data package contains sample and QC results for one soil sample, received on 8/27/21. Additional tests were requested for the above referenced project on 08/31/21. The sample was received cold and intact. Only the additional STLC and TCLP results are included in this report.

ENTHALPY ANALYTICAL

Chain of Custody Record Lab No: 449900 Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:	X	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 18.3/5.6 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	EARTHCON CONSULTANTS	Quote #:	
Report To:	BECKY SUNDICSON	Proj. Name:	CLOW VALVE
Email:	bsundilson@earthcon.com	Proj. #:	04.20150013.19
Address:	1100 TOWN + COUNTRY RD	P.O. #:	
	SUITE 200, ORANGE CA	Address:	1375 MAGNOLIA, CORONA
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	JAB

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	6010 LEAD	TITLE 22 METALS 6010/7471	TPH 8015 CARBON CHAIN	PCB 8082A / SOXHLET EXT	Test Instructions / Comments
1	RefB-1	8-27-21	0728	SOIL	1 / 16oz	—		X			48 HR TAT
2	SP-CONC-A	8.27.21	1104	SOIL	1 / 16oz	—		X	X	X	48 HR TAT
3	B3-S8E	8 27.21	1214	SOIL	1 / 16oz	—	X				24 HR TAT
4											
5											
6											
7											
8											
9											
10											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jeff Bennett	EARTHCON/ENTHALPY	8/27/21 1520
[1] Received By:		Elizabeth Ramos	EA	8/27/21 15:20
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants

Project: Clow Valve

Date Received: 8/27/21

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 18.3 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.6 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/27/21

Patty Mata

From: Becky Sundilson <bsundilson@earthcon.com> on behalf of Becky Sundilson
Sent: Tuesday, August 31, 2021 1:13 PM
To: patty.mata@enthalpy.com
Subject: [EXTERNAL] RE: Clow Valve 04.20150013.19 - Enthalpy Data (449800) (Invoice CINV-051749)

Importance: High

Please run SP-CONC-A for: STLC/TCLP on 72 hr TAT (is that the quickest)?

Becky Sundilson
Senior Scientist
CPSWQ 696, QSD/QSP 1183, SM-QSD 76, QISP 189

EarthCon Consultants CA, Inc.
1100 Town & Country Road, Suite 200
Orange, CA 92868

****NOTE NEW ADDRESS**

Office: 714.500.5405
Cell: 714.321.8626
Fax: 714.960.2462
bsundilson@earthcon.com

From: Patty Mata <patty.mata@enthalpy.com>
Sent: Tuesday, August 31, 2021 11:19 AM
To: Becky Sundilson <bsundilson@earthcon.com>
Subject: Clow Valve 04.20150013.19 - Enthalpy Data (449800) (Invoice CINV-051749)

Hi Becky,

Final report and/or invoice are attached with associated COC form. Thank you.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Please find attached the following files:

ENTHALPY ANALYTICAL

Analysis Results for 449890

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449890
Location: Clow Valve 04.20150013.19
Date Received: 08/27/21

Sample ID: SP-CONC-A **Lab ID: 449890-001** **Collected: 08/27/21 11:04**

449890-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Arsenic	ND		mg/L	0.030	TCLP Leachate	1	273287	09/02/21	09/02/21	KLN
Arsenic	ND		mg/L	0.030	WET Leachate	1	273349	09/03/21	09/03/21	KLN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC941876	Batch: 273287
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC941876 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.030	09/02/21	09/02/21

Type: Lab Control Sample	Lab ID: QC941877	Batch: 273287
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC941877 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	2.171	2.000	mg/L	109%		80-120

Type: Matrix Spike	Lab ID: QC941878	Batch: 273287
Matrix (Source ID): TCLP Leachate (449793-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC941878 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	2.282	ND	2.000	mg/L	114%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC941879	Batch: 273287
Matrix (Source ID): TCLP Leachate (449793-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC941879 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	2.274	ND	2.000	mg/L	114%		75-125	0	20	1

Type: Blank	Lab ID: QC942047	Batch: 273349
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC942047 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.030	09/03/21	09/03/21

Type: Lab Control Sample	Lab ID: QC942049	Batch: 273349
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC942049 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	0.5521	0.5000	mg/L	110%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC942050**	**Batch:**	**273349**
Matrix:	**WET Leachate**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3010A**

QC942050 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Arsenic	0.5621	0.5000	mg/L	112%		80-120	2	20

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

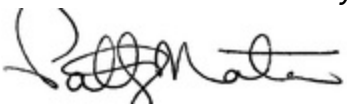
Lab Job Number: 449958
Report Level: II
Report Date: 09/02/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Location: 04.20150013.19 Clow Valve

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449958
Location: 04.20150013.19 Clow Valve
Date Received: 09/01/21

Sample ID	Lab ID	Collected	Matrix
SP-CONC-B	449958-001	09/01/21 08:10	Soil
SP-CONC-C	449958-002	09/01/21 08:15	Soil
SP-CONC-D	449958-003	09/01/21 08:22	Soil
SP-CONC-E	449958-004	09/01/21 08:49	Soil
SP-CONC-F	449958-005	09/01/21 09:07	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1914 W. Orangewood Ave., Suite 102 Orange, CA 92868 Becky Sundilson	Lab Job Number: 449958 Location: 04.20150013.19 Clow Valve Date Received: 09/01/21

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 09/01/21. The samples were received cold and intact.

Metals (EPA 6010B and EPA 7471A):

Low recoveries were observed for antimony in the MS/MSD of SP-CONC-B (lab # 449958-001); the LCS was within limits, and the associated RPD was within limits. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 449458

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	X	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 3.1 /3.0 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	
Report To:	Becky Sundilson	Proj. Name:	Clow Valve
Email:	bsundilson@earthcon.com	Proj. #:	04.20150013.19
Address:	1100 Town and country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	6010 Lead	Title 22 Metals 6010/7471	TPH 8015 Carbon Chain	POB 8082A 1 60XHIET EXT	Test Instructions / Comments
1	SP-Conc-B	09/01/21	0810	Soil	2/4oz	-	X	X	X	X	
2	SP-Conc-C	09/01/21	0815	Soil	2/4oz	-	X	X	X	X	
3	SP-Conc-D	09/01/21	0822	Soil	2/4oz	-	X	X	X	X	
4	SP-Conc-E	09/01/21	0849	Soil	2/4oz	-	X	X	X	X	
5	SP-Conc-F	09/01/21	0907	Soil	2/4oz	-	X	X	X	X	
6											
7											
8											
9											
10											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	LRanger	Lindsey Langer	Earthcon/staff scientist	09/01/21 1330
[1] Received By:			EA	9/1/21 1330
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow Valve

Date Received: 9/1/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/1/21

Enthalpy Analytical, a subsidiary of Montrose Environmental Group, Inc.
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www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 449958

Becky Sundilson
EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave., Suite 102
Orange, CA 92868

Lab Job #: 449958
Location: 04.20150013.19 Clow Valve
Date Received: 09/01/21

Sample ID: SP-CONC-B **Lab ID: 449958-001** **Collected: 09/01/21 08:10**
Matrix: Soil

449958-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.92	273241	09/01/21	09/02/21	KLN
Arsenic	**5.1**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Barium	**78**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Beryllium	ND		mg/Kg	0.46	0.92	273241	09/01/21	09/02/21	KLN
Cadmium	ND		mg/Kg	0.46	0.92	273241	09/01/21	09/02/21	KLN
Chromium	**18**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Cobalt	**4.4**		mg/Kg	0.46	0.92	273241	09/01/21	09/02/21	KLN
Copper	**17**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Lead	**17**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Molybdenum	ND		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Nickel	**7.2**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Selenium	ND		mg/Kg	2.8	0.92	273241	09/01/21	09/02/21	KLN
Silver	ND		mg/Kg	0.46	0.92	273241	09/01/21	09/02/21	KLN
Thallium	ND		mg/Kg	2.8	0.92	273241	09/01/21	09/02/21	KLN
Vanadium	**28**		mg/Kg	0.92	0.92	273241	09/01/21	09/02/21	KLN
Zinc	**35**		mg/Kg	4.6	0.92	273241	09/01/21	09/02/21	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	273279	09/02/21	09/02/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273221	09/01/21	09/02/21	MES
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	1	273221	09/01/21	09/02/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273235	09/01/21	09/01/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

449958-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1262	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

Sample ID: SP-CONC-C	Lab ID: 449958-002	Collected: 09/01/21 08:15
	Matrix: Soil	

449958-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	273241	09/01/21	09/02/21	KLN
Arsenic	**4.1**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Barium	**68**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Beryllium	ND		mg/Kg	0.49	0.97	273241	09/01/21	09/02/21	KLN
Cadmium	ND		mg/Kg	0.49	0.97	273241	09/01/21	09/02/21	KLN
Chromium	**17**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Cobalt	**4.0**		mg/Kg	0.49	0.97	273241	09/01/21	09/02/21	KLN
Copper	**13**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Lead	**14**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Molybdenum	ND		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Nickel	**6.2**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Selenium	ND		mg/Kg	2.9	0.97	273241	09/01/21	09/02/21	KLN
Silver	ND		mg/Kg	0.49	0.97	273241	09/01/21	09/02/21	KLN
Thallium	ND		mg/Kg	2.9	0.97	273241	09/01/21	09/02/21	KLN
Vanadium	**25**		mg/Kg	0.97	0.97	273241	09/01/21	09/02/21	KLN
Zinc	**30**		mg/Kg	4.9	0.97	273241	09/01/21	09/02/21	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	273279	09/02/21	09/02/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273221	09/01/21	09/02/21	MES
Surrogates				**Limits**					
n-Triacontane	85%		%REC	70-130	1	273221	09/01/21	09/02/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273235	09/01/21	09/01/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	95%		%REC	19-121	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

Sample ID: SP-CONC-D	Lab ID: 449958-003	Collected: 09/01/21 08:22
	Matrix: Soil	

449958-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.7	0.91	273241	09/01/21	09/02/21	KLN
Arsenic	**6.1**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Barium	**70**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Beryllium	ND		mg/Kg	0.45	0.91	273241	09/01/21	09/02/21	KLN
Cadmium	ND		mg/Kg	0.45	0.91	273241	09/01/21	09/02/21	KLN
Chromium	**15**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Cobalt	**3.6**		mg/Kg	0.45	0.91	273241	09/01/21	09/02/21	KLN
Copper	**13**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Lead	**15**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Molybdenum	ND		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Nickel	**5.7**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Selenium	ND		mg/Kg	2.7	0.91	273241	09/01/21	09/02/21	KLN
Silver	ND		mg/Kg	0.45	0.91	273241	09/01/21	09/02/21	KLN
Thallium	ND		mg/Kg	2.7	0.91	273241	09/01/21	09/02/21	KLN
Vanadium	**22**		mg/Kg	0.91	0.91	273241	09/01/21	09/02/21	KLN
Zinc	**32**		mg/Kg	4.5	0.91	273241	09/01/21	09/02/21	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	273279	09/02/21	09/02/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273221	09/01/21	09/02/21	MES
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	1	273221	09/01/21	09/02/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273235	09/01/21	09/01/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	98%		%REC	19-121	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

Sample ID: SP-CONC-E	Lab ID: 449958-004	Collected: 09/01/21 08:49
	Matrix: Soil	

449958-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.5	0.85	273241	09/01/21	09/02/21	KLN
Arsenic	**6.1**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Barium	**79**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Beryllium	ND		mg/Kg	0.42	0.85	273241	09/01/21	09/02/21	KLN
Cadmium	ND		mg/Kg	0.42	0.85	273241	09/01/21	09/02/21	KLN
Chromium	**21**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Cobalt	**5.2**		mg/Kg	0.42	0.85	273241	09/01/21	09/02/21	KLN
Copper	**12**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Lead	**16**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Molybdenum	ND		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Nickel	**7.4**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Selenium	ND		mg/Kg	2.5	0.85	273241	09/01/21	09/02/21	KLN
Silver	ND		mg/Kg	0.42	0.85	273241	09/01/21	09/02/21	KLN
Thallium	ND		mg/Kg	2.5	0.85	273241	09/01/21	09/02/21	KLN
Vanadium	**27**		mg/Kg	0.85	0.85	273241	09/01/21	09/02/21	KLN
Zinc	**34**		mg/Kg	4.2	0.85	273241	09/01/21	09/02/21	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	273279	09/02/21	09/02/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273221	09/01/21	09/02/21	MES
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	1	273221	09/01/21	09/02/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273235	09/01/21	09/01/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	111%		%REC	19-121	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

Sample ID: SP-CONC-F	Lab ID: 449958-005	Collected: 09/01/21 09:07
	Matrix: Soil	

449958-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.7	0.9	273241	09/01/21	09/02/21	KLN
Arsenic	**5.4**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Barium	**93**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Beryllium	**0.45**		mg/Kg	0.45	0.9	273241	09/01/21	09/02/21	KLN
Cadmium	ND		mg/Kg	0.45	0.9	273241	09/01/21	09/02/21	KLN
Chromium	**25**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Cobalt	**4.5**		mg/Kg	0.45	0.9	273241	09/01/21	09/02/21	KLN
Copper	**14**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Lead	**16**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Molybdenum	ND		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Nickel	**7.8**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Selenium	ND		mg/Kg	2.7	0.9	273241	09/01/21	09/02/21	KLN
Silver	ND		mg/Kg	0.45	0.9	273241	09/01/21	09/02/21	KLN
Thallium	ND		mg/Kg	2.7	0.9	273241	09/01/21	09/02/21	KLN
Vanadium	**30**		mg/Kg	0.90	0.9	273241	09/01/21	09/02/21	KLN
Zinc	**35**		mg/Kg	4.5	0.9	273241	09/01/21	09/02/21	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	273279	09/02/21	09/02/21	TNN
Method: EPA 8015M Prep Method: EPA 3580									
GRO C8-C10	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
DRO C10-C28	ND		mg/Kg	10	1	273221	09/01/21	09/02/21	MES
ORO C28-C44	ND		mg/Kg	20	1	273221	09/01/21	09/02/21	MES
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	273221	09/01/21	09/02/21	MES
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	273235	09/01/21	09/01/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	273235	09/01/21	09/01/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	105%		%REC	19-121	1	273235	09/01/21	09/01/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 449958

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC941651**	**Batch: 273221**
Matrix: Soil	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941651 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	09/01/21	09/01/21
DRO C10-C28	ND		mg/Kg	10	09/01/21	09/01/21
ORO C28-C44	ND		mg/Kg	20	09/01/21	09/01/21
Surrogates				**Limits**		
n-Triacontane	95%		%REC	70-130	09/01/21	09/01/21

Type: Lab Control Sample	**Lab ID: QC941652**	**Batch: 273221**
Matrix: Soil	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941652 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	202.9	250.0	mg/Kg	81%		76-122
Surrogates						
n-Triacontane	10.37	10.00	mg/Kg	104%		70-130

Type: Matrix Spike	**Lab ID: QC941653**	**Batch: 273221**
Matrix (Source ID): Soil (449852-001)	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	233.0	4.721	250.0	mg/Kg	91%		62-126	1
Surrogates								
n-Triacontane	10.33		10.00	mg/Kg	103%		70-130	1

Type: Matrix Spike Duplicate	**Lab ID: QC941654**	**Batch: 273221**
Matrix (Source ID): Soil (449852-001)	**Method: EPA 8015M**	**Prep Method: EPA 3580**

QC941654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	223.2	4.721	250.0	mg/Kg	87%		62-126	4	35	1
Surrogates										
n-Triacontane	10.06		10.00	mg/Kg	101%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC941700**	**Batch: 273235**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941700 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	09/01/21	09/01/21
Aroclor-1221	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1232	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1242	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1248	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1254	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1260	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1262	ND		ug/Kg	50	09/01/21	09/01/21
Aroclor-1268	ND		ug/Kg	50	09/01/21	09/01/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	88%		%REC	19-121	09/01/21	09/01/21

Type: Lab Control Sample	**Lab ID: QC941701**	**Batch: 273235**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941701 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	414.2	500.0	ug/Kg	83%		14-150
Aroclor-1260	457.6	500.0	ug/Kg	92%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	50.23	50.00	ug/Kg	100%		19-121

Type: Matrix Spike	**Lab ID: QC941702**	**Batch: 273235**
Matrix (Source ID): Soil (449958-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC941702 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	380.9	ND	500.0	ug/Kg	76%		42-127	1
Aroclor-1260	443.8	ND	500.0	ug/Kg	89%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	50.48		50.00	ug/Kg	101%		19-121	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC941703**	**Batch:**	**273235**
Matrix (Source ID):	**Soil (449958-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC941703 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	360.4	ND	500.0	ug/Kg	72%		42-127	6	30	1
Aroclor-1260	384.5	ND	500.0	ug/Kg	77%		38-130	14	30	1
Surrogates										
Decachlorobiphenyl (PCB)	40.94		50.00	ug/Kg	82%		19-121			1

Type:	**Blank**	**Lab ID:**	**QC941720**	**Batch:**	**273241**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC941720 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	09/01/21	09/02/21
Arsenic	ND		mg/Kg	1.0	09/01/21	09/02/21
Barium	ND		mg/Kg	1.0	09/01/21	09/02/21
Beryllium	ND		mg/Kg	0.50	09/01/21	09/02/21
Cadmium	ND		mg/Kg	0.50	09/01/21	09/02/21
Chromium	ND		mg/Kg	1.0	09/01/21	09/02/21
Cobalt	ND		mg/Kg	0.50	09/01/21	09/02/21
Copper	ND		mg/Kg	1.0	09/01/21	09/02/21
Lead	ND		mg/Kg	1.0	09/01/21	09/02/21
Molybdenum	ND		mg/Kg	1.0	09/01/21	09/02/21
Nickel	ND		mg/Kg	1.0	09/01/21	09/02/21
Selenium	ND		mg/Kg	3.0	09/01/21	09/02/21
Silver	ND		mg/Kg	0.50	09/01/21	09/02/21
Thallium	ND		mg/Kg	3.0	09/01/21	09/02/21
Vanadium	ND		mg/Kg	1.0	09/01/21	09/02/21
Zinc	ND		mg/Kg	5.0	09/01/21	09/02/21

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC941721	Batch: 273241
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC941721 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	100.7	100.0	mg/Kg	101%		80-120
Arsenic	95.73	100.0	mg/Kg	96%		80-120
Barium	99.24	100.0	mg/Kg	99%		80-120
Beryllium	98.09	100.0	mg/Kg	98%		80-120
Cadmium	94.36	100.0	mg/Kg	94%		80-120
Chromium	93.99	100.0	mg/Kg	94%		80-120
Cobalt	98.57	100.0	mg/Kg	99%		80-120
Copper	91.48	100.0	mg/Kg	91%		80-120
Lead	95.00	100.0	mg/Kg	95%		80-120
Molybdenum	99.66	100.0	mg/Kg	100%		80-120
Nickel	98.60	100.0	mg/Kg	99%		80-120
Selenium	83.61	100.0	mg/Kg	84%		80-120
Silver	45.75	50.00	mg/Kg	91%		80-120
Thallium	102.4	100.0	mg/Kg	102%		80-120
Vanadium	95.67	100.0	mg/Kg	96%		80-120
Zinc	98.08	100.0	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC941722	Batch: 273241
Matrix (Source ID): Soil (449958-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC941722 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	57.69	ND	101.0	mg/Kg	57%	*	75-125	1
Arsenic	105.8	5.054	101.0	mg/Kg	100%		75-125	1
Barium	161.5	78.04	101.0	mg/Kg	83%		75-125	1
Beryllium	97.43	0.3338	101.0	mg/Kg	96%		75-125	1
Cadmium	96.77	ND	101.0	mg/Kg	96%		75-125	1
Chromium	107.2	18.25	101.0	mg/Kg	88%		75-125	1
Cobalt	96.42	4.383	101.0	mg/Kg	91%		75-125	1
Copper	107.2	17.34	101.0	mg/Kg	89%		75-125	1
Lead	101.2	16.63	101.0	mg/Kg	84%		75-125	1
Molybdenum	98.36	ND	101.0	mg/Kg	97%		75-125	1
Nickel	98.59	7.192	101.0	mg/Kg	90%		75-125	1
Selenium	87.01	ND	101.0	mg/Kg	86%		75-125	1
Silver	46.85	ND	50.51	mg/Kg	93%		75-125	1
Thallium	94.61	ND	101.0	mg/Kg	94%		75-125	1
Vanadium	122.8	28.04	101.0	mg/Kg	94%		75-125	1
Zinc	126.1	34.61	101.0	mg/Kg	91%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC941723	Batch:	273241
Matrix (Source ID):	Soil (449958-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC941723 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	62.81	ND	102.0	mg/Kg	62%	*	75-125	7	41	1
Arsenic	109.7	5.054	102.0	mg/Kg	103%		75-125	3	35	1
Barium	171.4	78.04	102.0	mg/Kg	91%		75-125	5	20	1
Beryllium	102.2	0.3338	102.0	mg/Kg	100%		75-125	4	20	1
Cadmium	101.4	ND	102.0	mg/Kg	99%		75-125	4	20	1
Chromium	112.5	18.25	102.0	mg/Kg	92%		75-125	4	20	1
Cobalt	100.9	4.383	102.0	mg/Kg	95%		75-125	4	20	1
Copper	111.8	17.34	102.0	mg/Kg	93%		75-125	3	20	1
Lead	107.4	16.63	102.0	mg/Kg	89%		75-125	5	20	1
Molybdenum	103.5	ND	102.0	mg/Kg	101%		75-125	4	20	1
Nickel	102.5	7.192	102.0	mg/Kg	93%		75-125	3	20	1
Selenium	91.36	ND	102.0	mg/Kg	90%		75-125	4	20	1
Silver	49.07	ND	51.02	mg/Kg	96%		75-125	4	20	1
Thallium	99.74	ND	102.0	mg/Kg	98%		75-125	4	20	1
Vanadium	128.1	28.04	102.0	mg/Kg	98%		75-125	3	20	1
Zinc	129.4	34.61	102.0	mg/Kg	93%		75-125	2	20	1

Type:	Blank	Lab ID:	QC941847	Batch:	273279
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC941847 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	09/02/21	09/02/21

Type:	Lab Control Sample	Lab ID:	QC941848	Batch:	273279
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC941848 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8109	0.8333	mg/Kg	97%		80-120

Type:	Matrix Spike	Lab ID:	QC941849	Batch:	273279
Matrix (Source ID):	Soil (449850-016)	Method:	EPA 7471A	Prep Method:	METHOD

QC941849 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9903	0.04883	1.000	mg/Kg	94%		75-125	1.2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC941850**	**Batch:**	**273279**
Matrix (Source ID):	**Soil (449850-016)**	**Method:**	**EPA 7471A**	**Prep Method:**	**METHOD**

QC941850 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9844	0.04883	1.000	mg/Kg	94%		75-125	1	20	1.2

* Value is outside QC limits

ND Not Detected

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-66907-1
Client Project/Site: Clow/04.20150013.19 task 3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Authorized for release by:
8/13/2021 8:13:51 PM
Don Burley, Senior Project Manager
(714)895-5494
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Designee for

Vikas Patel, Project Manager I
(714)895-5494
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Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Job ID: 570-66907-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-66907-1

Comments
No additional comments.

Receipt
The samples were received on 8/11/2021 2:42 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-170735.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C: The following analyte recovered outside control limits for the LCS/LCSD associated with preparation batch 570-170364 and analytical batch 570-170882: bis (2-Chloroisopropyl) ether. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Methods 8082, 8082A: The continuing calibration verification (CCV) associated with batch 570-170971 recovered above the upper control limit for Tetrachloro-m-xylene (Surr). The samples associated with this CCV were non-detects for the target analyte; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-170740 and analytical batch 570-170851 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Lead, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-170740 and analytical batch 570-170851 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: B3-S6 — Lab Sample ID: 570-66907-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		4.85	0.939	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S7 — Lab Sample ID: 570-66907-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	942		4.98	0.962	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S5 — Lab Sample ID: 570-66907-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	551		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-F3 — Lab Sample ID: 570-66907-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.43		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-F4 — Lab Sample ID: 570-66907-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1100		4.93	0.953	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S4 — Lab Sample ID: 570-66907-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18.8		4.83	0.934	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S1 — Lab Sample ID: 570-66907-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.3		4.98	0.962	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S2 — Lab Sample ID: 570-66907-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.66		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S3 — Lab Sample ID: 570-66907-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	231		4.98	0.962	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S4 — Lab Sample ID: 570-66907-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	547		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S5 — Lab Sample ID: 570-66907-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	522		5.13	0.992	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6 — Lab Sample ID: 570-66907-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1030		5.03	0.972	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: B17-S7 — Lab Sample ID: 570-66907-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	251		5.21	1.01	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S8 — Lab Sample ID: 570-66907-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	459		5.08	0.982	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-F1 — Lab Sample ID: 570-66907-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	662		5.18	1.00	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-F2 — Lab Sample ID: 570-66907-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1160		5.26	1.02	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-F3 — Lab Sample ID: 570-66907-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.6		4.76	0.921	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-F4 — Lab Sample ID: 570-66907-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.4		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: UNKBS — Lab Sample ID: 570-66907-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21	J	22	11	ug/Kg	1		8260B	Total/NA
Benzene	0.42	J	1.1	0.28	ug/Kg	1		8260B	Total/NA
Ethanol	90	J	270	71	ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	20		1.1	0.76	ug/Kg	1		8260B	Total/NA
Barium	28.7		0.498	0.221	mg/Kg	1		6010B	Total/NA
Beryllium	0.549		0.249	0.170	mg/Kg	1		6010B	Total/NA
Cadmium	0.636		0.498	0.201	mg/Kg	1		6010B	Total/NA
Chromium	4.75		0.995	0.175	mg/Kg	1		6010B	Total/NA
Cobalt	1.49		0.995	0.226	mg/Kg	1		6010B	Total/NA
Copper	12.9		0.995	0.505	mg/Kg	1		6010B	Total/NA
Lead	15.2		4.98	0.962	mg/Kg	1		6010B	Total/NA
Molybdenum	1.01		0.498	0.448	mg/Kg	1		6010B	Total/NA
Nickel	2.85		0.498	0.427	mg/Kg	1		6010B	Total/NA
Vanadium	6.70		0.995	0.171	mg/Kg	1		6010B	Total/NA
Zinc	30.8		9.95	5.09	mg/Kg	1		6010B	Total/NA
Mercury	0.0528	J	0.0794	0.0129	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.31	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1,2,2-Tetrachloroethane	ND		2.2	0.59	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.50	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1,2-Trichloroethane	ND		1.1	0.50	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1-Dichloroethane	ND		1.1	0.30	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1-Dichloroethene	ND		1.1	0.29	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,1-Dichloropropene	ND		2.2	0.42	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2,3-Trichlorobenzene	ND		2.2	1.1	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2,3-Trichloropropane	ND		2.2	0.45	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2,4-Trichlorobenzene	ND		2.2	0.44	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2,4-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2-Dibromo-3-Chloropropane	ND		11	7.3	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2-Dibromoethane	ND		1.1	0.22	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2-Dichloroethane	ND		1.1	0.30	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,2-Dichloropropane	ND		1.1	0.30	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,3,5-Trimethylbenzene	ND		2.2	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,3-Dichlorobenzene	ND		1.1	0.27	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,3-Dichloropropane	ND		1.1	0.32	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
1,4-Dichlorobenzene	ND		1.1	0.33	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
2,2-Dichloropropane	ND		5.4	0.29	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
2-Butanone	ND		22	4.9	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
2-Chlorotoluene	ND		1.1	0.27	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
2-Hexanone	ND		22	3.3	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
4-Chlorotoluene	ND		1.1	0.26	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
4-Methyl-2-pentanone	ND		22	3.1	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Acetone	**21**	**J**	22	11	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Benzene	**0.42**	**J**	1.1	0.28	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Bromobenzene	ND		1.1	0.23	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Bromochloromethane	ND		2.2	0.48	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Bromodichloromethane	ND		1.1	0.17	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Bromoform	ND		5.4	1.4	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Bromomethane	ND		22	7.1	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
cis-1,2-Dichloroethene	ND		1.1	0.36	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
cis-1,3-Dichloropropene	ND		1.1	0.38	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Carbon disulfide	ND		11	0.43	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Carbon tetrachloride	ND		1.1	0.32	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Chlorobenzene	ND		1.1	0.29	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Chloroethane	ND		2.2	1.6	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Chloroform	ND		1.1	0.64	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Chloromethane	ND		22	1.7	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Dibromochloromethane	ND		2.2	0.29	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Dibromomethane	ND		1.1	0.33	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Dichlorodifluoromethane	ND		2.2	0.49	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Di-isopropyl ether (DIPE)	ND		1.1	0.54	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Ethanol	**90**	**J**	270	71	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Ethylbenzene	ND		1.1	0.22	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.26	ug/Kg		08/11/21 23:11	08/12/21 12:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.1	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Methylene Chloride	ND		11	3.4	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.2	0.20	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Naphthalene	ND		11	5.6	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
n-Butylbenzene	ND		1.1	0.23	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
N-Propylbenzene	ND		2.2	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
o-Xylene	ND		1.1	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
m,p-Xylene	ND		2.2	0.51	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
p-Isopropyltoluene	**20**		1.1	0.76	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
sec-Butylbenzene	ND		1.1	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Styrene	ND		1.1	0.76	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
trans-1,2-Dichloroethene	ND		1.1	0.33	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
trans-1,3-Dichloropropene	ND		2.2	0.30	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.21	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
tert-Butyl alcohol (TBA)	ND		22	7.6	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
tert-Butylbenzene	ND		1.1	0.28	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Tetrachloroethene	ND		1.1	0.24	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Toluene	ND		1.1	0.65	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Trichloroethene	ND		2.2	0.42	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Trichlorofluoromethane	ND		11	0.29	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Vinyl acetate	ND		11	4.2	ug/Kg		08/11/21 23:11	08/12/21 12:22	1
Vinyl chloride	ND		1.1	0.41	ug/Kg		08/11/21 23:11	08/12/21 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*80 - 142*	*08/11/21 23:11*	*08/12/21 12:22*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*08/11/21 23:11*	*08/12/21 12:22*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*08/11/21 23:11*	*08/12/21 12:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/11/21 23:11*	*08/12/21 12:22*	*1*

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.49	0.039	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
1,2-Dichlorobenzene	ND		0.49	0.073	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
1,3-Dichlorobenzene	ND		0.49	0.068	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
1,4-Dichlorobenzene	ND		0.49	0.070	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
1-Methylnaphthalene	ND		0.49	0.036	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4,5-Trichlorophenol	ND		0.49	0.070	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4,6-Trichlorophenol	ND		0.49	0.078	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4-Dichlorophenol	ND		0.49	0.041	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4-Dimethylphenol	ND		0.49	0.045	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4-Dinitrophenol	ND		2.0	1.6	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,4-Dinitrotoluene	ND		0.49	0.045	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,6-Dichlorophenol	ND		0.49	0.064	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2,6-Dinitrotoluene	ND		0.49	0.058	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Chloronaphthalene	ND		0.49	0.056	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Chlorophenol	ND		0.49	0.098	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Methylnaphthalene	ND		0.49	0.056	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Methylphenol	ND		0.49	0.093	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Nitroaniline	ND		0.49	0.064	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
2-Nitrophenol	ND		0.49	0.046	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
3,3'-Dichlorobenzidine	ND		2.5	0.81	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
3/4-Methylphenol	ND		0.99	0.62	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
3-Nitroaniline	ND		0.49	0.047	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.96	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Bromophenyl phenyl ether	ND		0.49	0.058	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Chloro-3-methylphenol	ND		0.49	0.083	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Chloroaniline	ND		0.49	0.072	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Chlorophenyl phenyl ether	ND		0.49	0.070	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Nitroaniline	ND		0.49	0.044	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
4-Nitrophenol	ND		0.49	0.061	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Acenaphthene	ND		0.49	0.053	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Acenaphthylene	ND		0.49	0.038	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Aniline	ND		0.49	0.040	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Anthracene	ND		0.49	0.050	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Azobenzene	ND		0.49	0.11	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzidine	ND		4.9	1.4	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzo[a]anthracene	ND		0.49	0.045	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzo[a]pyrene	ND		0.49	0.076	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzo[b]fluoranthene	ND		0.49	0.079	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzo[g,h,i]perylene	ND		0.49	0.082	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzo[k]fluoranthene	ND		0.49	0.046	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzoic acid	ND		2.5	1.6	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Benzyl alcohol	ND		0.49	0.084	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Bis(2-chloroethoxy)methane	ND		0.49	0.061	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Bis(2-chloroethyl)ether	ND		2.5	0.10	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
bis (2-Chloroisopropyl) ether	ND	*+	0.49	0.059	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Bis(2-ethylhexyl) phthalate	ND		0.49	0.25	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Butyl benzyl phthalate	ND		0.49	0.22	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Chrysene	ND		0.49	0.067	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Dibenz(a,h)anthracene	ND		0.49	0.10	mg/Kg		08/11/21 16:33	08/13/21 00:44	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.49	0.093	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Diethyl phthalate	ND		0.49	0.060	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Dimethyl phthalate	ND		0.49	0.062	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Di-n-butyl phthalate	ND		0.49	0.072	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Di-n-octyl phthalate	ND		0.49	0.36	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Fluoranthene	ND		0.49	0.058	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Fluorene	ND		0.49	0.066	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Hexachloro-1,3-butadiene	ND		0.49	0.049	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Hexachlorobenzene	ND		0.49	0.091	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Hexachlorocyclopentadiene	ND		1.5	0.37	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Hexachloroethane	ND		0.49	0.11	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Indeno[1,2,3-cd]pyrene	ND		0.49	0.089	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Isophorone	ND		0.49	0.068	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Naphthalene	ND		0.49	0.057	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Nitrobenzene	ND		2.0	0.043	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
N-Nitrosodimethylamine	ND		0.49	0.076	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
N-Nitrosodi-n-propylamine	ND		0.49	0.066	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
N-Nitrosodiphenylamine	ND		0.49	0.038	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Pentachlorophenol	ND		2.5	0.99	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Phenanthrene	ND		0.49	0.060	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Phenol	ND		0.49	0.094	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Pyrene	ND		0.49	0.074	mg/Kg		08/11/21 16:33	08/13/21 00:44	1
Pyridine	ND		0.49	0.081	mg/Kg		08/11/21 16:33	08/13/21 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 134*	*08/11/21 16:33*	*08/13/21 00:44*	*1*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*	*08/11/21 16:33*	*08/13/21 00:44*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*08/11/21 16:33*	*08/13/21 00:44*	*1*
Nitrobenzene-d5 (Surr)	*88*		*10 - 129*	*08/11/21 16:33*	*08/13/21 00:44*	*1*
p-Terphenyl-d14 (Surr)	*78*		*31 - 139*	*08/11/21 16:33*	*08/13/21 00:44*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*08/11/21 16:33*	*08/13/21 00:44*	*1*

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C7 as C7	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C8 as C8	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C9-C10	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C11-C12	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C13-C14	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C15-C16	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C17-C18	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C19-C20	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C21-C22	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C23-C24	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C25-C28	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C29-C32	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C33-C36	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C37-C40	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C41-C44	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
C6-C44	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1
Diesel Range Organics [C10-C28]	ND		5.1	3.9	mg/Kg		08/12/21 12:00	08/13/21 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 138*	*08/12/21 12:00*	*08/13/21 00:40*	*1*

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.98	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
4,4'-DDE	ND		5.0	0.54	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Aldrin	ND		5.0	0.72	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Chlordane	ND		25	2.4	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endrin	ND		5.0	0.33	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Endrin ketone	ND		5.0	0.47	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Heptachlor	ND		5.0	0.88	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Heptachlor epoxide	ND		5.0	0.67	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/11/21 16:36	08/13/21 07:49	1
Toxaphene	ND		25	20	ug/Kg		08/11/21 16:36	08/13/21 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*78*		*38 - 148*	*08/11/21 16:36*	*08/13/21 07:49*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*37 - 151*	*08/11/21 16:36*	*08/13/21 07:49*	*1*

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1221	ND		50	39	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1232	ND		50	39	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1242	ND		50	39	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1248	ND		50	39	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1254	ND		50	25	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1260	ND		50	25	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1262	ND		50	25	ug/Kg		08/11/21 16:36	08/12/21 23:49	1
Aroclor-1268	ND		50	25	ug/Kg		08/11/21 16:36	08/12/21 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*25 - 126*	*08/11/21 16:36*	*08/12/21 23:49*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*20 - 155*	*08/11/21 16:36*	*08/12/21 23:49*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: B3-S6
Date Collected: 08/11/21 09:39
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		4.85	0.939	mg/Kg		08/12/21 08:57	08/12/21 17:25	1

Client Sample ID: B3-S7
Date Collected: 08/11/21 09:43
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	942		4.98	0.962	mg/Kg		08/12/21 08:57	08/12/21 17:34	1

Client Sample ID: B3-S5
Date Collected: 08/11/21 09:36
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	551		5.00	0.967	mg/Kg		08/12/21 08:57	08/12/21 17:36	1

Client Sample ID: B3-F3
Date Collected: 08/11/21 09:55
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.43		4.88	0.943	mg/Kg		08/12/21 08:57	08/12/21 17:47	1

Client Sample ID: B3-F4
Date Collected: 08/11/21 09:52
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1100		4.93	0.953	mg/Kg		08/12/21 08:57	08/12/21 17:49	1

Client Sample ID: B3-S4
Date Collected: 08/11/21 09:50
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.8		4.83	0.934	mg/Kg		08/12/21 08:57	08/12/21 17:51	1

Client Sample ID: B17-S1
Date Collected: 08/11/21 11:37
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.3		4.98	0.962	mg/Kg		08/12/21 08:57	08/12/21 17:53	1

Client Sample ID: B17-S2
Date Collected: 08/11/21 11:44
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.66		5.00	0.967	mg/Kg		08/12/21 08:57	08/12/21 17:55	1

Client Sample ID: B17-S3
Date Collected: 08/11/21 11:47
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	231		4.98	0.962	mg/Kg		08/12/21 08:57	08/12/21 17:57	1

Method: 6010B - Metals (ICP)

Client Sample ID: B17-S4
Date Collected: 08/11/21 11:46
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	547		4.88	0.943	mg/Kg		08/12/21 08:57	08/12/21 17:59	1

Client Sample ID: B17-S5
Date Collected: 08/11/21 11:50
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	522		5.13	0.992	mg/Kg		08/12/21 08:57	08/12/21 18:01	1

Client Sample ID: B17-S6
Date Collected: 08/11/21 11:30
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1030		5.03	0.972	mg/Kg		08/12/21 08:57	08/12/21 18:03	1

Client Sample ID: B17-S7
Date Collected: 08/11/21 11:32
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	251		5.21	1.01	mg/Kg		08/12/21 08:57	08/12/21 18:05	1

Client Sample ID: B17-S8
Date Collected: 08/11/21 11:35
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	459		5.08	0.982	mg/Kg		08/12/21 08:57	08/12/21 18:25	1

Client Sample ID: B17-F1
Date Collected: 08/11/21 12:05
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	662		5.18	1.00	mg/Kg		08/12/21 08:57	08/12/21 18:27	1

Client Sample ID: B17-F2
Date Collected: 08/11/21 12:10
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1160		5.26	1.02	mg/Kg		08/12/21 08:57	08/12/21 18:29	1

Client Sample ID: B17-F3
Date Collected: 08/11/21 11:53
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.6		4.76	0.921	mg/Kg		08/12/21 08:57	08/12/21 18:31	1

Client Sample ID: B17-F4
Date Collected: 08/11/21 11:56
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.4		4.88	0.943	mg/Kg		08/12/21 08:57	08/12/21 18:33	1

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 6010B - Metals (ICP)

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.99	1.35	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Arsenic	ND		2.49	2.25	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Barium	**28.7**		0.498	0.221	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Beryllium	**0.549**		0.249	0.170	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Cadmium	**0.636**		0.498	0.201	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Chromium	**4.75**		0.995	0.175	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Cobalt	**1.49**		0.995	0.226	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Copper	**12.9**		0.995	0.505	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Lead	**15.2**		4.98	0.962	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Molybdenum	**1.01**		0.498	0.448	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Nickel	**2.85**		0.498	0.427	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Selenium	ND		4.98	1.84	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Silver	ND		0.995	0.224	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Thallium	ND		4.98	1.47	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Vanadium	**6.70**		0.995	0.171	mg/Kg		08/12/21 08:57	08/12/21 17:32	1
Zinc	**30.8**		9.95	5.09	mg/Kg		08/12/21 08:57	08/12/21 17:32	1

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 7471A - Mercury (CVAA)

Client Sample ID: UNKBS
Lab Sample ID: 570-66907-19
Date Collected: 08/11/21 13:15
Matrix: Solid
Date Received: 08/11/21 14:42

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0528	J	0.0794	0.0129	mg/Kg		08/12/21 08:47	08/13/21 18:09	1

Surrogate Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-142)	(80-120)	(80-123)	(80-120)
570-66907-19	UNKBS	115	104	102	102
LCS 570-170735/3	Lab Control Sample	97	101	99	102
LCSD 570-170735/4	Lab Control Sample Dup	98	100	100	99
MB 570-170735/6	Method Blank	102	103	99	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-66907-19	UNKBS	62	87	88	88	78	85
LCS 570-170364/2-A	Lab Control Sample	66	86	95	83	80	94
LCSD 570-170364/3-A	Lab Control Sample Dup	70	89	101	94	84	99
MB 570-170364/1-A	Method Blank	68	91	104	99	86	99

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-66907-19	UNKBS	114
LCS 570-170827/2-A	Lab Control Sample	109
LCSD 570-170827/3-A	Lab Control Sample Dup	105
MB 570-170827/1-A	Method Blank	112

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-66907-19	UNKBS	78	82
570-66907-19 MS	UNKBS	78	81

Surrogate Summary

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(38-148)	(37-151)								
570-66907-19 MSD	UNKBS	78	84								
LCS 570-170545/15-A	Lab Control Sample	94	95								
LCSD 570-170545/16-A	Lab Control Sample Dup	96	98								
MB 570-170545/1-A	Method Blank	97	96								

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(25-126)	(20-155)								
570-66907-19	UNKBS	82	82								
LCS 570-170545/2-A	Lab Control Sample	98	85								
LCSD 570-170545/3-A	Lab Control Sample Dup	102	96								
MB 570-170545/1-A	Method Blank	94	76								

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-170735/6
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			08/12/21 10:09	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/12/21 10:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			08/12/21 10:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg			08/12/21 10:09	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			08/12/21 10:09	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			08/12/21 10:09	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			08/12/21 10:09	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			08/12/21 10:09	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			08/12/21 10:09	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			08/12/21 10:09	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			08/12/21 10:09	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/12/21 10:09	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			08/12/21 10:09	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			08/12/21 10:09	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/12/21 10:09	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			08/12/21 10:09	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			08/12/21 10:09	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/12/21 10:09	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/12/21 10:09	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			08/12/21 10:09	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			08/12/21 10:09	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			08/12/21 10:09	1
2-Butanone	ND		20	4.5	ug/Kg			08/12/21 10:09	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			08/12/21 10:09	1
2-Hexanone	ND		20	3.1	ug/Kg			08/12/21 10:09	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			08/12/21 10:09	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg			08/12/21 10:09	1
Acetone	ND		20	9.8	ug/Kg			08/12/21 10:09	1
Benzene	ND		1.0	0.26	ug/Kg			08/12/21 10:09	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/12/21 10:09	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			08/12/21 10:09	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg			08/12/21 10:09	1
Bromoform	ND		5.0	1.3	ug/Kg			08/12/21 10:09	1
Bromomethane	ND		20	6.6	ug/Kg			08/12/21 10:09	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			08/12/21 10:09	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			08/12/21 10:09	1
Carbon disulfide	ND		10	0.40	ug/Kg			08/12/21 10:09	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			08/12/21 10:09	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			08/12/21 10:09	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/12/21 10:09	1
Chloroform	ND		1.0	0.59	ug/Kg			08/12/21 10:09	1
Chloromethane	ND		20	1.5	ug/Kg			08/12/21 10:09	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			08/12/21 10:09	1
Dibromomethane	ND		1.0	0.31	ug/Kg			08/12/21 10:09	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			08/12/21 10:09	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			08/12/21 10:09	1
Ethanol	ND		250	66	ug/Kg			08/12/21 10:09	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			08/12/21 10:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-170735/6
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			08/12/21 10:09	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg			08/12/21 10:09	1
Methylene Chloride	ND		10	3.1	ug/Kg			08/12/21 10:09	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			08/12/21 10:09	1
Naphthalene	ND		10	5.2	ug/Kg			08/12/21 10:09	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			08/12/21 10:09	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg			08/12/21 10:09	1
o-Xylene	ND		1.0	0.60	ug/Kg			08/12/21 10:09	1
m,p-Xylene	ND		2.0	0.47	ug/Kg			08/12/21 10:09	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg			08/12/21 10:09	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg			08/12/21 10:09	1
Styrene	ND		1.0	0.70	ug/Kg			08/12/21 10:09	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			08/12/21 10:09	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			08/12/21 10:09	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			08/12/21 10:09	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			08/12/21 10:09	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			08/12/21 10:09	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			08/12/21 10:09	1
Toluene	ND		1.0	0.60	ug/Kg			08/12/21 10:09	1
Trichloroethene	ND		2.0	0.39	ug/Kg			08/12/21 10:09	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			08/12/21 10:09	1
Vinyl acetate	ND		10	3.9	ug/Kg			08/12/21 10:09	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			08/12/21 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 142*		*08/12/21 10:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*08/12/21 10:09*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*		*08/12/21 10:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/12/21 10:09*	*1*

Lab Sample ID: LCS 570-170735/3
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.72		ug/Kg		99	80 - 122
1,1,1-Trichloroethane	50.0	46.33		ug/Kg		93	73 - 122
1,1,2,2-Tetrachloroethane	50.0	51.68		ug/Kg		103	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.41		ug/Kg		89	66 - 120
1,1,2-Trichloroethane	50.0	49.81		ug/Kg		100	80 - 120
1,1-Dichloroethane	50.0	46.26		ug/Kg		93	71 - 120
1,1-Dichloroethene	50.0	41.79		ug/Kg		84	67 - 122
1,1-Dichloropropene	50.0	46.89		ug/Kg		94	74 - 125
1,2,3-Trichlorobenzene	50.0	56.25		ug/Kg		112	80 - 126
1,2,3-Trichloropropane	50.0	50.90		ug/Kg		102	74 - 122
1,2,4-Trichlorobenzene	50.0	55.86		ug/Kg		112	80 - 135
1,2,4-Trimethylbenzene	50.0	48.04		ug/Kg		96	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	47.98		ug/Kg		96	70 - 120

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-170735/3
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	50.0	51.38		ug/Kg		103	80 - 123
1,2-Dichlorobenzene	50.0	49.87		ug/Kg		100	80 - 120
1,2-Dichloroethane	50.0	48.37		ug/Kg		97	80 - 125
1,2-Dichloropropane	50.0	47.00		ug/Kg		94	80 - 121
1,3,5-Trimethylbenzene	50.0	47.50		ug/Kg		95	80 - 120
1,3-Dichlorobenzene	50.0	49.28		ug/Kg		99	80 - 120
1,3-Dichloropropane	50.0	50.44		ug/Kg		101	80 - 120
1,4-Dichlorobenzene	50.0	50.29		ug/Kg		101	80 - 120
2,2-Dichloropropane	50.0	48.56		ug/Kg		97	67 - 131
2-Butanone	50.0	49.28		ug/Kg		99	62 - 131
2-Chlorotoluene	50.0	45.91		ug/Kg		92	80 - 120
2-Hexanone	50.0	51.55		ug/Kg		103	66 - 130
4-Chlorotoluene	50.0	48.71		ug/Kg		97	80 - 120
4-Methyl-2-pentanone	50.0	47.47		ug/Kg		95	70 - 125
Acetone	50.0	47.57		ug/Kg		95	56 - 130
Benzene	50.0	45.42		ug/Kg		91	79 - 120
Bromobenzene	50.0	50.97		ug/Kg		102	80 - 122
Bromochloromethane	50.0	47.93		ug/Kg		96	80 - 120
Bromodichloromethane	50.0	49.15		ug/Kg		98	80 - 126
Bromoform	50.0	50.09		ug/Kg		100	71 - 128
Bromomethane	50.0	45.37		ug/Kg		91	45 - 136
cis-1,2-Dichloroethene	50.0	47.52		ug/Kg		95	80 - 120
cis-1,3-Dichloropropene	50.0	50.72		ug/Kg		101	80 - 120
Carbon disulfide	50.0	40.76		ug/Kg		82	58 - 128
Carbon tetrachloride	50.0	47.77		ug/Kg		96	69 - 132
Chlorobenzene	50.0	48.88		ug/Kg		98	80 - 120
Chloroethane	50.0	43.42		ug/Kg		87	63 - 132
Chloroform	50.0	47.04		ug/Kg		94	78 - 121
Chloromethane	50.0	40.85		ug/Kg		82	46 - 130
Dibromochloromethane	50.0	54.33		ug/Kg		109	77 - 125
Dibromomethane	50.0	51.05		ug/Kg		102	80 - 123
Dichlorodifluoromethane	50.0	38.57		ug/Kg		77	59 - 127
Di-isopropyl ether (DIPE)	50.0	46.01		ug/Kg		92	62 - 128
Ethanol	500	463.8		ug/Kg		93	48 - 151
Ethylbenzene	50.0	47.48		ug/Kg		95	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	46.99		ug/Kg		94	66 - 123
Isopropylbenzene	50.0	47.48		ug/Kg		95	80 - 120
Methylene Chloride	50.0	44.79		ug/Kg		90	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	51.32		ug/Kg		103	68 - 120
Naphthalene	50.0	53.38		ug/Kg		107	78 - 121
n-Butylbenzene	50.0	49.02		ug/Kg		98	79 - 125
N-Propylbenzene	50.0	46.59		ug/Kg		93	80 - 120
o-Xylene	50.0	48.30		ug/Kg		97	79 - 120
m,p-Xylene	100	91.80		ug/Kg		92	79 - 120
p-Isopropyltoluene	50.0	48.98		ug/Kg		98	80 - 121
sec-Butylbenzene	50.0	48.03		ug/Kg		96	80 - 120
Styrene	50.0	48.06		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	50.0	44.56		ug/Kg		89	72 - 120
trans-1,3-Dichloropropene	50.0	51.71		ug/Kg		103	80 - 126

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-170735/3
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tert-amyl-methyl ether (TAME)	50.0	50.47		ug/Kg		101	76 - 123
tert-Butyl alcohol (TBA)	250	252.3		ug/Kg		101	74 - 127
tert-Butylbenzene	50.0	47.27		ug/Kg		95	80 - 120
Tetrachloroethene	50.0	45.23		ug/Kg		90	80 - 123
Toluene	50.0	46.63		ug/Kg		93	80 - 120
Trichloroethene	50.0	47.54		ug/Kg		95	80 - 121
Trichlorofluoromethane	50.0	48.09		ug/Kg		96	72 - 135
Vinyl acetate	50.0	45.37		ug/Kg		91	74 - 143
Vinyl chloride	50.0	44.13		ug/Kg		88	66 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 142*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-170735/4
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.53		ug/Kg		93	80 - 122	7	20
1,1,1-Trichloroethane	50.0	44.27		ug/Kg		89	73 - 122	5	20
1,1,2,2-Tetrachloroethane	50.0	48.96		ug/Kg		98	80 - 120	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.15		ug/Kg		82	66 - 120	8	20
1,1,2-Trichloroethane	50.0	48.37		ug/Kg		97	80 - 120	3	20
1,1-Dichloroethane	50.0	43.96		ug/Kg		88	71 - 120	5	20
1,1-Dichloroethene	50.0	39.04		ug/Kg		78	67 - 122	7	20
1,1-Dichloropropene	50.0	44.47		ug/Kg		89	74 - 125	5	20
1,2,3-Trichlorobenzene	50.0	53.18		ug/Kg		106	80 - 126	6	20
1,2,3-Trichloropropane	50.0	50.67		ug/Kg		101	74 - 122	0	20
1,2,4-Trichlorobenzene	50.0	52.78		ug/Kg		106	80 - 135	6	20
1,2,4-Trimethylbenzene	50.0	45.66		ug/Kg		91	80 - 120	5	20
1,2-Dibromo-3-Chloropropane	50.0	46.43		ug/Kg		93	70 - 120	3	20
1,2-Dibromoethane	50.0	49.43		ug/Kg		99	80 - 123	4	20
1,2-Dichlorobenzene	50.0	46.95		ug/Kg		94	80 - 120	6	20
1,2-Dichloroethane	50.0	46.95		ug/Kg		94	80 - 125	3	20
1,2-Dichloropropane	50.0	44.55		ug/Kg		89	80 - 121	5	20
1,3,5-Trimethylbenzene	50.0	44.59		ug/Kg		89	80 - 120	6	20
1,3-Dichlorobenzene	50.0	45.24		ug/Kg		90	80 - 120	9	20
1,3-Dichloropropane	50.0	49.28		ug/Kg		99	80 - 120	2	20
1,4-Dichlorobenzene	50.0	46.49		ug/Kg		93	80 - 120	8	20
2,2-Dichloropropane	50.0	46.45		ug/Kg		93	67 - 131	4	20
2-Butanone	50.0	47.56		ug/Kg		95	62 - 131	4	20
2-Chlorotoluene	50.0	44.65		ug/Kg		89	80 - 120	3	20
2-Hexanone	50.0	51.38		ug/Kg		103	66 - 130	0	20
4-Chlorotoluene	50.0	45.75		ug/Kg		92	80 - 120	6	20
4-Methyl-2-pentanone	50.0	45.10		ug/Kg		90	70 - 125	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-170735/4
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			50.0	42.82		ug/Kg		86	56 - 130	11	20
Benzene			50.0	43.87		ug/Kg		88	79 - 120	3	20
Bromobenzene			50.0	49.04		ug/Kg		98	80 - 122	4	20
Bromochloromethane			50.0	45.49		ug/Kg		91	80 - 120	5	20
Bromodichloromethane			50.0	45.44		ug/Kg		91	80 - 126	8	20
Bromoform			50.0	47.32		ug/Kg		95	71 - 128	6	20
Bromomethane			50.0	44.36		ug/Kg		89	45 - 136	2	20
cis-1,2-Dichloroethene			50.0	45.79		ug/Kg		92	80 - 120	4	20
cis-1,3-Dichloropropene			50.0	47.77		ug/Kg		96	80 - 120	6	20
Carbon disulfide			50.0	38.11		ug/Kg		76	58 - 128	7	20
Carbon tetrachloride			50.0	44.76		ug/Kg		90	69 - 132	7	20
Chlorobenzene			50.0	45.72		ug/Kg		91	80 - 120	7	20
Chloroethane			50.0	42.65		ug/Kg		85	63 - 132	2	20
Chloroform			50.0	44.59		ug/Kg		89	78 - 121	5	20
Chloromethane			50.0	40.60		ug/Kg		81	46 - 130	1	20
Dibromochloromethane			50.0	51.23		ug/Kg		102	77 - 125	6	20
Dibromomethane			50.0	50.36		ug/Kg		101	80 - 123	1	20
Dichlorodifluoromethane			50.0	38.37		ug/Kg		77	59 - 127	1	20
Di-isopropyl ether (DIPE)			50.0	43.94		ug/Kg		88	62 - 128	5	20
Ethanol			500	459.2		ug/Kg		92	48 - 151	1	29
Ethylbenzene			50.0	45.03		ug/Kg		90	80 - 120	5	20
Ethyl-t-butyl ether (ETBE)			50.0	45.87		ug/Kg		92	66 - 123	2	20
Isopropylbenzene			50.0	44.22		ug/Kg		88	80 - 120	7	20
Methylene Chloride			50.0	42.75		ug/Kg		85	74 - 120	5	20
Methyl-t-Butyl Ether (MTBE)			50.0	46.97		ug/Kg		94	68 - 120	9	20
Naphthalene			50.0	51.61		ug/Kg		103	78 - 121	3	20
n-Butylbenzene			50.0	44.78		ug/Kg		90	79 - 125	9	20
N-Propylbenzene			50.0	44.55		ug/Kg		89	80 - 120	4	20
o-Xylene			50.0	45.52		ug/Kg		91	79 - 120	6	20
m,p-Xylene			100	87.22		ug/Kg		87	79 - 120	5	20
p-Isopropyltoluene			50.0	45.51		ug/Kg		91	80 - 121	7	20
sec-Butylbenzene			50.0	45.38		ug/Kg		91	80 - 120	6	20
Styrene			50.0	45.56		ug/Kg		91	80 - 120	5	20
trans-1,2-Dichloroethene			50.0	39.31		ug/Kg		79	72 - 120	13	20
trans-1,3-Dichloropropene			50.0	51.17		ug/Kg		102	80 - 126	1	20
Tert-amyl-methyl ether (TAME)			50.0	48.38		ug/Kg		97	76 - 123	4	20
tert-Butyl alcohol (TBA)			250	246.8		ug/Kg		99	74 - 127	2	20
tert-Butylbenzene			50.0	47.08		ug/Kg		94	80 - 120	0	20
Tetrachloroethene			50.0	43.93		ug/Kg		88	80 - 123	3	20
Toluene			50.0	43.93		ug/Kg		88	80 - 120	6	20
Trichloroethene			50.0	45.64		ug/Kg		91	80 - 121	4	20
Trichlorofluoromethane			50.0	46.76		ug/Kg		94	72 - 135	3	20
Vinyl acetate			50.0	39.54		ug/Kg		79	74 - 143	14	20
Vinyl chloride			50.0	42.64		ug/Kg		85	66 - 128	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-170735/4
Matrix: Solid
Analysis Batch: 170735

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	100		80 - 123
Toluene-d8 (Surr)	99		80 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-170364/1-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.039	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
1,2-Dichlorobenzene	ND		0.50	0.074	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
1,3-Dichlorobenzene	ND		0.50	0.069	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
1,4-Dichlorobenzene	ND		0.50	0.071	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
1-Methylnaphthalene	ND		0.50	0.036	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4,5-Trichlorophenol	ND		0.50	0.070	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4,6-Trichlorophenol	ND		0.50	0.078	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4-Dichlorophenol	ND		0.50	0.042	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4-Dimethylphenol	ND		0.50	0.045	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4-Dinitrophenol	ND		2.0	1.6	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,4-Dinitrotoluene	ND		0.50	0.045	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,6-Dichlorophenol	ND		0.50	0.065	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2,6-Dinitrotoluene	ND		0.50	0.059	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Chloronaphthalene	ND		0.50	0.057	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Chlorophenol	ND		0.50	0.099	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Methylnaphthalene	ND		0.50	0.057	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Methylphenol	ND		0.50	0.094	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Nitroaniline	ND		0.50	0.065	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
2-Nitrophenol	ND		0.50	0.047	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
3,3'-Dichlorobenzidine	ND		2.5	0.81	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
3/4-Methylphenol	ND		1.0	0.63	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
3-Nitroaniline	ND		0.50	0.047	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.97	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Bromophenyl phenyl ether	ND		0.50	0.059	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Chloro-3-methylphenol	ND		0.50	0.084	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Chloroaniline	ND		0.50	0.072	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Chlorophenyl phenyl ether	ND		0.50	0.070	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Nitroaniline	ND		0.50	0.044	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
4-Nitrophenol	ND		0.50	0.061	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Acenaphthene	ND		0.50	0.054	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Acenaphthylene	ND		0.50	0.039	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Aniline	ND		0.50	0.040	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Anthracene	ND		0.50	0.051	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Azobenzene	ND		0.50	0.11	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzidine	ND		5.0	1.4	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzo[a]anthracene	ND		0.50	0.046	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzo[a]pyrene	ND		0.50	0.076	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzo[b]fluoranthene	ND		0.50	0.080	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzo[g,h,i]perylene	ND		0.50	0.083	mg/Kg		08/11/21 07:04	08/12/21 16:14	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-170364/1-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.50	0.046	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzoic acid	ND		2.5	1.6	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Benzyl alcohol	ND		0.50	0.085	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Bis(2-chloroethoxy)methane	ND		0.50	0.062	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Bis(2-chloroethyl)ether	ND		2.5	0.10	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.060	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.25	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Butyl benzyl phthalate	ND		0.50	0.22	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Chrysene	ND		0.50	0.068	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Dibenz(a,h)anthracene	ND		0.50	0.10	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Dibenzofuran	ND		0.50	0.094	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Diethyl phthalate	ND		0.50	0.061	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Dimethyl phthalate	ND		0.50	0.063	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Di-n-butyl phthalate	ND		0.50	0.073	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Di-n-octyl phthalate	ND		0.50	0.36	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Fluoranthene	ND		0.50	0.058	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Fluorene	ND		0.50	0.067	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Hexachloro-1,3-butadiene	ND		0.50	0.050	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Hexachlorobenzene	ND		0.50	0.092	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Hexachlorocyclopentadiene	ND		1.5	0.38	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Hexachloroethane	ND		0.50	0.11	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.090	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Isophorone	ND		0.50	0.068	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Naphthalene	ND		0.50	0.058	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Nitrobenzene	ND		2.0	0.044	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
N-Nitrosodimethylamine	ND		0.50	0.077	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
N-Nitrosodi-n-propylamine	ND		0.50	0.067	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
N-Nitrosodiphenylamine	ND		0.50	0.039	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Pentachlorophenol	ND		2.5	1.0	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Phenanthrene	ND		0.50	0.061	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Phenol	ND		0.50	0.095	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Pyrene	ND		0.50	0.075	mg/Kg		08/11/21 07:04	08/12/21 16:14	1
Pyridine	ND		0.50	0.082	mg/Kg		08/11/21 07:04	08/12/21 16:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 134*	*08/11/21 07:04*	*08/12/21 16:14*	*1*
2-Fluorobiphenyl (Surr)	*91*		*14 - 142*	*08/11/21 07:04*	*08/12/21 16:14*	*1*
2-Fluorophenol (Surr)	*104*		*10 - 123*	*08/11/21 07:04*	*08/12/21 16:14*	*1*
Nitrobenzene-d5 (Surr)	*99*		*10 - 129*	*08/11/21 07:04*	*08/12/21 16:14*	*1*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*	*08/11/21 07:04*	*08/12/21 16:14*	*1*
Phenol-d6 (Surr)	*99*		*10 - 120*	*08/11/21 07:04*	*08/12/21 16:14*	*1*

Lab Sample ID: LCS 570-170364/2-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	5.00	3.442		mg/Kg		69	61 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-170364/2-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	5.00	4.285		mg/Kg		86	57 - 120
2,4-Dinitrotoluene	5.00	4.144		mg/Kg		83	68 - 120
2-Chlorophenol	5.00	4.455		mg/Kg		89	63 - 120
4-Chloro-3-methylphenol	5.00	3.754		mg/Kg		75	66 - 120
4-Nitrophenol	5.00	4.668		mg/Kg		93	50 - 125
Acenaphthene	5.00	4.352		mg/Kg		87	64 - 120
Acenaphthylene	5.00	5.205		mg/Kg		104	69 - 126
Butyl benzyl phthalate	5.00	4.172		mg/Kg		83	69 - 123
Dimethyl phthalate	5.00	4.097		mg/Kg		82	63 - 120
Fluorene	5.00	4.489		mg/Kg		90	68 - 120
Naphthalene	5.00	4.024		mg/Kg		80	66 - 120
N-Nitrosodi-n-propylamine	5.00	4.996		mg/Kg		100	61 - 120
Pentachlorophenol	5.00	3.066		mg/Kg		61	28 - 120
Phenol	5.00	5.257		mg/Kg		105	59 - 120
Pyrene	5.00	4.080		mg/Kg		82	72 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*
2-Fluorobiphenyl (Surr)	*86*		*14 - 142*
2-Fluorophenol (Surr)	*95*		*10 - 123*
Nitrobenzene-d5 (Surr)	*83*		*10 - 129*
p-Terphenyl-d14 (Surr)	*80*		*31 - 139*
Phenol-d6 (Surr)	*94*		*10 - 120*

Lab Sample ID: LCSD 570-170364/3-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170364

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.004		mg/Kg		80	61 - 120	15	20
1,4-Dichlorobenzene	5.00	4.378		mg/Kg		88	57 - 120	2	20
2,4-Dinitrotoluene	5.00	4.293		mg/Kg		86	68 - 120	4	20
2-Chlorophenol	5.00	4.669		mg/Kg		93	63 - 120	5	20
4-Chloro-3-methylphenol	5.00	4.293		mg/Kg		86	66 - 120	13	20
4-Nitrophenol	5.00	4.796		mg/Kg		96	50 - 125	3	20
Acenaphthene	5.00	4.489		mg/Kg		90	64 - 120	3	20
Acenaphthylene	5.00	5.364		mg/Kg		107	69 - 126	3	20
Butyl benzyl phthalate	5.00	4.499		mg/Kg		90	69 - 123	8	20
Dimethyl phthalate	5.00	4.358		mg/Kg		87	63 - 120	6	20
Fluorene	5.00	4.738		mg/Kg		95	68 - 120	5	20
Naphthalene	5.00	4.613		mg/Kg		92	66 - 120	14	20
N-Nitrosodi-n-propylamine	5.00	5.337		mg/Kg		107	61 - 120	7	20
Pentachlorophenol	5.00	3.291		mg/Kg		66	28 - 120	7	20
Phenol	5.00	5.593		mg/Kg		112	59 - 120	6	20
Pyrene	5.00	4.349		mg/Kg		87	72 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 134*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-170364/3-A
Matrix: Solid
Analysis Batch: 170882

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170364

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	89		14 - 142
2-Fluorophenol (Surr)	101		10 - 123
Nitrobenzene-d5 (Surr)	94		10 - 129
p-Terphenyl-d14 (Surr)	84		31 - 139
Phenol-d6 (Surr)	99		10 - 120

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-170827/1-A
Matrix: Solid
Analysis Batch: 170919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C7 as C7	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C8 as C8	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C9-C10	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C11-C12	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C13-C14	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C15-C16	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C17-C18	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C19-C20	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C21-C22	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C23-C24	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C25-C28	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C29-C32	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C33-C36	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C37-C40	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C41-C44	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
C6-C44	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1
Diesel Range Organics [C10-C28]	ND		5.0	3.8	mg/Kg		08/12/21 12:00	08/12/21 18:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	112		60 - 138	08/12/21 12:00	08/12/21 18:52	1

Lab Sample ID: LCS 570-170827/2-A
Matrix: Solid
Analysis Batch: 170919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170827

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	428.0		mg/Kg		107	80 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	109		60 - 138

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-170827/3-A
Matrix: Solid
Analysis Batch: 170919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170827

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	405.0		mg/Kg		101	80 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*60 - 138*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-170545/1-A
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.99	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
4,4'-DDE	ND		5.0	0.54	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
4,4'-DDT	ND		5.0	0.94	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Aldrin	ND		5.0	0.72	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
alpha-BHC	ND		5.0	3.0	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
alpha-Chlordane	ND		5.0	1.3	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
beta-BHC	ND		5.0	3.7	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Chlordane	ND		25	2.4	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
delta-BHC	ND		5.0	1.6	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Dieldrin	ND		5.0	0.25	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endosulfan I	ND		5.0	1.1	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endosulfan II	ND		5.0	0.31	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endosulfan sulfate	ND		5.0	0.40	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endrin	ND		5.0	0.33	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endrin aldehyde	ND		5.0	1.8	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Endrin ketone	ND		5.0	0.48	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
gamma-Chlordane	ND		5.0	1.3	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
gamma-BHC	ND		5.0	0.62	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Heptachlor	ND		5.0	0.89	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Heptachlor epoxide	ND		5.0	0.67	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Methoxychlor	ND		5.0	0.81	ug/Kg		08/11/21 13:47	08/13/21 07:35	1
Toxaphene	ND		25	20	ug/Kg		08/11/21 13:47	08/13/21 07:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*97*		*38 - 148*	*08/11/21 13:47*	*08/13/21 07:35*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*37 - 151*	*08/11/21 13:47*	*08/13/21 07:35*	*1*

Lab Sample ID: LCS 570-170545/15-A
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170545

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD			25.0	23.88		ug/Kg		96	54 - 154		
4,4'-DDE			25.0	22.87		ug/Kg		91	51 - 149		
4,4'-DDT			25.0	23.36		ug/Kg		93	39 - 152		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-170545/15-A
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170545

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aldrin			25.0	21.53		ug/Kg		86	52 - 138		
alpha-BHC			25.0	23.07		ug/Kg		92	51 - 140		
alpha-Chlordane			25.0	21.92		ug/Kg		88	53 - 141		
beta-BHC			25.0	21.81		ug/Kg		87	53 - 141		
delta-BHC			25.0	23.56		ug/Kg		94	20 - 132		
Dieldrin			25.0	21.67		ug/Kg		87	52 - 144		
Endosulfan I			25.0	22.18		ug/Kg		89	49 - 139		
Endosulfan II			25.0	22.02		ug/Kg		88	51 - 150		
Endosulfan sulfate			25.0	23.28		ug/Kg		93	45 - 139		
Endrin			25.0	23.37		ug/Kg		93	53 - 151		
Endrin aldehyde			25.0	19.68		ug/Kg		79	31 - 146		
gamma-Chlordane			25.0	21.94		ug/Kg		88	46 - 156		
gamma-BHC			25.0	23.88		ug/Kg		96	53 - 141		
Heptachlor			25.0	22.55		ug/Kg		90	52 - 144		
Heptachlor epoxide			25.0	22.19		ug/Kg		89	54 - 141		
Methoxychlor			25.0	24.67		ug/Kg		99	47 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*94*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*95*		*37 - 151*

Lab Sample ID: LCSD 570-170545/16-A
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD			25.0	24.09		ug/Kg		96	54 - 154	1	30
4,4'-DDE			25.0	23.06		ug/Kg		92	51 - 149	1	28
4,4'-DDT			25.0	23.62		ug/Kg		94	39 - 152	1	31
Aldrin			25.0	21.78		ug/Kg		87	52 - 138	1	30
alpha-BHC			25.0	23.41		ug/Kg		94	51 - 140	1	29
alpha-Chlordane			25.0	22.15		ug/Kg		89	53 - 141	1	28
beta-BHC			25.0	22.14		ug/Kg		89	53 - 141	2	29
delta-BHC			25.0	23.78		ug/Kg		95	20 - 132	1	40
Dieldrin			25.0	21.96		ug/Kg		88	52 - 144	1	28
Endosulfan I			25.0	22.37		ug/Kg		89	49 - 139	1	28
Endosulfan II			25.0	22.24		ug/Kg		89	51 - 150	1	29
Endosulfan sulfate			25.0	23.63		ug/Kg		95	45 - 139	1	30
Endrin			25.0	23.41		ug/Kg		94	53 - 151	0	29
Endrin aldehyde			25.0	20.01		ug/Kg		80	31 - 146	2	40
gamma-Chlordane			25.0	22.22		ug/Kg		89	46 - 156	1	39
gamma-BHC			25.0	24.24		ug/Kg		97	53 - 141	1	29
Heptachlor			25.0	22.82		ug/Kg		91	52 - 144	1	29
Heptachlor epoxide			25.0	22.43		ug/Kg		90	54 - 141	1	29
Methoxychlor			25.0	25.16		ug/Kg		101	47 - 148	2	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*96*		*38 - 148*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-170545/16-A
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170545

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		37 - 151

Lab Sample ID: 570-66907-19 MS
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: UNKBS
Prep Type: Total/NA
Prep Batch: 170545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		25.1	19.51		ug/Kg		78	27 - 144
4,4'-DDE	ND		25.1	19.19		ug/Kg		76	28 - 141
4,4'-DDT	ND		25.1	19.96		ug/Kg		80	10 - 154
Aldrin	ND		25.1	17.87		ug/Kg		71	26 - 125
alpha-BHC	ND		25.1	18.87		ug/Kg		75	24 - 125
alpha-Chlordane	ND		25.1	17.99		ug/Kg		72	17 - 144
beta-BHC	ND		25.1	17.81		ug/Kg		71	28 - 125
delta-BHC	ND		25.1	19.50		ug/Kg		78	10 - 125
Dieldrin	ND		25.1	18.10		ug/Kg		72	19 - 145
Endosulfan I	ND		25.1	18.50		ug/Kg		74	25 - 125
Endosulfan II	ND		25.1	18.10		ug/Kg		72	13 - 142
Endosulfan sulfate	ND		25.1	19.24		ug/Kg		77	14 - 126
Endrin	ND		25.1	19.37		ug/Kg		77	28 - 139
Endrin aldehyde	ND		25.1	18.09		ug/Kg		72	12 - 125
gamma-Chlordane	ND		25.1	18.02		ug/Kg		72	10 - 160
gamma-BHC	ND		25.1	19.60		ug/Kg		78	24 - 125
Heptachlor	ND		25.1	18.69		ug/Kg		75	19 - 127
Heptachlor epoxide	ND		25.1	18.47		ug/Kg		74	33 - 123
Methoxychlor	ND		25.1	21.39		ug/Kg		85	19 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	78		38 - 148
DCB Decachlorobiphenyl (Surr)	81		37 - 151

Lab Sample ID: 570-66907-19 MSD
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: UNKBS
Prep Type: Total/NA
Prep Batch: 170545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		24.9	20.56		ug/Kg		83	27 - 144	5	40
4,4'-DDE	ND		24.9	20.00		ug/Kg		80	28 - 141	4	32
4,4'-DDT	ND		24.9	20.54		ug/Kg		83	10 - 154	3	40
Aldrin	ND		24.9	18.29		ug/Kg		74	26 - 125	2	40
alpha-BHC	ND		24.9	18.75		ug/Kg		75	24 - 125	1	40
alpha-Chlordane	ND		24.9	18.64		ug/Kg		75	17 - 144	4	40
beta-BHC	ND		24.9	18.11		ug/Kg		73	28 - 125	2	39
delta-BHC	ND		24.9	20.08		ug/Kg		81	10 - 125	3	40
Dieldrin	ND		24.9	18.67		ug/Kg		75	19 - 145	3	39
Endosulfan I	ND		24.9	18.74		ug/Kg		75	25 - 125	1	39
Endosulfan II	ND		24.9	18.80		ug/Kg		76	13 - 142	4	40
Endosulfan sulfate	ND		24.9	20.01		ug/Kg		80	14 - 126	4	38

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-66907-19 MSD
Matrix: Solid
Analysis Batch: 170956

Client Sample ID: UNKBS
Prep Type: Total/NA
Prep Batch: 170545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin	ND		24.9	20.01		ug/Kg		80	28 - 139	3	40
Endrin aldehyde	ND		24.9	18.46		ug/Kg		74	12 - 125	2	40
gamma-Chlordane	ND		24.9	18.48	p	ug/Kg		74	10 - 160	3	40
gamma-BHC	ND		24.9	19.64		ug/Kg		79	24 - 125	0	40
Heptachlor	ND		24.9	18.91		ug/Kg		76	19 - 127	1	40
Heptachlor epoxide	ND		24.9	19.04		ug/Kg		77	33 - 123	3	34
Methoxychlor	ND		24.9	20.92		ug/Kg		84	19 - 128	2	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*78*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*84*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-170545/1-A
Matrix: Solid
Analysis Batch: 170296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1221	ND		50	39	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1232	ND		50	39	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1242	ND		50	39	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1248	ND		50	39	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1254	ND		50	25	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1260	ND		50	25	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1262	ND		50	25	ug/Kg		08/11/21 13:47	08/11/21 21:40	1
Aroclor-1268	ND		50	25	ug/Kg		08/11/21 13:47	08/11/21 21:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*94*		*25 - 126*	*08/11/21 13:47*	*08/11/21 21:40*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*20 - 155*	*08/11/21 13:47*	*08/11/21 21:40*	*1*

Lab Sample ID: LCS 570-170545/2-A
Matrix: Solid
Analysis Batch: 170296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170545

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			100	112.0		ug/Kg		112	50 - 142		
Aroclor-1260			100	114.2		ug/Kg		114	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*98*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*85*		*20 - 155*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 570-170545/3-A
Matrix: Solid
Analysis Batch: 170296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			100	115.3		ug/Kg		115	50 - 142	3	30
Aroclor-1260			100	106.3		ug/Kg		106	50 - 150	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*102*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*96*		*20 - 155*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-170740/1-A
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.99	1.35	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Arsenic	ND		2.49	2.25	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Barium	ND		0.498	0.221	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Beryllium	ND		0.249	0.170	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Cadmium	ND		0.498	0.201	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Chromium	ND		0.995	0.175	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Cobalt	ND		0.995	0.226	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Copper	ND		0.995	0.505	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Molybdenum	ND		0.498	0.448	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Nickel	ND		0.498	0.427	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Selenium	ND		4.98	1.84	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Silver	ND		0.995	0.224	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Thallium	ND		4.98	1.47	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Vanadium	ND		0.995	0.171	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Zinc	ND		9.95	5.09	mg/Kg		08/12/21 08:57	08/12/21 17:18	1
Lead	ND		4.98	0.962	mg/Kg		08/12/21 08:57	08/12/21 17:18	1

Lab Sample ID: LCS 570-170740/2-A
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	23.84		mg/Kg		95	80 - 120
Arsenic	25.0	23.75		mg/Kg		95	80 - 120
Barium	25.0	26.84		mg/Kg		107	80 - 120
Beryllium	25.0	25.09		mg/Kg		100	80 - 120
Cadmium	25.0	24.50		mg/Kg		98	80 - 120
Chromium	25.0	25.68		mg/Kg		103	80 - 120
Cobalt	25.0	24.67		mg/Kg		99	80 - 120
Copper	25.0	27.57		mg/Kg		110	80 - 120
Molybdenum	25.0	23.97		mg/Kg		96	80 - 120
Nickel	25.0	25.72		mg/Kg		103	80 - 120
Selenium	25.0	22.57		mg/Kg		90	80 - 120
Silver	12.5	12.02		mg/Kg		96	80 - 120
Thallium	25.0	22.82		mg/Kg		91	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-170740/2-A
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	25.0	25.69		mg/Kg		103	80 - 120
Zinc	25.0	24.90		mg/Kg		100	80 - 120
Lead	25.0	25.21		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 570-170740/3-A
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170740

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	24.6	23.49		mg/Kg		95	80 - 120	1	20
Arsenic	24.6	22.85		mg/Kg		93	80 - 120	4	20
Barium	24.6	26.32		mg/Kg		107	80 - 120	2	20
Beryllium	24.6	24.72		mg/Kg		100	80 - 120	1	20
Cadmium	24.6	24.29		mg/Kg		99	80 - 120	1	20
Chromium	24.6	25.25		mg/Kg		103	80 - 120	2	20
Cobalt	24.6	24.67		mg/Kg		100	80 - 120	0	20
Copper	24.6	27.13		mg/Kg		110	80 - 120	2	20
Molybdenum	24.7	24.38		mg/Kg		99	80 - 120	2	20
Nickel	24.6	25.79		mg/Kg		105	80 - 120	0	20
Selenium	24.6	23.30		mg/Kg		95	80 - 120	3	20
Silver	12.3	11.82		mg/Kg		96	80 - 120	2	20
Thallium	24.6	23.36		mg/Kg		95	80 - 120	2	20
Vanadium	24.6	25.44		mg/Kg		103	80 - 120	1	20
Zinc	24.6	24.67		mg/Kg		100	80 - 120	1	20
Lead	24.6	25.26		mg/Kg		103	80 - 120	0	20

Lab Sample ID: 570-66907-1 MS
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: B3-S6
Prep Type: Total/NA
Prep Batch: 170740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	23.9	4.463	F1	mg/Kg		19	75 - 125
Arsenic	12.3	F1	23.9	40.01		mg/Kg		116	75 - 125
Barium	12.4	F1	23.9	35.25		mg/Kg		96	75 - 125
Beryllium	0.374		23.9	21.11		mg/Kg		87	75 - 125
Cadmium	0.498		23.9	20.14		mg/Kg		82	75 - 125
Chromium	4.77		23.9	27.70		mg/Kg		96	75 - 125
Cobalt	1.10		23.9	21.63		mg/Kg		86	75 - 125
Copper	70.0	F1	23.9	85.65	F1	mg/Kg		66	75 - 125
Molybdenum	ND	F1	24.0	16.95	F1	mg/Kg		71	75 - 125
Nickel	5.27		23.9	26.30		mg/Kg		88	75 - 125
Selenium	ND	F1 F2	23.9	7.376	F1	mg/Kg		31	75 - 125
Silver	0.447	J F1	12.0	16.30	F1	mg/Kg		132	75 - 125
Thallium	ND	F1	23.9	18.58		mg/Kg		78	75 - 125
Vanadium	1.74		23.9	24.75		mg/Kg		96	75 - 125
Zinc	69.0	F1	23.9	79.37	F1	mg/Kg		43	75 - 125
Lead	200		23.9	283.4	4	mg/Kg		349	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-66907-1 MSD
Matrix: Solid
Analysis Batch: 170851

Client Sample ID: B3-S6
Prep Type: Total/NA
Prep Batch: 170740

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	24.4	3.931	F1	mg/Kg		16	75 - 125	13	20
Arsenic	12.3	F1	24.4	43.89	F1	mg/Kg		129	75 - 125	9	20
Barium	12.4	F1	24.4	35.90		mg/Kg		97	75 - 125	2	20
Beryllium	0.374		24.4	21.63		mg/Kg		87	75 - 125	2	20
Cadmium	0.498		24.4	20.53		mg/Kg		82	75 - 125	2	20
Chromium	4.77		24.4	28.36		mg/Kg		97	75 - 125	2	20
Cobalt	1.10		24.4	21.90		mg/Kg		85	75 - 125	1	20
Copper	70.0	F1	24.4	87.97	F1	mg/Kg		74	75 - 125	3	20
Molybdenum	ND	F1	24.4	17.37	F1	mg/Kg		71	75 - 125	2	20
Nickel	5.27		24.4	26.82		mg/Kg		88	75 - 125	2	20
Selenium	ND	F1 F2	24.4	9.168	F1 F2	mg/Kg		38	75 - 125	22	20
Silver	0.447	J F1	12.2	16.83	F1	mg/Kg		134	75 - 125	3	20
Thallium	ND	F1	24.4	16.46	F1	mg/Kg		67	75 - 125	12	20
Vanadium	1.74		24.4	25.27		mg/Kg		96	75 - 125	2	20
Zinc	69.0	F1	24.4	79.87	F1	mg/Kg		44	75 - 125	1	20
Lead	200		24.4	286.7	4	mg/Kg		356	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-170724/1-A
Matrix: Solid
Analysis Batch: 171187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877	0.0142	mg/Kg		08/12/21 08:47	08/13/21 17:58	1

Lab Sample ID: LCS 570-170724/2-A
Matrix: Solid
Analysis Batch: 171187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170724

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.862	0.8445		mg/Kg		98	85 - 121		

Lab Sample ID: LCSD 570-170724/3-A
Matrix: Solid
Analysis Batch: 171187

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170724

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.877	0.8503		mg/Kg		97	85 - 121	1	10

GC/MS VOA

Prep Batch: 170678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	5035	

Analysis Batch: 170735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	8260B	170678
MB 570-170735/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-170735/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-170735/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 170364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	3546	
MB 570-170364/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-170364/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-170364/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 170882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	8270C	170364
MB 570-170364/1-A	Method Blank	Total/NA	Solid	8270C	170364
LCS 570-170364/2-A	Lab Control Sample	Total/NA	Solid	8270C	170364
LCSD 570-170364/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	170364

GC Semi VOA

Analysis Batch: 170296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-170545/1-A	Method Blank	Total/NA	Solid	8082	170545
LCS 570-170545/2-A	Lab Control Sample	Total/NA	Solid	8082	170545
LCSD 570-170545/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	170545

Prep Batch: 170545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	3546	
MB 570-170545/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-170545/15-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 570-170545/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-170545/16-A	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 570-170545/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-66907-19 MS	UNKBS	Total/NA	Solid	3546	
570-66907-19 MSD	UNKBS	Total/NA	Solid	3546	

Prep Batch: 170827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	3550C	
MB 570-170827/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-170827/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-170827/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

GC Semi VOA

Analysis Batch: 170919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	8015B	170827
MB 570-170827/1-A	Method Blank	Total/NA	Solid	8015B	170827
LCS 570-170827/2-A	Lab Control Sample	Total/NA	Solid	8015B	170827
LCSD 570-170827/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	170827

Analysis Batch: 170956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	8081A	170545
MB 570-170545/1-A	Method Blank	Total/NA	Solid	8081A	170545
LCS 570-170545/15-A	Lab Control Sample	Total/NA	Solid	8081A	170545
LCSD 570-170545/16-A	Lab Control Sample Dup	Total/NA	Solid	8081A	170545
570-66907-19 MS	UNKBS	Total/NA	Solid	8081A	170545
570-66907-19 MSD	UNKBS	Total/NA	Solid	8081A	170545

Analysis Batch: 170971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	8082	170545

Metals

Prep Batch: 170724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	7471A	
MB 570-170724/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-170724/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-170724/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Prep Batch: 170740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-1	B3-S6	Total/NA	Solid	3050B	
570-66907-2	B3-S7	Total/NA	Solid	3050B	
570-66907-3	B3-S5	Total/NA	Solid	3050B	
570-66907-4	B3-F3	Total/NA	Solid	3050B	
570-66907-5	B3-F4	Total/NA	Solid	3050B	
570-66907-6	B3-S4	Total/NA	Solid	3050B	
570-66907-7	B17-S1	Total/NA	Solid	3050B	
570-66907-8	B17-S2	Total/NA	Solid	3050B	
570-66907-9	B17-S3	Total/NA	Solid	3050B	
570-66907-10	B17-S4	Total/NA	Solid	3050B	
570-66907-11	B17-S5	Total/NA	Solid	3050B	
570-66907-12	B17-S6	Total/NA	Solid	3050B	
570-66907-13	B17-S7	Total/NA	Solid	3050B	
570-66907-14	B17-S8	Total/NA	Solid	3050B	
570-66907-15	B17-F1	Total/NA	Solid	3050B	
570-66907-16	B17-F2	Total/NA	Solid	3050B	
570-66907-17	B17-F3	Total/NA	Solid	3050B	
570-66907-18	B17-F4	Total/NA	Solid	3050B	
570-66907-19	UNKBS	Total/NA	Solid	3050B	
MB 570-170740/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-170740/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-170740/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 170740 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-1 MS	B3-S6	Total/NA	Solid	3050B	
570-66907-1 MSD	B3-S6	Total/NA	Solid	3050B	

Analysis Batch: 170851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-1	B3-S6	Total/NA	Solid	6010B	170740
570-66907-2	B3-S7	Total/NA	Solid	6010B	170740
570-66907-3	B3-S5	Total/NA	Solid	6010B	170740
570-66907-4	B3-F3	Total/NA	Solid	6010B	170740
570-66907-5	B3-F4	Total/NA	Solid	6010B	170740
570-66907-6	B3-S4	Total/NA	Solid	6010B	170740
570-66907-7	B17-S1	Total/NA	Solid	6010B	170740
570-66907-8	B17-S2	Total/NA	Solid	6010B	170740
570-66907-9	B17-S3	Total/NA	Solid	6010B	170740
570-66907-10	B17-S4	Total/NA	Solid	6010B	170740
570-66907-11	B17-S5	Total/NA	Solid	6010B	170740
570-66907-12	B17-S6	Total/NA	Solid	6010B	170740
570-66907-13	B17-S7	Total/NA	Solid	6010B	170740
570-66907-14	B17-S8	Total/NA	Solid	6010B	170740
570-66907-15	B17-F1	Total/NA	Solid	6010B	170740
570-66907-16	B17-F2	Total/NA	Solid	6010B	170740
570-66907-17	B17-F3	Total/NA	Solid	6010B	170740
570-66907-18	B17-F4	Total/NA	Solid	6010B	170740
570-66907-19	UNKBS	Total/NA	Solid	6010B	170740
MB 570-170740/1-A	Method Blank	Total/NA	Solid	6010B	170740
LCS 570-170740/2-A	Lab Control Sample	Total/NA	Solid	6010B	170740
LCSD 570-170740/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	170740
570-66907-1 MS	B3-S6	Total/NA	Solid	6010B	170740
570-66907-1 MSD	B3-S6	Total/NA	Solid	6010B	170740

Analysis Batch: 171187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-66907-19	UNKBS	Total/NA	Solid	7471A	170724
MB 570-170724/1-A	Method Blank	Total/NA	Solid	7471A	170724
LCS 570-170724/2-A	Lab Control Sample	Total/NA	Solid	7471A	170724
LCSD 570-170724/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	170724

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: B3-S6
Date Collected: 08/11/21 09:39
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.06 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:25	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-S7
Date Collected: 08/11/21 09:43
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:34	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-S5
Date Collected: 08/11/21 09:36
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:36	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-F3
Date Collected: 08/11/21 09:55
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:47	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-F4
Date Collected: 08/11/21 09:52
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:49	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-S4

Lab Sample ID: 570-66907-6

Date Collected: 08/11/21 09:50

Matrix: Solid

Date Received: 08/11/21 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.07 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:51	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S1

Lab Sample ID: 570-66907-7

Date Collected: 08/11/21 11:37

Matrix: Solid

Date Received: 08/11/21 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:53	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S2

Lab Sample ID: 570-66907-8

Date Collected: 08/11/21 11:44

Matrix: Solid

Date Received: 08/11/21 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:55	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S3

Lab Sample ID: 570-66907-9

Date Collected: 08/11/21 11:47

Matrix: Solid

Date Received: 08/11/21 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:57	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S4

Lab Sample ID: 570-66907-10

Date Collected: 08/11/21 11:46

Matrix: Solid

Date Received: 08/11/21 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:59	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: B17-S5
Date Collected: 08/11/21 11:50
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.95 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:01	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6
Date Collected: 08/11/21 11:30
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:03	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S7
Date Collected: 08/11/21 11:32
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.92 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:05	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S8
Date Collected: 08/11/21 11:35
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:25	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-F1
Date Collected: 08/11/21 12:05
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.93 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:27	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: B17-F2
Date Collected: 08/11/21 12:10
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.90 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:29	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-F3
Date Collected: 08/11/21 11:53
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.10 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:31	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-F4
Date Collected: 08/11/21 11:56
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 18:33	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.623 g	5 g	170678	08/11/21 23:11	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	170735	08/12/21 12:22	U4JL	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			20.21 g	2 mL	170364	08/11/21 16:33	F7UI	ECL 1
Total/NA	Analysis	8270C		1			170882	08/13/21 00:44	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			9.90 g	10 mL	170827	08/12/21 12:00	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			170919	08/13/21 00:40	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.06 g	10 mL	170545	08/11/21 16:36	F7UI	ECL 1
Total/NA	Analysis	8081A		1			170956	08/13/21 07:49	UJ3K	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			20.06 g	10 mL	170545	08/11/21 16:36	F7UI	ECL 1
Total/NA	Analysis	8082		1			170971	08/12/21 23:49	UJ3K	ECL 1
	Instrument ID: GC66									
Total/NA	Prep	3050B			2.01 g	100 mL	170740	08/12/21 08:57	WL8G	ECL 1
Total/NA	Analysis	6010B		1			170851	08/12/21 17:32	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Client Sample ID: UNKBS
Date Collected: 08/11/21 13:15
Date Received: 08/11/21 14:42

Lab Sample ID: 570-66907-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.63 g	100 mL	170724	08/12/21 08:47	WL8G	ECL 1
Total/NA	Analysis	7471A		1			171187	08/13/21 18:09	VWJ7	ECL 1
	Instrument ID: HG7									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-66907-1
Project/Site: Clow/04.20150013.19 task 3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-66907-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-66907-1	B3-S6	Solid	08/11/21 09:39	08/11/21 14:42
570-66907-2	B3-S7	Solid	08/11/21 09:43	08/11/21 14:42
570-66907-3	B3-S5	Solid	08/11/21 09:36	08/11/21 14:42
570-66907-4	B3-F3	Solid	08/11/21 09:55	08/11/21 14:42
570-66907-5	B3-F4	Solid	08/11/21 09:52	08/11/21 14:42
570-66907-6	B3-S4	Solid	08/11/21 09:50	08/11/21 14:42
570-66907-7	B17-S1	Solid	08/11/21 11:37	08/11/21 14:42
570-66907-8	B17-S2	Solid	08/11/21 11:44	08/11/21 14:42
570-66907-9	B17-S3	Solid	08/11/21 11:47	08/11/21 14:42
570-66907-10	B17-S4	Solid	08/11/21 11:46	08/11/21 14:42
570-66907-11	B17-S5	Solid	08/11/21 11:50	08/11/21 14:42
570-66907-12	B17-S6	Solid	08/11/21 11:30	08/11/21 14:42
570-66907-13	B17-S7	Solid	08/11/21 11:32	08/11/21 14:42
570-66907-14	B17-S8	Solid	08/11/21 11:35	08/11/21 14:42
570-66907-15	B17-F1	Solid	08/11/21 12:05	08/11/21 14:42
570-66907-16	B17-F2	Solid	08/11/21 12:10	08/11/21 14:42
570-66907-17	B17-F3	Solid	08/11/21 11:53	08/11/21 14:42
570-66907-18	B17-F4	Solid	08/11/21 11:56	08/11/21 14:42
570-66907-19	UNKBS	Solid	08/11/21 13:15	08/11/21 14:42

66907

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570-66907 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8/11/21

PAGE: 1 OF 3

440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Oragne STATE: CA ZIP: 92868

TEL.: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Crow/04 20150013 19 Task 3

P.O. NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S). (PRINT): B.W/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ⊗ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

☐ COELT EDF

SPECIAL INSTRUCTIONS:
48 hr TAT - See VTK picked
may need subsequent analyses depending on results

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	OTHER MTBE 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Lead 6010				
1	B3-S6	8.11.21	939	SOIL	x1	X																	X				
2	B3-S7		943																								
3	B3-S5		936																								
4	B3-F3		955																								
5	B3-F4		952																								
6	B3-S4		950																								
7	B17-S1		1137																								
8	B17-S2		1144																								
9	B17-S3		1147																								
10	B17-S4	↓	1146	↓	↓	↓																	↓				

Relinquished by (Signature): Becky Sundilson	Received by (Signature/Affiliation): Damyl To	Date: 8/11/21	Time: 1442
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date:	Time:
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date:	Time:

4, 2/3, 8 SCB

06/02/14 Revision

66907

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CHAIN OF CUSTODY RECORD

WO #/ LAB USE ONLY

DATE: 8/11/21

PAGE: 2 OF 3

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Oragne STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow/04.20150013 19 Task 3

PO NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) BS/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

☐ COELT EDF

SPECIAL INSTRUCTIONS:

48 hr TAT

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Lead 6010				
11	B17-S5	8/11/21	1150	SOIL	X	X																	X				
12	B17-S6		1130																								
13	B17-S7		1132																								
14	B17-S8		1135																								
15	B17-F1		1205																								
16	B17-F2		1210																								
17	B17-F3		1152																								
—	~~B17-F4 KS~~																										
18	B17-F4		1156																								
—																											

Relinquished by: (Signature)	Becky Sundilson	Received by: (Signature/Affiliation) Dannyle Tan	Date: 8/11/21	Time: 1442
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date:	Time:

Page 48 of 50

8/13/2021

03/02/14 Revision

66907

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CHAIN OF CUSTODY RECORD

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WO # / LAB USE ONLY

DATE: 8/11/21

PAGE: 3 OF 3

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Oragne STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow/04.20150013 19 task 3

P.O. NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) BS/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: 48 hr TAT

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH 8015 Full Run	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	~~Lead 6010~~ RS				
19	UNKBS	8.11.21	1315	SOIL	4	X						X		X	X		X	X	X		X		X				

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Becky Sundilson	Danugh EC	8/11/21	1442
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

6/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-66907-1

Login Number: 66907
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67094-1
Client Project/Site: Clow/04.20150013.19 task 3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
8/17/2021 9:03:49 AM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-67094-1
Project/Site: Clow/04.20150013.19 task 3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Job ID: 570-67094-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67094-1

Comments
No additional comments.

Receipt
The samples were received on 8/12/2021 2:58 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Client Sample ID: B3-S1 — Lab Sample ID: 570-67094-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	975		4.98	0.962	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S2 — Lab Sample ID: 570-67094-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	728		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S3 — Lab Sample ID: 570-67094-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	634		5.08	0.982	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S8 — Lab Sample ID: 570-67094-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1050		5.03	0.972	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-F1 — Lab Sample ID: 570-67094-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	601		5.56	1.07	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-F2 — Lab Sample ID: 570-67094-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	573		4.76	0.921	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Method: 6010B - Metals (ICP)

Client Sample ID: B3-S1
Date Collected: 08/12/21 12:41
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	975		4.98	0.962	mg/Kg		08/13/21 14:38	08/16/21 13:33	1

Client Sample ID: B3-S2
Date Collected: 08/12/21 12:45
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	728		5.00	0.967	mg/Kg		08/13/21 14:38	08/16/21 13:36	1

Client Sample ID: B3-S3
Date Collected: 08/12/21 12:39
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	634		5.08	0.982	mg/Kg		08/13/21 14:38	08/16/21 13:38	1

Client Sample ID: B3-S8
Date Collected: 08/12/21 12:33
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1050		5.03	0.972	mg/Kg		08/13/21 14:38	08/16/21 13:41	1

Client Sample ID: B3-F1
Date Collected: 08/12/21 12:27
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	601		5.56	1.07	mg/Kg		08/13/21 14:38	08/16/21 13:44	1

Client Sample ID: B3-F2
Date Collected: 08/12/21 12:30
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	573		4.76	0.921	mg/Kg		08/13/21 14:38	08/16/21 13:46	1

QC Sample Results

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-171201/1-A
Matrix: Solid
Analysis Batch: 171739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 171201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.24	1.01	mg/Kg		08/13/21 14:38	08/16/21 12:59	1

Lab Sample ID: LCS 570-171201/2-A
Matrix: Solid
Analysis Batch: 171739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 171201

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			25.1	26.91		mg/Kg		107	80 - 120		

Lab Sample ID: LCSD 570-171201/3-A
Matrix: Solid
Analysis Batch: 171739

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 171201

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			24.4	27.23		mg/Kg		112	80 - 120	1	20

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-67094-1
Project/Site: Clow/04.20150013.19 task 3

Metals

Prep Batch: 171201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67094-1	B3-S1	Total/NA	Solid	3050B	
570-67094-2	B3-S2	Total/NA	Solid	3050B	
570-67094-3	B3-S3	Total/NA	Solid	3050B	
570-67094-4	B3-S8	Total/NA	Solid	3050B	
570-67094-5	B3-F1	Total/NA	Solid	3050B	
570-67094-6	B3-F2	Total/NA	Solid	3050B	
MB 570-171201/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-171201/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-171201/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 171739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67094-1	B3-S1	Total/NA	Solid	6010B	171201
570-67094-2	B3-S2	Total/NA	Solid	6010B	171201
570-67094-3	B3-S3	Total/NA	Solid	6010B	171201
570-67094-4	B3-S8	Total/NA	Solid	6010B	171201
570-67094-5	B3-F1	Total/NA	Solid	6010B	171201
570-67094-6	B3-F2	Total/NA	Solid	6010B	171201
MB 570-171201/1-A	Method Blank	Total/NA	Solid	6010B	171201
LCS 570-171201/2-A	Lab Control Sample	Total/NA	Solid	6010B	171201
LCSD 570-171201/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	171201

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Client Sample ID: B3-S1
Date Collected: 08/12/21 12:41
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:33	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: B3-S2
Date Collected: 08/12/21 12:45
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:36	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: B3-S3
Date Collected: 08/12/21 12:39
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	100 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:38	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: B3-S8
Date Collected: 08/12/21 12:33
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:41	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: B3-F1
Date Collected: 08/12/21 12:27
Date Received: 08/12/21 14:58

Lab Sample ID: 570-67094-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	110 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:44	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-67094-1
Project/Site: Clow/04.20150013.19 task 3

Client Sample ID: B3-F2
Lab Sample ID: 570-67094-6
Date Collected: 08/12/21 12:30
Matrix: Solid
Date Received: 08/12/21 14:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.10 g	100 mL	171201	08/13/21 14:38	WL8G	ECL 1
Total/NA	Analysis	6010B		1			171739	08/16/21 13:46	ULPF	ECL 1
	Instrument ID: ICP9									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-67094-1
Project/Site: Clow/04.20150013.19 task 3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow/04.20150013.19 task 3

Job ID: 570-67094-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67094-1	B3-S1	Solid	08/12/21 12:41	08/12/21 14:58
570-67094-2	B3-S2	Solid	08/12/21 12:45	08/12/21 14:58
570-67094-3	B3-S3	Solid	08/12/21 12:39	08/12/21 14:58
570-67094-4	B3-S8	Solid	08/12/21 12:33	08/12/21 14:58
570-67094-5	B3-F1	Solid	08/12/21 12:27	08/12/21 14:58
570-67094-6	B3-F2	Solid	08/12/21 12:30	08/12/21 14:58

67094

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570-67094 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8/12/21

PAGE: 1 OF 1

440 Lincoln Way, Garden Grove, CA 92841-1427 · (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Oragne STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

Clow/04.20150013.19 Task 3

PROJECT CONTACT: Becky Sundilson

PO NO:

SAMPLER(S): (PRINT): BS/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

☐ COELT EDF

SPECIAL INSTRUCTIONS:
48 hr TAT See wiki portal for Questions.

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Lead 6010
	B3-S1	8-12-21	1241	SOIL	1	X																	X
	B3-S2		1245																				
	B3-S3		1239																				
	B3-S8		1233																				
	B3-F1		1227																				
	B3-F2		1230																				

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Yan EC	Date: 8/12/21	Time: 14:58
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2.9/2.5 SC6

06/02/14 Revision

8/17/2021

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-67094-1

Login Number: 67094
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67220-1
Client Project/Site: Clow Valve

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Authorized for release by:
8/17/2021 4:26:43 PM
Don Burley, Senior Project Manager
(714)895-5494
Donald.Burley@eurofinset.com

Designee for

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Job ID: 570-67220-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67220-1

Comments
No additional comments.

Receipt
The samples were received on 8/13/2021 1:22 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

Metals
Method 6010B: Due to the high concentration of Lead, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-171748 and analytical batch 570-172025 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-171746 and analytical batch 570-172079 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW2-F1 — Lab Sample ID: 570-67220-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	53.0	F1	4.85	0.939	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-F2 — Lab Sample ID: 570-67220-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	272		4.83	0.934	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-F3 — Lab Sample ID: 570-67220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	436		5.26	1.02	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-F4 — Lab Sample ID: 570-67220-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	364		5.15	0.997	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S1 — Lab Sample ID: 570-67220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	247		5.03	0.972	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S2 — Lab Sample ID: 570-67220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	247		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S3 — Lab Sample ID: 570-67220-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	219		4.93	0.953	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S4 — Lab Sample ID: 570-67220-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		4.98	0.962	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S5 — Lab Sample ID: 570-67220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	136		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S6 — Lab Sample ID: 570-67220-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	343		5.13	0.992	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S7 — Lab Sample ID: 570-67220-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	298		5.15	0.997	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW2-S8 — Lab Sample ID: 570-67220-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	210		5.03	0.972	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW3-S2 — Lab Sample ID: 570-67220-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	77.9		4.85	0.939	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S3 — Lab Sample ID: 570-67220-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	233		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S4 — Lab Sample ID: 570-67220-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	302		5.15	0.997	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S8 — Lab Sample ID: 570-67220-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	709		4.76	0.921	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S1 — Lab Sample ID: 570-67220-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	471		5.08	0.982	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-F1 — Lab Sample ID: 570-67220-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	414		5.03	0.972	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-F2 — Lab Sample ID: 570-67220-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	287		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-F3 — Lab Sample ID: 570-67220-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	745		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-F4 — Lab Sample ID: 570-67220-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	96.5	F1	5.26	1.02	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S7 — Lab Sample ID: 570-67220-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	30.9		4.85	0.939	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S6 — Lab Sample ID: 570-67220-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	35.0		4.83	0.934	mg/Kg	1		6010B	Total/NA

Client Sample ID: SW3-S5 — Lab Sample ID: 570-67220-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	119		4.98	0.962	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 6010B - Metals (ICP)

Client Sample ID: SW2-F1
Date Collected: 08/13/21 10:07
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	53.0	F1	4.85	0.939	mg/Kg		08/16/21 15:34	08/17/21 12:18	1

Client Sample ID: SW2-F2
Date Collected: 08/13/21 10:09
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	272		4.83	0.934	mg/Kg		08/16/21 15:34	08/17/21 12:26	1

Client Sample ID: SW2-F3
Date Collected: 08/13/21 10:12
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	436		5.26	1.02	mg/Kg		08/16/21 15:34	08/17/21 12:28	1

Client Sample ID: SW2-F4
Date Collected: 08/13/21 10:16
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	364		5.15	0.997	mg/Kg		08/16/21 15:34	08/17/21 12:31	1

Client Sample ID: SW2-S1
Date Collected: 08/13/21 09:39
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	247		5.03	0.972	mg/Kg		08/16/21 15:34	08/17/21 12:33	1

Client Sample ID: SW2-S2
Date Collected: 08/13/21 09:42
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	247		4.88	0.943	mg/Kg		08/16/21 15:34	08/17/21 12:41	1

Client Sample ID: SW2-S3
Date Collected: 08/13/21 09:45
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	219		4.93	0.953	mg/Kg		08/16/21 15:34	08/17/21 12:44	1

Client Sample ID: SW2-S4
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		4.98	0.962	mg/Kg		08/16/21 15:34	08/17/21 12:47	1

Client Sample ID: SW2-S5
Date Collected: 08/13/21 09:51
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	136		5.00	0.967	mg/Kg		08/16/21 15:34	08/17/21 12:49	1

Method: 6010B - Metals (ICP)

Client Sample ID: SW2-S6
Date Collected: 08/13/21 09:54
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	343		5.13	0.992	mg/Kg		08/16/21 15:34	08/17/21 12:52	1

Client Sample ID: SW2-S7
Date Collected: 08/13/21 09:58
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	298		5.15	0.997	mg/Kg		08/16/21 15:34	08/17/21 12:55	1

Client Sample ID: SW2-S8
Date Collected: 08/13/21 10:03
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	210		5.03	0.972	mg/Kg		08/16/21 15:34	08/17/21 12:58	1

Client Sample ID: SW3-S2
Date Collected: 08/13/21 11:29
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	77.9		4.85	0.939	mg/Kg		08/16/21 15:34	08/17/21 13:00	1

Client Sample ID: SW3-S3
Date Collected: 08/13/21 11:32
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	233		5.00	0.967	mg/Kg		08/16/21 15:34	08/17/21 13:03	1

Client Sample ID: SW3-S4
Date Collected: 08/13/21 11:36
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	302		5.15	0.997	mg/Kg		08/16/21 15:34	08/17/21 13:06	1

Client Sample ID: SW3-S8
Date Collected: 08/13/21 11:38
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	709		4.76	0.921	mg/Kg		08/16/21 15:34	08/17/21 13:13	1

Client Sample ID: SW3-S1
Date Collected: 08/13/21 11:41
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	471		5.08	0.982	mg/Kg		08/16/21 15:34	08/17/21 13:16	1

Client Sample ID: SW3-F1
Date Collected: 08/13/21 11:44
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	414		5.03	0.972	mg/Kg		08/16/21 15:34	08/17/21 13:19	1

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Method: 6010B - Metals (ICP)

Client Sample ID: SW3-F2
Date Collected: 08/13/21 11:48
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	287		4.88	0.943	mg/Kg		08/16/21 15:34	08/17/21 13:21	1

Client Sample ID: SW3-F3
Date Collected: 08/13/21 11:56
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	745		5.00	0.967	mg/Kg		08/16/21 15:34	08/17/21 13:24	1

Client Sample ID: SW3-F4
Date Collected: 08/13/21 11:58
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	96.5	F1	5.26	1.02	mg/Kg		08/16/21 15:42	08/17/21 10:43	1

Client Sample ID: SW3-S7
Date Collected: 08/13/21 12:01
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	30.9		4.85	0.939	mg/Kg		08/16/21 15:42	08/17/21 10:49	1

Client Sample ID: SW3-S6
Date Collected: 08/13/21 12:05
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	35.0		4.83	0.934	mg/Kg		08/16/21 15:42	08/17/21 10:51	1

Client Sample ID: SW3-S5
Date Collected: 08/13/21 12:08
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	119		4.98	0.962	mg/Kg		08/16/21 15:42	08/17/21 10:53	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-171746/1-A
Matrix: Solid
Analysis Batch: 172079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 171746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.03	0.972	mg/Kg		08/16/21 15:34	08/17/21 12:10	1

Lab Sample ID: LCS 570-171746/2-A
Matrix: Solid
Analysis Batch: 172079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 171746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	25.0	26.22		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 570-171746/3-A
Matrix: Solid
Analysis Batch: 172079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 171746

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	24.5	25.77		mg/Kg		105	80 - 120	2	20

Lab Sample ID: 570-67220-1 MS
Matrix: Solid
Analysis Batch: 172079

Client Sample ID: SW2-F1
Prep Type: Total/NA
Prep Batch: 171746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	53.0	F1	24.9	87.20	F1	mg/Kg		137	75 - 125

Lab Sample ID: 570-67220-1 MSD
Matrix: Solid
Analysis Batch: 172079

Client Sample ID: SW2-F1
Prep Type: Total/NA
Prep Batch: 171746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	53.0	F1	25.0	88.87	F1	mg/Kg		143	75 - 125	2	20

Lab Sample ID: MB 570-171748/1-A
Matrix: Solid
Analysis Batch: 172025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 171748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		4.88	0.943	mg/Kg		08/16/21 15:42	08/17/21 10:35	1

Lab Sample ID: LCS 570-171748/2-A
Matrix: Solid
Analysis Batch: 172025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 171748

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	25.1	24.96		mg/Kg		99	80 - 120

Lab Sample ID: LCSD 570-171748/3-A
Matrix: Solid
Analysis Batch: 172025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 171748

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	25.4	25.84		mg/Kg		102	80 - 120	3	20

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-67220-21 MS
Matrix: Solid
Analysis Batch: 172025

Client Sample ID: SW3-F4
Prep Type: Total/NA
Prep Batch: 171748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	96.5	F1	23.8	91.08	4	mg/Kg		-23	75 - 125

Lab Sample ID: 570-67220-21 MSD
Matrix: Solid
Analysis Batch: 172025

Client Sample ID: SW3-F4
Prep Type: Total/NA
Prep Batch: 171748

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	96.5	F1	24.8	94.06	F1	mg/Kg		-10	75 - 125	3	20

Metals

Prep Batch: 171746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67220-1	SW2-F1	Total/NA	Solid	3050B	
570-67220-2	SW2-F2	Total/NA	Solid	3050B	
570-67220-3	SW2-F3	Total/NA	Solid	3050B	
570-67220-4	SW2-F4	Total/NA	Solid	3050B	
570-67220-5	SW2-S1	Total/NA	Solid	3050B	
570-67220-6	SW2-S2	Total/NA	Solid	3050B	
570-67220-7	SW2-S3	Total/NA	Solid	3050B	
570-67220-8	SW2-S4	Total/NA	Solid	3050B	
570-67220-9	SW2-S5	Total/NA	Solid	3050B	
570-67220-10	SW2-S6	Total/NA	Solid	3050B	
570-67220-11	SW2-S7	Total/NA	Solid	3050B	
570-67220-12	SW2-S8	Total/NA	Solid	3050B	
570-67220-13	SW3-S2	Total/NA	Solid	3050B	
570-67220-14	SW3-S3	Total/NA	Solid	3050B	
570-67220-15	SW3-S4	Total/NA	Solid	3050B	
570-67220-16	SW3-S8	Total/NA	Solid	3050B	
570-67220-17	SW3-S1	Total/NA	Solid	3050B	
570-67220-18	SW3-F1	Total/NA	Solid	3050B	
570-67220-19	SW3-F2	Total/NA	Solid	3050B	
570-67220-20	SW3-F3	Total/NA	Solid	3050B	
MB 570-171746/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-171746/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-171746/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-67220-1 MS	SW2-F1	Total/NA	Solid	3050B	
570-67220-1 MSD	SW2-F1	Total/NA	Solid	3050B	

Prep Batch: 171748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67220-21	SW3-F4	Total/NA	Solid	3050B	
570-67220-22	SW3-S7	Total/NA	Solid	3050B	
570-67220-23	SW3-S6	Total/NA	Solid	3050B	
570-67220-24	SW3-S5	Total/NA	Solid	3050B	
MB 570-171748/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-171748/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-171748/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-67220-21 MS	SW3-F4	Total/NA	Solid	3050B	
570-67220-21 MSD	SW3-F4	Total/NA	Solid	3050B	

Analysis Batch: 172025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67220-21	SW3-F4	Total/NA	Solid	6010B	171748
570-67220-22	SW3-S7	Total/NA	Solid	6010B	171748
570-67220-23	SW3-S6	Total/NA	Solid	6010B	171748
570-67220-24	SW3-S5	Total/NA	Solid	6010B	171748
MB 570-171748/1-A	Method Blank	Total/NA	Solid	6010B	171748
LCS 570-171748/2-A	Lab Control Sample	Total/NA	Solid	6010B	171748
LCSD 570-171748/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	171748
570-67220-21 MS	SW3-F4	Total/NA	Solid	6010B	171748
570-67220-21 MSD	SW3-F4	Total/NA	Solid	6010B	171748

QC Association Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Metals

Analysis Batch: 172079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67220-1	SW2-F1	Total/NA	Solid	6010B	171746
570-67220-2	SW2-F2	Total/NA	Solid	6010B	171746
570-67220-3	SW2-F3	Total/NA	Solid	6010B	171746
570-67220-4	SW2-F4	Total/NA	Solid	6010B	171746
570-67220-5	SW2-S1	Total/NA	Solid	6010B	171746
570-67220-6	SW2-S2	Total/NA	Solid	6010B	171746
570-67220-7	SW2-S3	Total/NA	Solid	6010B	171746
570-67220-8	SW2-S4	Total/NA	Solid	6010B	171746
570-67220-9	SW2-S5	Total/NA	Solid	6010B	171746
570-67220-10	SW2-S6	Total/NA	Solid	6010B	171746
570-67220-11	SW2-S7	Total/NA	Solid	6010B	171746
570-67220-12	SW2-S8	Total/NA	Solid	6010B	171746
570-67220-13	SW3-S2	Total/NA	Solid	6010B	171746
570-67220-14	SW3-S3	Total/NA	Solid	6010B	171746
570-67220-15	SW3-S4	Total/NA	Solid	6010B	171746
570-67220-16	SW3-S8	Total/NA	Solid	6010B	171746
570-67220-17	SW3-S1	Total/NA	Solid	6010B	171746
570-67220-18	SW3-F1	Total/NA	Solid	6010B	171746
570-67220-19	SW3-F2	Total/NA	Solid	6010B	171746
570-67220-20	SW3-F3	Total/NA	Solid	6010B	171746
MB 570-171746/1-A	Method Blank	Total/NA	Solid	6010B	171746
LCS 570-171746/2-A	Lab Control Sample	Total/NA	Solid	6010B	171746
LCSD 570-171746/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	171746
570-67220-1 MS	SW2-F1	Total/NA	Solid	6010B	171746
570-67220-1 MSD	SW2-F1	Total/NA	Solid	6010B	171746

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW2-F1
Date Collected: 08/13/21 10:07
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.06 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:18	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-F2
Date Collected: 08/13/21 10:09
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.07 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:26	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-F3
Date Collected: 08/13/21 10:12
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.90 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:28	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-F4
Date Collected: 08/13/21 10:16
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:31	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S1
Date Collected: 08/13/21 09:39
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:33	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW2-S2
Date Collected: 08/13/21 09:42
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:41	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S3
Date Collected: 08/13/21 09:45
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:44	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S4
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:47	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S5
Date Collected: 08/13/21 09:51
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:49	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S6
Date Collected: 08/13/21 09:54
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.95 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:52	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW2-S7
Date Collected: 08/13/21 09:58
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:55	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW2-S8
Date Collected: 08/13/21 10:03
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 12:58	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-S2
Date Collected: 08/13/21 11:29
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.06 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:00	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-S3
Date Collected: 08/13/21 11:32
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:03	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-S4
Date Collected: 08/13/21 11:36
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:06	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW3-S8
Date Collected: 08/13/21 11:38
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.10 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:13	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-S1
Date Collected: 08/13/21 11:41
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:16	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-F1
Date Collected: 08/13/21 11:44
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:19	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-F2
Date Collected: 08/13/21 11:48
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:21	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SW3-F3
Date Collected: 08/13/21 11:56
Date Received: 08/13/21 13:22

Lab Sample ID: 570-67220-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	171746	08/16/21 15:34	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172079	08/17/21 13:24	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Client Sample ID: SW3-F4

Lab Sample ID: 570-67220-21

Date Collected: 08/13/21 11:58

Matrix: Solid

Date Received: 08/13/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.90 g	100 mL	171748	08/16/21 15:42	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172025	08/17/21 10:43	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: SW3-S7

Lab Sample ID: 570-67220-22

Date Collected: 08/13/21 12:01

Matrix: Solid

Date Received: 08/13/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.06 g	100 mL	171748	08/16/21 15:42	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172025	08/17/21 10:49	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: SW3-S6

Lab Sample ID: 570-67220-23

Date Collected: 08/13/21 12:05

Matrix: Solid

Date Received: 08/13/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.07 g	100 mL	171748	08/16/21 15:42	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172025	08/17/21 10:51	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: SW3-S5

Lab Sample ID: 570-67220-24

Date Collected: 08/13/21 12:08

Matrix: Solid

Date Received: 08/13/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	100 mL	171748	08/16/21 15:42	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172025	08/17/21 10:53	ULPF	ECL 1
	Instrument ID: ICP8									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-67220-1
Project/Site: Clow Valve

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve

Job ID: 570-67220-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67220-1	SW2-F1	Solid	08/13/21 10:07	08/13/21 13:22
570-67220-2	SW2-F2	Solid	08/13/21 10:09	08/13/21 13:22
570-67220-3	SW2-F3	Solid	08/13/21 10:12	08/13/21 13:22
570-67220-4	SW2-F4	Solid	08/13/21 10:16	08/13/21 13:22
570-67220-5	SW2-S1	Solid	08/13/21 09:39	08/13/21 13:22
570-67220-6	SW2-S2	Solid	08/13/21 09:42	08/13/21 13:22
570-67220-7	SW2-S3	Solid	08/13/21 09:45	08/13/21 13:22
570-67220-8	SW2-S4	Solid	08/13/21 09:48	08/13/21 13:22
570-67220-9	SW2-S5	Solid	08/13/21 09:51	08/13/21 13:22
570-67220-10	SW2-S6	Solid	08/13/21 09:54	08/13/21 13:22
570-67220-11	SW2-S7	Solid	08/13/21 09:58	08/13/21 13:22
570-67220-12	SW2-S8	Solid	08/13/21 10:03	08/13/21 13:22
570-67220-13	SW3-S2	Solid	08/13/21 11:29	08/13/21 13:22
570-67220-14	SW3-S3	Solid	08/13/21 11:32	08/13/21 13:22
570-67220-15	SW3-S4	Solid	08/13/21 11:36	08/13/21 13:22
570-67220-16	SW3-S8	Solid	08/13/21 11:38	08/13/21 13:22
570-67220-17	SW3-S1	Solid	08/13/21 11:41	08/13/21 13:22
570-67220-18	SW3-F1	Solid	08/13/21 11:44	08/13/21 13:22
570-67220-19	SW3-F2	Solid	08/13/21 11:48	08/13/21 13:22
570-67220-20	SW3-F3	Solid	08/13/21 11:56	08/13/21 13:22
570-67220-21	SW3-F4	Solid	08/13/21 11:58	08/13/21 13:22
570-67220-22	SW3-S7	Solid	08/13/21 12:01	08/13/21 13:22
570-67220-23	SW3-S6	Solid	08/13/21 12:05	08/13/21 13:22
570-67220-24	SW3-S5	Solid	08/13/21 12:08	08/13/21 13:22

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570-67220 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8/13/21

PAGE: 1 OF 3

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earthcon

ADDRESS: 1100 Town + Country Rd St 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL:

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR (circled) ☒ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: 48 hr TAT See Vilc

CLIENT PROJECT NAME / NUMBER: 04.20150013.19 ~~task3~~

P.O NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S) (PRINT): BS/JB

REQUESTED ANALYSES

Please check box or fill in blank as needed

Analysis columns: ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH ____ | BTEX / MTBE ☐ 8260 ☐ ____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6 | Pb 6010

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	Pb 6010
1	SW2-F1	8-13-21	1007	Soil	1	X			X
2	SW2-F2	↓	1009	↓	↓	↓			
3	SW2-F3	↓	1012	↓	↓	↓			
4	SW2-F4	↓	1016	↓	↓	↓			
5	SW2-S1	↓	939	↓	↓	↓			
6	SW2-S2	↓	942	↓	↓	↓			
7	SW2-S3	↓	945	↓	↓	↓			
8	SW2-S4	↓	948	↓	↓	↓			
9	SW2-S5	↓	951	↓	↓	↓			
10	SW2-S6	↓	954	↓	↓	↓			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
[signature]	[signature] ECI	8/13/21	1322
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3.9/3.5 5c6

06/02/14 Revision

67220

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CHAIN OF CUSTODY RECORD

DATE: 8/13/21

PAGE: 2 OF 3

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earth Con

ADDRESS: 1100 Town Country Rd

CITY: Orange STATE: ZIP:

TEL. 714 3218626 E-MAIL. bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: 04.20150013.19 task3

PO NO

PROJECT CONTACT: Becky Sundilson

SAMPLER(S) (PRINT): BS/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):
☐ SAME DAY ☐ 24 HR ☑ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: 48 hr Tat Service

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	X Pb 6010
11	SW2-S7	8/13/21	958	Soil	01	X																	X
12	SW2-S8		1003																				
13	SW3-S2		1129																				
14	SW3-S3		1132																				
15	SW3-S4		1136																				
16	SW3-S8		1130																				
17	SW3-S1		1141																				
18	SW3-F1		1144																				
19	SW3-F2		1148																				
20	SW3-F3		1156																				

Relinquished by (Signature)	Received by (Signature/Affiliation) E CI	Date 8/13/21	Time 1322
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time

06/02/14 Revision

8/17/2021

67220

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CHAIN OF CUSTODY RECORD

DATE: 8/13/21

PAGE: 3 OF 3

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earth Cal Consultant CA Inc
ADDRESS: 1100 Town & Country Rd Suite 200
CITY: Orange STATE: CA ZIP: 92868
TEL: 714-321-8626 E-MAIL:

CLIENT PROJECT NAME / NUMBER: [illegible] - 04.20150013.19 task 3
PO NO:
PROJECT CONTACT: Becky Smith
SAMPLER(S) (PRINT): DS/JB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: 48 hr TAT

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) GRO	TPH(d) DRO	TPH C6-C36 C6-C44	TPH	BTEX / MTBE 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) En Core Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs 8270 8270 SIM	T22 Metals. 6010/747X 6020/747X	Cr(VI) 7196 7199 218.6	PB6010
21	SW3-E4	8/13/21	1150	Soil	1	X																	X
22	SW3-S4		1201																				
23	SW3-S6		1205																				
24	SW3-S5		1200																				

Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 8/13/21	Time: 1322
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

8/17/2021

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-67220-1

Login Number: 67220
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67303-1
Client Project/Site: Clow Valve / 0420150013.19 task #3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
8/18/2021 4:29:37 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Job ID: 570-67303-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67303-1

Comments
No additional comments.

Receipt
The samples were received on 8/16/2021 10:08 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.0º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Client Sample ID: B17-F2A
Lab Sample ID: 570-67303-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.99		5.21	1.01	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6A
Lab Sample ID: 570-67303-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1420		5.03	0.972	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Method: 6010B - Metals (ICP)

Client Sample ID: B17-F2A
Date Collected: 08/16/21 08:40
Date Received: 08/16/21 10:08
Lab Sample ID: 570-67303-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.99		5.21	1.01	mg/Kg		08/17/21 16:31	08/18/21 11:58	1

Client Sample ID: B17-S6A
Date Collected: 08/16/21 08:50
Date Received: 08/16/21 10:08
Lab Sample ID: 570-67303-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1420		5.03	0.972	mg/Kg		08/17/21 16:31	08/18/21 12:09	1

QC Sample Results

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 0420150013.19 task #3

Job ID: 570-67303-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-172115/1-A
Matrix: Solid
Analysis Batch: 172338

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.21	1.01	mg/Kg		08/17/21 16:31	08/18/21 11:38	1

Lab Sample ID: LCS 570-172115/2-A
Matrix: Solid
Analysis Batch: 172338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172115

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			25.1	26.76		mg/Kg		107	80 - 120		

Lab Sample ID: LCSD 570-172115/3-A
Matrix: Solid
Analysis Batch: 172338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172115

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			24.4	25.86		mg/Kg		106	80 - 120	3	20

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Metals

Prep Batch: 172115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67303-1	B17-F2A	Total/NA	Solid	3050B	
570-67303-2	B17-S6A	Total/NA	Solid	3050B	
MB 570-172115/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-172115/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-172115/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 172338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67303-1	B17-F2A	Total/NA	Solid	6010B	172115
570-67303-2	B17-S6A	Total/NA	Solid	6010B	172115
MB 570-172115/1-A	Method Blank	Total/NA	Solid	6010B	172115
LCS 570-172115/2-A	Lab Control Sample	Total/NA	Solid	6010B	172115
LCSD 570-172115/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	172115

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Client Sample ID: B17-F2A
Lab Sample ID: 570-67303-1
Date Collected: 08/16/21 08:40
Matrix: Solid
Date Received: 08/16/21 10:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.92 g	100 mL	172115	08/17/21 16:31	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172338	08/18/21 11:58	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6A
Lab Sample ID: 570-67303-2
Date Collected: 08/16/21 08:50
Matrix: Solid
Date Received: 08/16/21 10:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	172115	08/17/21 16:31	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172338	08/18/21 12:09	ULPF	ECL 1
	Instrument ID: ICP8									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Job ID: 570-67303-1
Project/Site: Clow Valve / 0420150013.19 task #3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67303-1	B17-F2A	Solid	08/16/21 08:40	08/16/21 10:08
570-67303-2	B17-S6A	Solid	08/16/21 08:50	08/16/21 10:08

Loc: 570
67303

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570-67303 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 08/16/21

PAGE: 1 OF 1

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earthcon Consultants CA, Inc.

ADDRESS: 1100 Town & Country Rd. Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: Bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: C10W042015OO13.19 task #3

PO NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S). (PRINT): LMC/JRB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☒ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
* 48 hr TAT
* PDF
See Vik Patel
May need subsequent analyses depending on results

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	Lead 10010
1	B17-F2A	08/16/21	0840	Soil	1	X			X
2	B17-S6A	08/16/21	0850	Soil	1	X			X

Analyses: ☐ TPH(g) ☐ GRO; ☐ TPH(d) ☐ DRO; TPH ☐ C6-C36 ☐ C6-C44; TPH ____; BTEX / MTBE ☐ 8260 ☐ ____; VOCs (8260); Oxygenates (8260); Prep (5035) ☐ En Core ☐ Terra Core; SVOCs (8270); Pesticides (8081); PCBs (8082); PAHs ☐ 8270 ☐ 8270 SIM; T22 Metals ☐ 6010/747X ☐ 6020/747X; Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6; Lead 10010

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
	CC	8/16/21	10:38
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time:

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-67303-1

Login Number: 67303
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67417-1
Client Project/Site: Clow Valve / 04.20150013.19 task 3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
8/19/2021 4:29:59 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task 3

Job ID: 570-67417-1

Job ID: 570-67417-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67417-1

Comments
No additional comments.

Receipt
The samples were received on 8/17/2021 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: B3-F4A
Lab Sample ID: 570-67417-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	352		5.15	0.997	mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-S8A
Lab Sample ID: 570-67417-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1440		5.21	1.01	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 6010B - Metals (ICP)

Client Sample ID: B3-F4A
Lab Sample ID: 570-67417-1
Date Collected: 08/17/21 12:05
Matrix: Solid
Date Received: 08/17/21 13:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	352		5.15	0.997	mg/Kg		08/18/21 15:27	08/19/21 12:46	1

Client Sample ID: B3-S8A
Lab Sample ID: 570-67417-2
Date Collected: 08/17/21 12:20
Matrix: Solid
Date Received: 08/17/21 13:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1440		5.21	1.01	mg/Kg		08/18/21 15:27	08/19/21 12:48	1

QC Sample Results

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-172447/1-A
Matrix: Solid
Analysis Batch: 172760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.26	1.02	mg/Kg		08/18/21 15:27	08/19/21 12:03	1

Lab Sample ID: LCS 570-172447/2-A
Matrix: Solid
Analysis Batch: 172760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	24.4	25.77		mg/Kg		106	80 - 120

Lab Sample ID: LCSD 570-172447/3-A
Matrix: Solid
Analysis Batch: 172760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172447

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	24.9	26.26		mg/Kg		106	80 - 120	2	20

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Metals

Prep Batch: 172447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67417-1	B3-F4A	Total/NA	Solid	3050B	
570-67417-2	B3-S8A	Total/NA	Solid	3050B	
MB 570-172447/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-172447/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-172447/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 172760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67417-1	B3-F4A	Total/NA	Solid	6010B	172447
570-67417-2	B3-S8A	Total/NA	Solid	6010B	172447
MB 570-172447/1-A	Method Blank	Total/NA	Solid	6010B	172447
LCS 570-172447/2-A	Lab Control Sample	Total/NA	Solid	6010B	172447
LCSD 570-172447/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	172447

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: B3-F4A
Lab Sample ID: 570-67417-1
Date Collected: 08/17/21 12:05
Matrix: Solid
Date Received: 08/17/21 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	172447	08/18/21 15:27	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172760	08/19/21 12:46	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B3-S8A
Lab Sample ID: 570-67417-2
Date Collected: 08/17/21 12:20
Matrix: Solid
Date Received: 08/17/21 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.92 g	100 mL	172447	08/18/21 15:27	WL8G	ECL 1
Total/NA	Analysis	6010B		1			172760	08/19/21 12:48	ULPF	ECL 1
	Instrument ID: ICP8									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Job ID: 570-67417-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67417-1	B3-F4A	Solid	08/17/21 12:05	08/17/21 13:15
570-67417-2	B3-S8A	Solid	08/17/21 12:20	08/17/21 13:15

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570-67417 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 08/17/21

PAGE: 1 OF 1

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earthcon Consultants CA, Inc

ADDRESS: 1100 Town & Country Rd. Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL. 714-321-8626 E-MAIL. bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow 04.20150013.19 task #3

PROJECT CONTACT: Becky Sundilson

P.O NO

SAMPLER(S) (PRINT): LML

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☒ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
*PDF
*See Vik Patel. May need subsequent analyses depending on results

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Lead 6010				
	B3-F4A	08/17/21	1205	Soil	1	X																X					
	B3-S8A	08/17/21	1220	Soil	1	X																X					

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
[signature]	[signature]	8/17/21	1315
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

3.9/3.5 SR6

06/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-67417-1

Login Number: 67417
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67851-1
Client Project/Site: Clow Valve / 04.20150013.19 task #3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
8/23/2021 12:03:00 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Job ID: 570-67851-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67851-1

Comments
No additional comments.

Receipt
The samples were received on 8/20/2021 11:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

Metals
Method 6010B: Due to the high concentration of Lead the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-173149 and analytical batch 570-173180 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Client Sample ID: B3-S8B — Lab Sample ID: 570-67851-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	562		4.83	0.934	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6AF1 — Lab Sample ID: 570-67851-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	49.2		5.00	0.967	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6A3 — Lab Sample ID: 570-67851-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	311		4.88	0.943	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6A2 — Lab Sample ID: 570-67851-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	968		5.15	0.997	mg/Kg	1		6010B	Total/NA

Client Sample ID: B17-S6A1 — Lab Sample ID: 570-67851-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	235		5.03	0.972	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Method: 6010B - Metals (ICP)

Client Sample ID: B3-S8B
Date Collected: 08/20/21 08:26
Date Received: 08/20/21 11:55
Lab Sample ID: 570-67851-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	562		4.83	0.934	mg/Kg		08/20/21 13:20	08/20/21 16:58	1

Client Sample ID: B17-S6AF1
Date Collected: 08/20/21 09:32
Date Received: 08/20/21 11:55
Lab Sample ID: 570-67851-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	49.2		5.00	0.967	mg/Kg		08/20/21 13:20	08/20/21 17:04	1

Client Sample ID: B17-S6A3
Date Collected: 08/20/21 09:22
Date Received: 08/20/21 11:55
Lab Sample ID: 570-67851-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	311		4.88	0.943	mg/Kg		08/20/21 13:20	08/20/21 17:06	1

Client Sample ID: B17-S6A2
Date Collected: 08/20/21 09:16
Date Received: 08/20/21 11:55
Lab Sample ID: 570-67851-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	968		5.15	0.997	mg/Kg		08/20/21 13:20	08/20/21 17:08	1

Client Sample ID: B17-S6A1
Date Collected: 08/20/21 09:07
Date Received: 08/20/21 11:55
Lab Sample ID: 570-67851-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	235		5.03	0.972	mg/Kg		08/20/21 13:20	08/20/21 17:10	1

QC Sample Results

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task #3

Job ID: 570-67851-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-173149/1-A
Matrix: Solid
Analysis Batch: 173180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.03	0.972	mg/Kg		08/20/21 13:20	08/20/21 16:51	1

Lab Sample ID: LCS 570-173149/2-A
Matrix: Solid
Analysis Batch: 173180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173149

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			25.0	26.26		mg/Kg		105	80 - 120		

Lab Sample ID: LCSD 570-173149/3-A
Matrix: Solid
Analysis Batch: 173180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 173149

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			24.4	26.00		mg/Kg		107	80 - 120	1	20

Lab Sample ID: 570-67851-1 MS
Matrix: Solid
Analysis Batch: 173180

Client Sample ID: B3-S8B
Prep Type: Total/NA
Prep Batch: 173149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	562		24.3	1370	4	mg/Kg		3332	75 - 125		

Lab Sample ID: 570-67851-1 MSD
Matrix: Solid
Analysis Batch: 173180

Client Sample ID: B3-S8B
Prep Type: Total/NA
Prep Batch: 173149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	562		24.9	1415	4	mg/Kg		3429	75 - 125	3	20

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Metals

Prep Batch: 173149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67851-1	B3-S8B	Total/NA	Solid	3050B	
570-67851-2	B17-S6AF1	Total/NA	Solid	3050B	
570-67851-3	B17-S6A3	Total/NA	Solid	3050B	
570-67851-4	B17-S6A2	Total/NA	Solid	3050B	
570-67851-5	B17-S6A1	Total/NA	Solid	3050B	
MB 570-173149/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-173149/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-173149/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-67851-1 MS	B3-S8B	Total/NA	Solid	3050B	
570-67851-1 MSD	B3-S8B	Total/NA	Solid	3050B	

Analysis Batch: 173180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67851-1	B3-S8B	Total/NA	Solid	6010B	173149
570-67851-2	B17-S6AF1	Total/NA	Solid	6010B	173149
570-67851-3	B17-S6A3	Total/NA	Solid	6010B	173149
570-67851-4	B17-S6A2	Total/NA	Solid	6010B	173149
570-67851-5	B17-S6A1	Total/NA	Solid	6010B	173149
MB 570-173149/1-A	Method Blank	Total/NA	Solid	6010B	173149
LCS 570-173149/2-A	Lab Control Sample	Total/NA	Solid	6010B	173149
LCSD 570-173149/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	173149
570-67851-1 MS	B3-S8B	Total/NA	Solid	6010B	173149
570-67851-1 MSD	B3-S8B	Total/NA	Solid	6010B	173149

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Client Sample ID: B3-S8B
Lab Sample ID: 570-67851-1
Date Collected: 08/20/21 08:26
Matrix: Solid
Date Received: 08/20/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.07 g	100 mL	173149	08/20/21 13:20	WL8G	ECL 1
Total/NA	Analysis	6010B		1			173180	08/20/21 16:58	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6AF1
Lab Sample ID: 570-67851-2
Date Collected: 08/20/21 09:32
Matrix: Solid
Date Received: 08/20/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	173149	08/20/21 13:20	WL8G	ECL 1
Total/NA	Analysis	6010B		1			173180	08/20/21 17:04	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6A3
Lab Sample ID: 570-67851-3
Date Collected: 08/20/21 09:22
Matrix: Solid
Date Received: 08/20/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	100 mL	173149	08/20/21 13:20	WL8G	ECL 1
Total/NA	Analysis	6010B		1			173180	08/20/21 17:06	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6A2
Lab Sample ID: 570-67851-4
Date Collected: 08/20/21 09:16
Matrix: Solid
Date Received: 08/20/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	173149	08/20/21 13:20	WL8G	ECL 1
Total/NA	Analysis	6010B		1			173180	08/20/21 17:08	ULPF	ECL 1
	Instrument ID: ICP8									

Client Sample ID: B17-S6A1
Lab Sample ID: 570-67851-5
Date Collected: 08/20/21 09:07
Matrix: Solid
Date Received: 08/20/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	173149	08/20/21 13:20	WL8G	ECL 1
Total/NA	Analysis	6010B		1			173180	08/20/21 17:10	ULPF	ECL 1
	Instrument ID: ICP8									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Job ID: 570-67851-1
Project/Site: Clow Valve / 04.20150013.19 task #3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67851-1	B3-S8B	Solid	08/20/21 08:26	08/20/21 11:55
570-67851-2	B17-S6AF1	Solid	08/20/21 09:32	08/20/21 11:55
570-67851-3	B17-S6A3	Solid	08/20/21 09:22	08/20/21 11:55
570-67851-4	B17-S6A2	Solid	08/20/21 09:16	08/20/21 11:55
570-67851-5	B17-S6A1	Solid	08/20/21 09:07	08/20/21 11:55

Loc: 570
67851

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570-67851 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE 08/20/2021

PAGE 1 OF 1

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us

LABORATORY CLIENT: Earthcon Consultants CA, Inc.
ADDRESS: 1100 Town & Country Rd. Suite 200
CITY: Orange STATE: CA ZIP: 928168
TEL.: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: CLOW 04-20150013.19 task # 3
PO NO:
PROJECT CONTACT: Becky Sundilson
SAMPLER(S): (PRINT): CML

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☒ COELT EDF | GLOBAL ID: | ECI PROJECT NO | LOG CODE:

SPECIAL INSTRUCTIONS
*PDF
* 24hrs preferred. If not 48hr TAT
* See Vik Patel. May need subsequent analyses depending on results.

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	TPH(g) GRO	TPH(d) DRO	TPH C6-C36 C6-C44	TPH	BTEX / MTBE 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) En Core Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs 8270 8270 SIM	T22 Metals 6010/747X 6020/747X	Cr(VI) 7196 7199 218.6	Lead (6010)
1	B3-S8B	08/20/21	0826	Soil	1	X																	X
2	B17-S6AF1	08/20/21	0932	Soil	1	X																	X
3	B17-S6A3	08/20/21	0922	Soil	1	X																	X
4	B17-S6A2	08/20/21	0916	Soil	1	X																	X
5	B17-S6A1	08/20/21	0907	Soil	1	X																	X

Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
[signature]	[signature]	8-20-21	1100
[signature]	[signature]	8/20/21	1135
[signature]	[signature]	Date	Time

06/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-67851-1

Login Number: 67851
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-68151-1
Client Project/Site: Clow Valve / 04.20150013.19 task 3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
8/27/2021 9:33:23 AM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 570-68151-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-68151-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2021 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.3º C and 3.5º C.

GC/MS VOA
Method 8260B: The method blank for analytical batch 570-174177 contained 1,2,4-Trichlorobenzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260B: The initial calibration curve analyzed in batch 570-174368 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-174368.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-174368 recovered outside control limits for the following analytes: Chloromethane, Dichlorodifluoromethane and Di-isopropyl ether (DIPE).

Method 8260B: The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-174443.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-173962 and analytical batch 570-174223 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270C SIM: The method blank for preparation batch 570-173962 and analytical batch 570-174223 contained Di-n-butyl phthalate and Butyl benzyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-174450 and analytical batch 570-174574 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Copper and Zinc the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-174450 and analytical batch 570-174574 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following sample: SP-SW3-A

Job ID: 570-68151-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

(570-68151-1).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: SP-B3-A (570-68151-7), SP-B17-B (570-68151-11) and SP-B17-C (570-68151-12).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Beryllium was greater than the method reporting limit (RL) in the following samples: SP-B17-B (570-68151-11) and SP-B17-C (570-68151-12).
The instrument raw data has been manually reviewed and the result can be reported as ND.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW3-A
Lab Sample ID: 570-68151-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.1	J	20	4.6	ug/Kg	1		8260B	Total/NA
Acetone	61		20	9.9	ug/Kg	1		8260B	Total/NA
Benzene	2.5		1.0	0.26	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.54	J	2.0	0.48	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	16	J	20	7.0	ug/Kg	1		8260B	Total/NA
Toluene	1.1		1.0	0.60	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.0088	J	0.010	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.10		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.027		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.024		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.029		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
3/4-Methylphenol	0.0039	J	0.10	0.0036	mg/Kg	1		8270C SIM	Total/NA
Acenaphthene	0.098		0.010	0.00095	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.089		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzidine	0.34		0.25	0.079	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.24		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.19		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.18		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.16		0.010	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.10		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.18		0.010	0.00081	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.015		0.010	0.0024	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.29		0.010	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.040		0.010	0.0020	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.034		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.43		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.021		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.096		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.032		0.010	0.00084	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.065		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.46		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Phenol	0.028		0.010	0.0025	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.50		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
C17-C18	6.6		5.2	4.0	mg/Kg	1		8015B	Total/NA
C19-C20	32		5.2	4.0	mg/Kg	1		8015B	Total/NA
C21-C22	25		5.2	4.0	mg/Kg	1		8015B	Total/NA
C23-C24	13		5.2	4.0	mg/Kg	1		8015B	Total/NA
C25-C28	31		5.2	4.0	mg/Kg	1		8015B	Total/NA
C29-C32	43		5.2	4.0	mg/Kg	1		8015B	Total/NA
C33-C36	37		5.2	4.0	mg/Kg	1		8015B	Total/NA
C37-C40	31		5.2	4.0	mg/Kg	1		8015B	Total/NA
C41-C44	14		5.2	4.0	mg/Kg	1		8015B	Total/NA
C6-C44	230		5.2	4.0	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	110		5.2	4.0	mg/Kg	1		8015B	Total/NA
Silver	0.861	J	1.04	0.233	mg/Kg	1		6010B	Total/NA
Arsenic	3.26		2.59	2.35	mg/Kg	1		6010B	Total/NA
Barium	54.6	F1	0.518	0.230	mg/Kg	1		6010B	Total/NA
Cadmium	5.12		0.518	0.209	mg/Kg	1		6010B	Total/NA
Cobalt	6.42		1.04	0.236	mg/Kg	1		6010B	Total/NA
Chromium	18.3		1.04	0.182	mg/Kg	1		6010B	Total/NA
Copper	196		1.04	0.525	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW3-A (Continued)
Lab Sample ID: 570-68151-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	4.45		0.518	0.467	mg/Kg	1		6010B	Total/NA
Nickel	29.3	F1	0.518	0.445	mg/Kg	1		6010B	Total/NA
Antimony	3.52	F1	3.11	1.40	mg/Kg	1		6010B	Total/NA
Vanadium	6.56		1.04	0.178	mg/Kg	1		6010B	Total/NA
Zinc	641		10.4	5.30	mg/Kg	1		6010B	Total/NA
Lead	717		5.18	1.00	mg/Kg	1		6010B	Total/NA
Mercury	0.0638	J	0.0820	0.0133	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-SW3-B
Lab Sample ID: 570-68151-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	59		25	12	ug/Kg	1		8260B	Total/NA
Benzene	3.1		1.2	0.32	ug/Kg	1		8260B	Total/NA
Carbon disulfide	0.77	J	12	0.49	ug/Kg	1		8260B	Total/NA
m,p-Xylene	1.1	J	2.5	0.58	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	13	J	25	8.6	ug/Kg	1		8260B	Total/NA
Toluene	1.4		1.2	0.74	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.011		0.010	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.090		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.022		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.018		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.021		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Acenaphthene	0.0030	J	0.010	0.00096	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.0078	J	0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.017		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.015		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.025		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.023		0.010	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.016		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.017		0.010	0.00081	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.011		0.010	0.0024	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.030		0.010	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.0061	J	0.010	0.0021	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.013		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.029		0.010	0.0016	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.012		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.023		0.010	0.00085	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.010		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.044		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Phenol	0.010		0.010	0.0025	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.033		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
C19-C20	33		9.8	7.5	mg/Kg	2		8015B	Total/NA
C21-C22	29		9.8	7.5	mg/Kg	2		8015B	Total/NA
C23-C24	14		9.8	7.5	mg/Kg	2		8015B	Total/NA
C25-C28	32		9.8	7.5	mg/Kg	2		8015B	Total/NA
C29-C32	53		9.8	7.5	mg/Kg	2		8015B	Total/NA
C33-C36	50		9.8	7.5	mg/Kg	2		8015B	Total/NA
C37-C40	42		9.8	7.5	mg/Kg	2		8015B	Total/NA
C41-C44	19		9.8	7.5	mg/Kg	2		8015B	Total/NA
C6-C44	270		9.8	7.5	mg/Kg	2		8015B	Total/NA
Diesel Range Organics [C10-C28]	110		9.8	7.5	mg/Kg	2		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW3-B (Continued)
Lab Sample ID: 570-68151-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.953	J	1.05	0.236	mg/Kg	1		6010B	Total/NA
Arsenic	2.98		2.62	2.37	mg/Kg	1		6010B	Total/NA
Barium	66.2		0.524	0.232	mg/Kg	1		6010B	Total/NA
Cadmium	5.10		0.524	0.211	mg/Kg	1		6010B	Total/NA
Cobalt	5.81		1.05	0.238	mg/Kg	1		6010B	Total/NA
Chromium	18.8		1.05	0.184	mg/Kg	1		6010B	Total/NA
Copper	148		1.05	0.531	mg/Kg	1		6010B	Total/NA
Molybdenum	3.82		0.524	0.472	mg/Kg	1		6010B	Total/NA
Nickel	24.7		0.524	0.450	mg/Kg	1		6010B	Total/NA
Antimony	4.08		3.14	1.42	mg/Kg	1		6010B	Total/NA
Vanadium	6.51		1.05	0.180	mg/Kg	1		6010B	Total/NA
Zinc	618		10.5	5.36	mg/Kg	1		6010B	Total/NA
Lead	729		5.24	1.01	mg/Kg	1		6010B	Total/NA
Mercury	0.0356	J	0.0833	0.0135	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-SW3-C
Lab Sample ID: 570-68151-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	11		2.4	0.71	ug/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	2.6		2.4	0.71	ug/Kg	1		8260B	Total/NA
2-Butanone	8.6	J	24	5.3	ug/Kg	1		8260B	Total/NA
Acetone	39		24	12	ug/Kg	1		8260B	Total/NA
Benzene	2.9		1.2	0.30	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.36	J	1.2	0.24	ug/Kg	1		8260B	Total/NA
Naphthalene	7.5	J	12	6.2	ug/Kg	1		8260B	Total/NA
n-Butylbenzene	2.0		1.2	0.25	ug/Kg	1		8260B	Total/NA
o-Xylene	3.8		1.2	0.71	ug/Kg	1		8260B	Total/NA
m,p-Xylene	2.7		2.4	0.56	ug/Kg	1		8260B	Total/NA
sec-Butylbenzene	1.2		1.2	0.71	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	13	J	24	8.3	ug/Kg	1		8260B	Total/NA
Toluene	1.4		1.2	0.71	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.012		0.010	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,2-Dichlorobenzene	0.0022	J	0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.073		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.021		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.022		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.0060	J	0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.012		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.0091	J	0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.020		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.020		0.010	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.013		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.013		0.010	0.00081	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.0098	J	0.010	0.0024	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.024		0.010	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.0054	J	0.010	0.0021	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.011		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.022		0.010	0.0016	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.0092	J	0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.021		0.010	0.00084	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.0056	J	0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW3-C (Continued)
Lab Sample ID: 570-68151-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.034		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.022		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
C19-C20	21	J	25	19	mg/Kg	5		8015B	Total/NA
C21-C22	26		25	19	mg/Kg	5		8015B	Total/NA
C25-C28	33		25	19	mg/Kg	5		8015B	Total/NA
C33-C36	65		25	19	mg/Kg	5		8015B	Total/NA
C37-C40	58		25	19	mg/Kg	5		8015B	Total/NA
C41-C44	27		25	19	mg/Kg	5		8015B	Total/NA
C6-C44	300		25	19	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	92		25	19	mg/Kg	5		8015B	Total/NA
Silver	0.514	J	0.952	0.214	mg/Kg	1		6010B	Total/NA
Barium	40.6		0.476	0.211	mg/Kg	1		6010B	Total/NA
Cadmium	2.46		0.476	0.192	mg/Kg	1		6010B	Total/NA
Cobalt	4.15		0.952	0.216	mg/Kg	1		6010B	Total/NA
Chromium	11.5		0.952	0.167	mg/Kg	1		6010B	Total/NA
Copper	206		0.952	0.483	mg/Kg	1		6010B	Total/NA
Molybdenum	2.79		0.476	0.429	mg/Kg	1		6010B	Total/NA
Nickel	20.6		0.476	0.409	mg/Kg	1		6010B	Total/NA
Antimony	2.74	J	2.86	1.29	mg/Kg	1		6010B	Total/NA
Vanadium	3.97		0.952	0.163	mg/Kg	1		6010B	Total/NA
Zinc	424		9.52	4.87	mg/Kg	1		6010B	Total/NA
Lead	359		4.76	0.921	mg/Kg	1		6010B	Total/NA
Mercury	0.0442	J	0.0862	0.0140	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-SW2-A
Lab Sample ID: 570-68151-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.5	J	23	5.1	ug/Kg	1		8260B	Total/NA
Acetone	46		23	11	ug/Kg	1		8260B	Total/NA
Benzene	2.4		1.1	0.29	ug/Kg	1		8260B	Total/NA
Toluene	0.85	J	1.1	0.68	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.0075	J	0.010	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,2-Dichlorobenzene	0.0033	J	0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
1,3-Dichlorobenzene	0.0049	J	0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
1,4-Dichlorobenzene	0.0022	J	0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.26		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.083		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
1-Methylphenanthrene	0.038		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.087		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.10		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
3/4-Methylphenol	0.0055	J	0.10	0.0036	mg/Kg	1		8270C SIM	Total/NA
Acenaphthene	0.0050	J	0.010	0.00095	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.012		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.058		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.072		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.11		0.010	0.0016	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.10		0.010	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.068		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.077		0.010	0.00081	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.038		0.010	0.0024	mg/Kg	1		8270C SIM	Total/NA
Butyl benzyl phthalate	0.0073	J B	0.25	0.0013	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW2-A (Continued)
Lab Sample ID: 570-68151-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.094		0.010	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.023		0.010	0.0020	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.033		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.074		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
Hexachlorobenzene	0.0033	J	0.010	0.00091	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.056		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.090		0.010	0.00084	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.028		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.11		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.078		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
C15-C16	6.5		5.1	4.0	mg/Kg	1		8015B	Total/NA
C17-C18	13		5.1	4.0	mg/Kg	1		8015B	Total/NA
C19-C20	20		5.1	4.0	mg/Kg	1		8015B	Total/NA
C21-C22	21		5.1	4.0	mg/Kg	1		8015B	Total/NA
C23-C24	20		5.1	4.0	mg/Kg	1		8015B	Total/NA
C25-C28	55		5.1	4.0	mg/Kg	1		8015B	Total/NA
C29-C32	62		5.1	4.0	mg/Kg	1		8015B	Total/NA
C33-C36	40		5.1	4.0	mg/Kg	1		8015B	Total/NA
C37-C40	22		5.1	4.0	mg/Kg	1		8015B	Total/NA
C6-C44	250		5.1	4.0	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	130		5.1	4.0	mg/Kg	1		8015B	Total/NA
Silver	5.80		1.04	0.235	mg/Kg	1		6010B	Total/NA
Arsenic	7.60		2.60	2.36	mg/Kg	1		6010B	Total/NA
Barium	57.2		0.521	0.231	mg/Kg	1		6010B	Total/NA
Cadmium	11.3		0.521	0.210	mg/Kg	1		6010B	Total/NA
Cobalt	6.91		1.04	0.237	mg/Kg	1		6010B	Total/NA
Chromium	22.7		1.04	0.183	mg/Kg	1		6010B	Total/NA
Copper	1600		1.04	0.528	mg/Kg	1		6010B	Total/NA
Molybdenum	3.93		0.521	0.469	mg/Kg	1		6010B	Total/NA
Nickel	53.7		0.521	0.447	mg/Kg	1		6010B	Total/NA
Antimony	13.2		3.13	1.41	mg/Kg	1		6010B	Total/NA
Vanadium	7.77		1.04	0.179	mg/Kg	1		6010B	Total/NA
Zinc	1190		10.4	5.33	mg/Kg	1		6010B	Total/NA
Lead	2010		5.21	1.01	mg/Kg	1		6010B	Total/NA
Mercury	0.0368	J	0.0806	0.0131	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-SW2-B
Lab Sample ID: 570-68151-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.0	J	22	5.1	ug/Kg	1		8260B	Total/NA
Acetone	59		22	11	ug/Kg	1		8260B	Total/NA
Benzene	2.7		1.1	0.29	ug/Kg	1		8260B	Total/NA
Chlorobenzene	0.32	J	1.1	0.30	ug/Kg	1		8260B	Total/NA
Toluene	1.1		1.1	0.67	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.0078	J	0.0099	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,2-Dichlorobenzene	0.0037	J	0.0099	0.0013	mg/Kg	1		8270C SIM	Total/NA
1,3-Dichlorobenzene	0.0060	J	0.0099	0.0014	mg/Kg	1		8270C SIM	Total/NA
1,4-Dichlorobenzene	0.0033	J	0.0099	0.0017	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.30		0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.10		0.0099	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.13		0.0099	0.0012	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW2-B (Continued)
Lab Sample ID: 570-68151-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3/4-Methylphenol	0.0070	J	0.099	0.0036	mg/Kg	1		8270C SIM	Total/NA
Acenaphthylene	0.0095	J	0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.013		0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.041		0.0099	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.037		0.0099	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.073		0.0099	0.0016	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.073		0.0099	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.045		0.0099	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.050		0.0099	0.00080	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.057		0.0099	0.0024	mg/Kg	1		8270C SIM	Total/NA
Butyl benzyl phthalate	0.0099	J B	0.25	0.0013	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.082		0.0099	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.017		0.0099	0.0020	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.040		0.0099	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.077		0.0099	0.0015	mg/Kg	1		8270C SIM	Total/NA
Hexachlorobenzene	0.0057	J	0.0099	0.00090	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.037		0.0099	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.12		0.0099	0.00084	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.016		0.0099	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.12		0.0099	0.0018	mg/Kg	1		8270C SIM	Total/NA
Phenol	0.017		0.0099	0.0025	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.084		0.0099	0.0015	mg/Kg	1		8270C SIM	Total/NA
C13-C14	7.3		4.9	3.8	mg/Kg	1		8015B	Total/NA
C15-C16	22		4.9	3.8	mg/Kg	1		8015B	Total/NA
C17-C18	38		4.9	3.8	mg/Kg	1		8015B	Total/NA
C19-C20	49		4.9	3.8	mg/Kg	1		8015B	Total/NA
C21-C22	45		4.9	3.8	mg/Kg	1		8015B	Total/NA
C23-C24	36		4.9	3.8	mg/Kg	1		8015B	Total/NA
C25-C28	70		4.9	3.8	mg/Kg	1		8015B	Total/NA
C29-C32	75		4.9	3.8	mg/Kg	1		8015B	Total/NA
C33-C36	48		4.9	3.8	mg/Kg	1		8015B	Total/NA
C37-C40	26		4.9	3.8	mg/Kg	1		8015B	Total/NA
C6-C44	410		4.9	3.8	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	270		4.9	3.8	mg/Kg	1		8015B	Total/NA
Silver	6.49		1.01	0.226	mg/Kg	1		6010B	Total/NA
Arsenic	6.19		2.51	2.28	mg/Kg	1		6010B	Total/NA
Barium	43.2		0.503	0.223	mg/Kg	1		6010B	Total/NA
Cadmium	10.9		0.503	0.203	mg/Kg	1		6010B	Total/NA
Cobalt	4.64		1.01	0.228	mg/Kg	1		6010B	Total/NA
Chromium	13.8		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	4420		1.01	0.510	mg/Kg	1		6010B	Total/NA
Molybdenum	2.89		0.503	0.453	mg/Kg	1		6010B	Total/NA
Nickel	53.3		0.503	0.432	mg/Kg	1		6010B	Total/NA
Antimony	16.3		3.02	1.36	mg/Kg	1		6010B	Total/NA
Vanadium	5.30		1.01	0.173	mg/Kg	1		6010B	Total/NA
Zinc	1180		10.1	5.14	mg/Kg	1		6010B	Total/NA
Lead	2090		5.03	0.972	mg/Kg	1		6010B	Total/NA
Mercury	0.0495	J	0.0877	0.0142	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW2-C
Lab Sample ID: 570-68151-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	23	J	24	5.3	ug/Kg	1		8260B	Total/NA
Acetone	130		24	12	ug/Kg	1		8260B	Total/NA
Benzene	3.0		1.2	0.30	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	8.7	J	24	8.3	ug/Kg	1		8260B	Total/NA
Toluene	1.1	J	1.2	0.71	ug/Kg	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.0076	J	0.010	0.0029	mg/Kg	1		8270C SIM	Total/NA
1,3-Dichlorobenzene	0.0036	J	0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
1,6,7-Trimethylnaphthalene	0.18		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.056		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.054		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.067		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Acenaphthene	0.0060	J	0.010	0.00096	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.016		0.010	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.064		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.061		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.095		0.010	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.091		0.010	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.060		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.072		0.010	0.00081	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.027		0.010	0.0024	mg/Kg	1		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.028	J	0.25	0.028	mg/Kg	1		8270C SIM	Total/NA
Butyl benzyl phthalate	0.016	J B	0.25	0.0013	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.10		0.010	0.0022	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.023		0.010	0.0021	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.023		0.010	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.10		0.010	0.0016	mg/Kg	1		8270C SIM	Total/NA
Hexachlorobenzene	0.0070	J	0.010	0.00091	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.050		0.010	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.060		0.010	0.00084	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.033		0.010	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.097		0.010	0.0018	mg/Kg	1		8270C SIM	Total/NA
Phenol	0.053		0.010	0.0025	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.11		0.010	0.0015	mg/Kg	1		8270C SIM	Total/NA
C15-C16	12		4.9	3.8	mg/Kg	1		8015B	Total/NA
C17-C18	26		4.9	3.8	mg/Kg	1		8015B	Total/NA
C19-C20	30		4.9	3.8	mg/Kg	1		8015B	Total/NA
C21-C22	27		4.9	3.8	mg/Kg	1		8015B	Total/NA
C23-C24	24		4.9	3.8	mg/Kg	1		8015B	Total/NA
C25-C28	53		4.9	3.8	mg/Kg	1		8015B	Total/NA
C29-C32	58		4.9	3.8	mg/Kg	1		8015B	Total/NA
C33-C36	44		4.9	3.8	mg/Kg	1		8015B	Total/NA
C37-C40	25		4.9	3.8	mg/Kg	1		8015B	Total/NA
C41-C44	6.9		4.9	3.8	mg/Kg	1		8015B	Total/NA
C6-C44	300		4.9	3.8	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	170		4.9	3.8	mg/Kg	1		8015B	Total/NA
Silver	5.78		1.02	0.229	mg/Kg	1		6010B	Total/NA
Arsenic	4.58		2.54	2.30	mg/Kg	1		6010B	Total/NA
Barium	45.0		0.508	0.225	mg/Kg	1		6010B	Total/NA
Cadmium	9.98		0.508	0.205	mg/Kg	1		6010B	Total/NA
Cobalt	4.33		1.02	0.231	mg/Kg	1		6010B	Total/NA
Chromium	12.0		1.02	0.178	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-SW2-C (Continued)
Lab Sample ID: 570-68151-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	308		1.02	0.515	mg/Kg	1		6010B	Total/NA
Molybdenum	2.31		0.508	0.457	mg/Kg	1		6010B	Total/NA
Nickel	17.4		0.508	0.436	mg/Kg	1		6010B	Total/NA
Antimony	8.79		3.05	1.38	mg/Kg	1		6010B	Total/NA
Vanadium	7.17		1.02	0.174	mg/Kg	1		6010B	Total/NA
Zinc	788		10.2	5.19	mg/Kg	1		6010B	Total/NA
Lead	1420		5.08	0.982	mg/Kg	1		6010B	Total/NA
Mercury	0.251		0.0833	0.0135	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B3-A
Lab Sample ID: 570-68151-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	7.5	J	19	4.3	ug/Kg	1		8260B	Total/NA
Acetone	81		19	9.3	ug/Kg	1		8260B	Total/NA
Benzene	2.1		0.95	0.24	ug/Kg	1		8260B	Total/NA
Naphthalene	6.4	J	9.5	4.9	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.54	J	1.9	0.45	ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	0.68	J	0.95	0.66	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	7.8	J	19	6.6	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	0.83	J	0.95	0.21	ug/Kg	1		8260B	Total/NA
Toluene	1.4		0.95	0.57	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.016		0.0099	0.0018	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	0.023		0.0099	0.0014	mg/Kg	1		8270C SIM	Total/NA
1-Methylphenanthrene	0.036		0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.011		0.0099	0.0017	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.036		0.0099	0.0012	mg/Kg	1		8270C SIM	Total/NA
3/4-Methylphenol	0.0061	J	0.099	0.0035	mg/Kg	1		8270C SIM	Total/NA
Acenaphthene	0.039		0.0099	0.00094	mg/Kg	1		8270C SIM	Total/NA
Acenaphthylene	0.019		0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.099		0.0099	0.0019	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.51		0.0099	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.61		0.0099	0.0017	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.53		0.0099	0.0016	mg/Kg	1		8270C SIM	Total/NA
Benzo[e]pyrene	0.55		0.0099	0.0038	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.41		0.0099	0.0018	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.53		0.0099	0.00080	mg/Kg	1		8270C SIM	Total/NA
Biphenyl	0.017		0.0099	0.0024	mg/Kg	1		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.046	J	0.25	0.027	mg/Kg	1		8270C SIM	Total/NA
Butyl benzyl phthalate	0.040	J B	0.25	0.0013	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.55		0.0099	0.0021	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.16		0.0099	0.0020	mg/Kg	1		8270C SIM	Total/NA
Dibenzofuran	0.022		0.0099	0.0014	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.55		0.0099	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.024		0.0099	0.0012	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.37		0.0099	0.0012	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.086		0.0099	0.00083	mg/Kg	1		8270C SIM	Total/NA
Perylene	0.16		0.0099	0.0013	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.34		0.0099	0.0018	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.66		0.0099	0.0015	mg/Kg	1		8270C SIM	Total/NA
C19-C20	8.1	J	9.8	7.6	mg/Kg	2		8015B	Total/NA
C21-C22	12		9.8	7.6	mg/Kg	2		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B3-A (Continued)
Lab Sample ID: 570-68151-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C24	14		9.8	7.6	mg/Kg	2		8015B	Total/NA
C25-C28	39		9.8	7.6	mg/Kg	2		8015B	Total/NA
C29-C32	49		9.8	7.6	mg/Kg	2		8015B	Total/NA
C33-C36	35		9.8	7.6	mg/Kg	2		8015B	Total/NA
C37-C40	22		9.8	7.6	mg/Kg	2		8015B	Total/NA
C41-C44	7.9	J	9.8	7.6	mg/Kg	2		8015B	Total/NA
C6-C44	180		9.8	7.6	mg/Kg	2		8015B	Total/NA
Diesel Range Organics [C10-C28]	74		9.8	7.6	mg/Kg	2		8015B	Total/NA
Silver	1.63		1.16	0.261	mg/Kg	1		6010B	Total/NA
Arsenic	9.56		2.90	2.63	mg/Kg	1		6010B	Total/NA
Barium	81.7		0.580	0.257	mg/Kg	1		6010B	Total/NA
Cadmium	3.13		0.580	0.234	mg/Kg	1		6010B	Total/NA
Cobalt	6.74		1.16	0.264	mg/Kg	1		6010B	Total/NA
Chromium	15.3		1.16	0.204	mg/Kg	1		6010B	Total/NA
Copper	3000		1.16	0.588	mg/Kg	1		6010B	Total/NA
Molybdenum	2.44		0.580	0.523	mg/Kg	1		6010B	Total/NA
Nickel	36.8		0.580	0.498	mg/Kg	1		6010B	Total/NA
Antimony	5.63		3.48	1.57	mg/Kg	1		6010B	Total/NA
Vanadium	12.4		1.16	0.199	mg/Kg	1		6010B	Total/NA
Zinc	684		11.6	5.94	mg/Kg	1		6010B	Total/NA
Lead	570		5.80	1.12	mg/Kg	1		6010B	Total/NA
Mercury	0.133		0.0820	0.0133	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B3-B
Lab Sample ID: 570-68151-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.1	J	18	4.0	ug/Kg	1		8260B	Total/NA
Acetone	50		18	8.7	ug/Kg	1		8260B	Total/NA
Benzene	1.6		0.88	0.23	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	6.9	J	18	6.2	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	0.66	J	0.88	0.20	ug/Kg	1		8260B	Total/NA
Toluene	1.0		0.88	0.53	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.058	J	0.099	0.019	mg/Kg	10		8270C SIM	Total/NA
1-Methylnaphthalene	0.039	J	0.099	0.014	mg/Kg	10		8270C SIM	Total/NA
1-Methylphenanthrene	0.44		0.099	0.019	mg/Kg	10		8270C SIM	Total/NA
2-Methylnaphthalene	0.064	J	0.099	0.012	mg/Kg	10		8270C SIM	Total/NA
Acenaphthene	0.11		0.099	0.0095	mg/Kg	10		8270C SIM	Total/NA
Acenaphthylene	0.090	J	0.099	0.019	mg/Kg	10		8270C SIM	Total/NA
Anthracene	0.76		0.099	0.019	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	1.3		0.099	0.013	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	0.42		0.099	0.017	mg/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.52		0.099	0.016	mg/Kg	10		8270C SIM	Total/NA
Benzo[e]pyrene	0.44		0.099	0.038	mg/Kg	10		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.18		0.099	0.018	mg/Kg	10		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.46		0.099	0.0080	mg/Kg	10		8270C SIM	Total/NA
Biphenyl	0.036	J	0.099	0.024	mg/Kg	10		8270C SIM	Total/NA
Chrysene	1.3		0.099	0.022	mg/Kg	10		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.075	J	0.099	0.020	mg/Kg	10		8270C SIM	Total/NA
Dibenzofuran	0.10		0.099	0.014	mg/Kg	10		8270C SIM	Total/NA
Dibenzothiophene	0.16		0.099	0.017	mg/Kg	10		8270C SIM	Total/NA
Di-n-butyl phthalate	0.065	J B	2.5	0.012	mg/Kg	10		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B3-B (Continued)
Lab Sample ID: 570-68151-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	5.4		0.099	0.015	mg/Kg	10		8270C SIM	Total/NA
Fluorene	0.15		0.099	0.012	mg/Kg	10		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.099	0.012	mg/Kg	10		8270C SIM	Total/NA
Naphthalene	0.16		0.099	0.0083	mg/Kg	10		8270C SIM	Total/NA
Perylene	0.095	J	0.099	0.013	mg/Kg	10		8270C SIM	Total/NA
Phenanthrene	2.9		0.099	0.018	mg/Kg	10		8270C SIM	Total/NA
Phenol	1.3		0.099	0.024	mg/Kg	10		8270C SIM	Total/NA
Pyrene	5.4		0.099	0.015	mg/Kg	10		8270C SIM	Total/NA
C19-C20	8.5	J	9.4	7.2	mg/Kg	2		8015B	Total/NA
C21-C22	12		9.4	7.2	mg/Kg	2		8015B	Total/NA
C23-C24	12		9.4	7.2	mg/Kg	2		8015B	Total/NA
C25-C28	36		9.4	7.2	mg/Kg	2		8015B	Total/NA
C29-C32	47		9.4	7.2	mg/Kg	2		8015B	Total/NA
C33-C36	35		9.4	7.2	mg/Kg	2		8015B	Total/NA
C37-C40	19		9.4	7.2	mg/Kg	2		8015B	Total/NA
C6-C44	170		9.4	7.2	mg/Kg	2		8015B	Total/NA
Diesel Range Organics [C10-C28]	73		9.4	7.2	mg/Kg	2		8015B	Total/NA
Silver	0.567	J	0.976	0.220	mg/Kg	1		6010B	Total/NA
Arsenic	5.42		2.44	2.21	mg/Kg	1		6010B	Total/NA
Barium	68.3		0.488	0.216	mg/Kg	1		6010B	Total/NA
Cadmium	3.57		0.488	0.197	mg/Kg	1		6010B	Total/NA
Cobalt	5.73		0.976	0.222	mg/Kg	1		6010B	Total/NA
Chromium	15.4		0.976	0.171	mg/Kg	1		6010B	Total/NA
Copper	1060		0.976	0.495	mg/Kg	1		6010B	Total/NA
Molybdenum	2.38		0.488	0.440	mg/Kg	1		6010B	Total/NA
Nickel	21.3		0.488	0.419	mg/Kg	1		6010B	Total/NA
Antimony	3.73		2.93	1.32	mg/Kg	1		6010B	Total/NA
Vanadium	10.8		0.976	0.167	mg/Kg	1		6010B	Total/NA
Zinc	754		9.76	4.99	mg/Kg	1		6010B	Total/NA
Lead	529		4.88	0.943	mg/Kg	1		6010B	Total/NA
Mercury	0.334		0.0847	0.0137	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B3-C
Lab Sample ID: 570-68151-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	9.7	J	18	4.0	ug/Kg	1		8260B	Total/NA
Acetone	65		18	8.8	ug/Kg	1		8260B	Total/NA
Benzene	1.6		0.89	0.23	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	8.6	J	18	6.3	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	0.27	J	0.89	0.20	ug/Kg	1		8260B	Total/NA
Toluene	0.73	J	0.89	0.54	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.034		0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
1-Methylnaphthalene	0.020		0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.030		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
2-Methylphenol	0.0083	J	0.50	0.0055	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.018	J	0.020	0.0019	mg/Kg	2		8270C SIM	Total/NA
Acenaphthylene	0.018	J	0.020	0.0039	mg/Kg	2		8270C SIM	Total/NA
Aniline	0.014	J	0.020	0.011	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.023		0.020	0.0038	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.059		0.020	0.0025	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	0.054		0.020	0.0035	mg/Kg	2		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B3-C (Continued)
Lab Sample ID: 570-68151-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.070		0.020	0.0033	mg/Kg	2		8270C SIM	Total/NA
Benzo[e]pyrene	0.061		0.020	0.0076	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.044		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.049		0.020	0.0016	mg/Kg	2		8270C SIM	Total/NA
Biphenyl	0.013	J	0.020	0.0048	mg/Kg	2		8270C SIM	Total/NA
Chrysene	0.066		0.020	0.0043	mg/Kg	2		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.016	J	0.020	0.0041	mg/Kg	2		8270C SIM	Total/NA
Dibenzofuran	0.015	J	0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
Di-n-butyl phthalate	0.064	J B	0.50	0.0025	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	0.11		0.020	0.0031	mg/Kg	2		8270C SIM	Total/NA
Fluorene	0.0066	J	0.020	0.0023	mg/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.037		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.046		0.020	0.0017	mg/Kg	2		8270C SIM	Total/NA
Perylene	0.018	J	0.020	0.0027	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	0.077		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Phenol	0.28		0.020	0.0049	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.10		0.020	0.0030	mg/Kg	2		8270C SIM	Total/NA
C19-C20	33		26	20	mg/Kg	5		8015B	Total/NA
C21-C22	33		26	20	mg/Kg	5		8015B	Total/NA
C25-C28	32		26	20	mg/Kg	5		8015B	Total/NA
C33-C36	37		26	20	mg/Kg	5		8015B	Total/NA
C37-C40	27		26	20	mg/Kg	5		8015B	Total/NA
C6-C44	230		26	20	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	120		26	20	mg/Kg	5		8015B	Total/NA
Silver	0.334	J	1.01	0.227	mg/Kg	1		6010B	Total/NA
Arsenic	9.25		2.52	2.29	mg/Kg	1		6010B	Total/NA
Barium	52.4		0.505	0.224	mg/Kg	1		6010B	Total/NA
Cadmium	2.24		0.505	0.204	mg/Kg	1		6010B	Total/NA
Cobalt	4.13		1.01	0.230	mg/Kg	1		6010B	Total/NA
Chromium	10.1		1.01	0.177	mg/Kg	1		6010B	Total/NA
Copper	270		1.01	0.512	mg/Kg	1		6010B	Total/NA
Molybdenum	2.41		0.505	0.455	mg/Kg	1		6010B	Total/NA
Nickel	15.9		0.505	0.433	mg/Kg	1		6010B	Total/NA
Antimony	3.10		3.03	1.37	mg/Kg	1		6010B	Total/NA
Vanadium	6.47		1.01	0.173	mg/Kg	1		6010B	Total/NA
Zinc	331		10.1	5.16	mg/Kg	1		6010B	Total/NA
Lead	358		5.05	0.976	mg/Kg	1		6010B	Total/NA
Mercury	0.175		0.0794	0.0129	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B17-A
Lab Sample ID: 570-68151-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.63	J	1.8	0.55	ug/Kg	1		8260B	Total/NA
2-Butanone	7.6	J	18	4.1	ug/Kg	1		8260B	Total/NA
Acetone	60		18	9.0	ug/Kg	1		8260B	Total/NA
Benzene	2.2		0.92	0.24	ug/Kg	1		8260B	Total/NA
Carbon disulfide	0.77	J	9.2	0.37	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.42	J	0.92	0.19	ug/Kg	1		8260B	Total/NA
Naphthalene	7.2	J	9.2	4.8	ug/Kg	1		8260B	Total/NA
n-Butylbenzene	0.55	J	0.92	0.19	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.91	J	1.8	0.43	ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B17-A (Continued)
Lab Sample ID: 570-68151-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol (TBA)	32		18	6.4	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	0.66	J	0.92	0.20	ug/Kg	1		8260B	Total/NA
Toluene	2.0		0.92	0.55	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.0094	J	0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
1-Methylnaphthalene	0.076		0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.13		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.0068	J	0.020	0.0019	mg/Kg	2		8270C SIM	Total/NA
Acenaphthylene	0.0084	J	0.020	0.0039	mg/Kg	2		8270C SIM	Total/NA
Aniline	0.043		0.020	0.011	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.017	J	0.020	0.0038	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.044		0.020	0.0026	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	0.044		0.020	0.0035	mg/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.055		0.020	0.0033	mg/Kg	2		8270C SIM	Total/NA
Benzo[e]pyrene	0.057		0.020	0.0076	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.049		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.043		0.020	0.0016	mg/Kg	2		8270C SIM	Total/NA
Biphenyl	0.085		0.020	0.0048	mg/Kg	2		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.14	J	0.50	0.055	mg/Kg	2		8270C SIM	Total/NA
Butyl benzyl phthalate	0.016	J B	0.50	0.0026	mg/Kg	2		8270C SIM	Total/NA
Chrysene	0.050		0.020	0.0043	mg/Kg	2		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.012	J	0.020	0.0041	mg/Kg	2		8270C SIM	Total/NA
Dibenzofuran	0.021		0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
Di-n-butyl phthalate	0.022	J B	0.50	0.0025	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	0.083		0.020	0.0031	mg/Kg	2		8270C SIM	Total/NA
Fluorene	0.0056	J	0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.038		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.49		0.020	0.0017	mg/Kg	2		8270C SIM	Total/NA
Perylene	0.016	J	0.020	0.0027	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	0.062		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Phenol	3.4		0.020	0.0049	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.083		0.020	0.0030	mg/Kg	2		8270C SIM	Total/NA
C11-C12	6.6		4.9	3.8	mg/Kg	1		8015B	Total/NA
C19-C20	5.8		4.9	3.8	mg/Kg	1		8015B	Total/NA
C21-C22	7.0		4.9	3.8	mg/Kg	1		8015B	Total/NA
C23-C24	5.1		4.9	3.8	mg/Kg	1		8015B	Total/NA
C25-C28	12		4.9	3.8	mg/Kg	1		8015B	Total/NA
C33-C36	8.8		4.9	3.8	mg/Kg	1		8015B	Total/NA
C37-C40	3.8	J	4.9	3.8	mg/Kg	1		8015B	Total/NA
C6-C44	58		4.9	3.8	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	39		4.9	3.8	mg/Kg	1		8015B	Total/NA
Silver	1.27		1.11	0.249	mg/Kg	1		6010B	Total/NA
Arsenic	5.23		2.76	2.50	mg/Kg	1		6010B	Total/NA
Barium	41.8		0.553	0.245	mg/Kg	1		6010B	Total/NA
Cadmium	5.07		0.553	0.223	mg/Kg	1		6010B	Total/NA
Cobalt	4.88		1.11	0.251	mg/Kg	1		6010B	Total/NA
Chromium	16.5		1.11	0.194	mg/Kg	1		6010B	Total/NA
Copper	3030		1.11	0.560	mg/Kg	1		6010B	Total/NA
Molybdenum	2.59		0.553	0.498	mg/Kg	1		6010B	Total/NA
Nickel	43.2		0.553	0.475	mg/Kg	1		6010B	Total/NA
Antimony	4.74		3.32	1.50	mg/Kg	1		6010B	Total/NA
Vanadium	9.33		1.11	0.190	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B17-A (Continued)
Lab Sample ID: 570-68151-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	1590		11.1	5.65	mg/Kg	1		6010B	Total/NA
Lead	631		5.53	1.07	mg/Kg	1		6010B	Total/NA
Mercury	0.335		0.0877	0.0142	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B17-B
Lab Sample ID: 570-68151-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.57	J	1.7	0.51	ug/Kg	1		8260B	Total/NA
2-Butanone	9.0	J	17	3.9	ug/Kg	1		8260B	Total/NA
Acetone	90		17	8.4	ug/Kg	1		8260B	Total/NA
Benzene	2.0		0.85	0.22	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.42	J	0.85	0.18	ug/Kg	1		8260B	Total/NA
Naphthalene	6.5	J	8.5	4.5	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.78	J	1.7	0.40	ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	6.2		0.85	0.60	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	34		17	6.0	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	1.0		0.85	0.19	ug/Kg	1		8260B	Total/NA
Toluene	2.1		0.85	0.51	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.015	J	0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
1-Methylnaphthalene	0.061		0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
1-Methylphenanthrene	0.041		0.020	0.0038	mg/Kg	2		8270C SIM	Total/NA
2,6-Dinitrotoluene	0.0083	J	0.020	0.0039	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.11		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
3/4-Methylphenol	0.017	J	0.20	0.0072	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.021		0.020	0.0019	mg/Kg	2		8270C SIM	Total/NA
Acenaphthylene	0.051		0.020	0.0039	mg/Kg	2		8270C SIM	Total/NA
Aniline	0.086		0.020	0.011	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.11		0.020	0.0038	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.24		0.020	0.0026	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	0.23		0.020	0.0035	mg/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.26		0.020	0.0033	mg/Kg	2		8270C SIM	Total/NA
Benzo[e]pyrene	0.25		0.020	0.0076	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.22		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.20		0.020	0.0016	mg/Kg	2		8270C SIM	Total/NA
Biphenyl	0.065		0.020	0.0048	mg/Kg	2		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.12	J	0.50	0.055	mg/Kg	2		8270C SIM	Total/NA
Butyl benzyl phthalate	0.015	J B	0.50	0.0026	mg/Kg	2		8270C SIM	Total/NA
Chrysene	0.26		0.020	0.0043	mg/Kg	2		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.064		0.020	0.0041	mg/Kg	2		8270C SIM	Total/NA
Dibenzofuran	0.038		0.020	0.0029	mg/Kg	2		8270C SIM	Total/NA
Dimethyl phthalate	0.014	J	0.50	0.0057	mg/Kg	2		8270C SIM	Total/NA
Di-n-butyl phthalate	0.028	J B	0.50	0.0025	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	0.37		0.020	0.0031	mg/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.29		0.020	0.0017	mg/Kg	2		8270C SIM	Total/NA
N-Nitrosodiphenylamine	0.011	J	0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
Perylene	0.074		0.020	0.0027	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	0.20		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Phenol	1.9		0.020	0.0050	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.43		0.020	0.0030	mg/Kg	2		8270C SIM	Total/NA
C25-C28	36		25	19	mg/Kg	5		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B17-B (Continued)
Lab Sample ID: 570-68151-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C33-C36	35		25	19	mg/Kg	5		8015B	Total/NA
C6-C44	170		25	19	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	76		25	19	mg/Kg	5		8015B	Total/NA
Silver	0.780	J	0.971	0.219	mg/Kg	1		6010B	Total/NA
Arsenic	7.13		2.43	2.20	mg/Kg	1		6010B	Total/NA
Barium	98.6		0.485	0.215	mg/Kg	1		6010B	Total/NA
Cadmium	3.48		0.485	0.196	mg/Kg	1		6010B	Total/NA
Cobalt	7.72		0.971	0.221	mg/Kg	1		6010B	Total/NA
Chromium	21.2		0.971	0.171	mg/Kg	1		6010B	Total/NA
Copper	1240		0.971	0.492	mg/Kg	1		6010B	Total/NA
Molybdenum	3.99		0.485	0.437	mg/Kg	1		6010B	Total/NA
Nickel	32.8		0.485	0.417	mg/Kg	1		6010B	Total/NA
Antimony	8.30		2.91	1.32	mg/Kg	1		6010B	Total/NA
Vanadium	11.9		0.971	0.167	mg/Kg	1		6010B	Total/NA
Zinc	895		9.71	4.97	mg/Kg	1		6010B	Total/NA
Lead	673		4.85	0.939	mg/Kg	1		6010B	Total/NA
Mercury	0.214		0.0862	0.0140	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-B17-C
Lab Sample ID: 570-68151-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.1	J	17	3.7	ug/Kg	1		8260B	Total/NA
Acetone	63		17	8.2	ug/Kg	1		8260B	Total/NA
Benzene	1.1		0.83	0.21	ug/Kg	1		8260B	Total/NA
Carbon disulfide	0.49	J	8.3	0.33	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	11	J	17	5.8	ug/Kg	1		8260B	Total/NA
Toluene	0.65	J	0.83	0.50	ug/Kg	1		8260B	Total/NA
1,6,7-Trimethylnaphthalene	0.022		0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
1-Methylnaphthalene	0.056		0.020	0.0028	mg/Kg	2		8270C SIM	Total/NA
1-Methylphenanthrene	0.088		0.020	0.0037	mg/Kg	2		8270C SIM	Total/NA
2,6-Dimethylnaphthalene	0.016	J	0.020	0.0034	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.088		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
3/4-Methylphenol	0.014	J	0.20	0.0070	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.026		0.020	0.0019	mg/Kg	2		8270C SIM	Total/NA
Acenaphthylene	0.051		0.020	0.0039	mg/Kg	2		8270C SIM	Total/NA
Aniline	0.047		0.020	0.011	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.18		0.020	0.0038	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	1.1		0.020	0.0025	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	0.99		0.020	0.0034	mg/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.87		0.020	0.0033	mg/Kg	2		8270C SIM	Total/NA
Benzo[e]pyrene	0.85		0.020	0.0075	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.55		0.020	0.0035	mg/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.90		0.020	0.0016	mg/Kg	2		8270C SIM	Total/NA
Biphenyl	0.064		0.020	0.0047	mg/Kg	2		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.14	J	0.49	0.054	mg/Kg	2		8270C SIM	Total/NA
Butyl benzyl phthalate	0.014	J B	0.49	0.0026	mg/Kg	2		8270C SIM	Total/NA
Chrysene	1.1		0.020	0.0043	mg/Kg	2		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.26		0.020	0.0040	mg/Kg	2		8270C SIM	Total/NA
Dibenzofuran	0.036		0.020	0.0028	mg/Kg	2		8270C SIM	Total/NA
Di-n-butyl phthalate	0.037	J B	0.49	0.0024	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	1.2		0.020	0.0031	mg/Kg	2		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-B17-C (Continued)
Lab Sample ID: 570-68151-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.020		0.020	0.0023	mg/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.54		0.020	0.0024	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.31		0.020	0.0017	mg/Kg	2		8270C SIM	Total/NA
Perylene	0.27		0.020	0.0026	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	0.61		0.020	0.0036	mg/Kg	2		8270C SIM	Total/NA
Phenol	2.3		0.020	0.0049	mg/Kg	2		8270C SIM	Total/NA
Pyrene	1.5		0.020	0.0030	mg/Kg	2		8270C SIM	Total/NA
C11-C12	5.1		5.0	3.8	mg/Kg	1		8015B	Total/NA
C19-C20	6.1		5.0	3.8	mg/Kg	1		8015B	Total/NA
C21-C22	9.1		5.0	3.8	mg/Kg	1		8015B	Total/NA
C23-C24	7.7		5.0	3.8	mg/Kg	1		8015B	Total/NA
C25-C28	22		5.0	3.8	mg/Kg	1		8015B	Total/NA
C29-C32	24		5.0	3.8	mg/Kg	1		8015B	Total/NA
C33-C36	17		5.0	3.8	mg/Kg	1		8015B	Total/NA
C37-C40	7.9		5.0	3.8	mg/Kg	1		8015B	Total/NA
C6-C44	94		5.0	3.8	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	52		5.0	3.8	mg/Kg	1		8015B	Total/NA
Silver	1.20		1.06	0.238	mg/Kg	1		6010B	Total/NA
Arsenic	8.16		2.64	2.39	mg/Kg	1		6010B	Total/NA
Barium	98.7		0.528	0.234	mg/Kg	1		6010B	Total/NA
Cadmium	4.87		0.528	0.213	mg/Kg	1		6010B	Total/NA
Cobalt	8.32		1.06	0.240	mg/Kg	1		6010B	Total/NA
Chromium	25.3		1.06	0.186	mg/Kg	1		6010B	Total/NA
Copper	999		1.06	0.535	mg/Kg	1		6010B	Total/NA
Molybdenum	4.01		0.528	0.475	mg/Kg	1		6010B	Total/NA
Nickel	43.6		0.528	0.453	mg/Kg	1		6010B	Total/NA
Antimony	8.74		3.17	1.43	mg/Kg	1		6010B	Total/NA
Vanadium	14.4		1.06	0.181	mg/Kg	1		6010B	Total/NA
Zinc	920		10.6	5.40	mg/Kg	1		6010B	Total/NA
Lead	775		5.28	1.02	mg/Kg	1		6010B	Total/NA
Mercury	0.236		0.0806	0.0131	mg/Kg	1		7471A	Total/NA

Client Sample ID: TB082421
Lab Sample ID: 570-68151-13

No Detections.

Client Sample ID: SP-B
Lab Sample ID: 570-68151-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C21-C22	4.4	J	5.1	3.9	mg/Kg	1		8015B	Total/NA
C6-C44	16		5.1	3.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	12		5.1	3.9	mg/Kg	1		8015B	Total/NA
Barium	36.0		0.515	0.228	mg/Kg	1		6010B	Total/NA
Cadmium	0.565		0.515	0.208	mg/Kg	1		6010B	Total/NA
Cobalt	4.72		1.03	0.234	mg/Kg	1		6010B	Total/NA
Chromium	7.65		1.03	0.181	mg/Kg	1		6010B	Total/NA
Copper	6.06		1.03	0.522	mg/Kg	1		6010B	Total/NA
Molybdenum	0.750		0.515	0.464	mg/Kg	1		6010B	Total/NA
Nickel	3.18		0.515	0.442	mg/Kg	1		6010B	Total/NA
Vanadium	13.0		1.03	0.177	mg/Kg	1		6010B	Total/NA
Zinc	24.3		10.3	5.27	mg/Kg	1		6010B	Total/NA
Lead	7.94		5.15	0.995	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.55	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.47	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1,2-Trichloroethane	ND		1.0	0.47	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
2-Butanone	**5.1**	**J**	20	4.6	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
2-Hexanone	ND		20	3.1	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Acetone	**61**		20	9.9	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Benzene	**2.5**		1.0	0.26	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Bromobenzene	ND		1.0	0.21	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Bromochloromethane	ND		2.0	0.45	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Bromoform	ND		5.0	1.3	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Bromomethane	ND		20	6.6	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Carbon disulfide	ND		10	0.40	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Chlorobenzene	ND		1.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Chloroform	ND		1.0	0.59	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Chloromethane	ND	*1	20	1.5	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Dibromomethane	ND		1.0	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Dichlorodifluoromethane	ND	*1	2.0	0.46	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Di-isopropyl ether (DIPE)	ND	*1	1.0	0.50	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Ethanol	ND		250	66	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Ethylbenzene	ND		1.0	0.21	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg		08/24/21 18:31	08/26/21 01:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Methylene Chloride	ND		10	3.1	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Naphthalene	ND		10	5.3	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
o-Xylene	ND		1.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
m,p-Xylene	**0.54**	**J**	2.0	0.48	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
p-Isopropyltoluene	ND		1.0	0.71	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Styrene	ND		1.0	0.71	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
tert-Butyl alcohol (TBA)	**16**	**J**	20	7.0	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
tert-Butylbenzene	ND		1.0	0.26	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Tetrachloroethene	ND		1.0	0.23	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Toluene	**1.1**		1.0	0.60	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Trichloroethene	ND		2.0	0.39	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Vinyl acetate	ND		10	3.9	ug/Kg		08/24/21 18:31	08/26/21 01:20	1
Vinyl chloride	ND		1.0	0.38	ug/Kg		08/24/21 18:31	08/26/21 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*80 - 142*	*08/24/21 18:31*	*08/26/21 01:20*	*1*
4-Bromofluorobenzene (Surr)	*82*		*80 - 120*	*08/24/21 18:31*	*08/26/21 01:20*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 123*	*08/24/21 18:31*	*08/26/21 01:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*08/24/21 18:31*	*08/26/21 01:20*	*1*

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1,1-Trichloroethane	ND		1.2	0.29	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1,2,2-Tetrachloroethane	ND		2.5	0.67	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	0.57	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1,2-Trichloroethane	ND		1.2	0.57	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1-Dichloroethane	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1-Dichloroethene	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,1-Dichloropropene	ND		2.5	0.48	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2,3-Trichlorobenzene	ND		2.5	1.2	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2,3-Trichloropropane	ND		2.5	0.52	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2,4-Trichlorobenzene	ND		2.5	0.51	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2,4-Trimethylbenzene	ND		2.5	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2-Dibromo-3-Chloropropane	ND		12	8.4	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2-Dibromoethane	ND		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2-Dichlorobenzene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2-Dichloroethane	ND		1.2	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,2-Dichloropropane	ND		1.2	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		2.5	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,3-Dichlorobenzene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,3-Dichloropropane	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
2,2-Dichloropropane	ND		6.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
2-Butanone	ND		25	5.6	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
2-Chlorotoluene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
2-Hexanone	ND		25	3.8	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
4-Chlorotoluene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
4-Methyl-2-pentanone	ND		25	3.6	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Acetone	**59**		25	12	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Benzene	**3.1**		1.2	0.32	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Bromobenzene	ND		1.2	0.26	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Bromochloromethane	ND		2.5	0.55	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Bromodichloromethane	ND		1.2	0.20	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Bromoform	ND		6.2	1.6	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Bromomethane	ND		25	8.1	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
cis-1,2-Dichloroethene	ND		1.2	0.42	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
cis-1,3-Dichloropropene	ND		1.2	0.43	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Carbon disulfide	**0.77**	**J**	12	0.49	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Carbon tetrachloride	ND		1.2	0.37	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Chlorobenzene	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Chloroethane	ND		2.5	1.9	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Chloroform	ND		1.2	0.73	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Chloromethane	ND	*1	25	1.9	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Dibromochloromethane	ND		2.5	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Dibromomethane	ND		1.2	0.38	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Dichlorodifluoromethane	ND	*1	2.5	0.56	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Di-isopropyl ether (DIPE)	ND	*1	1.2	0.62	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Ethanol	ND		310	81	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Ethylbenzene	ND		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Ethyl-t-butyl ether (ETBE)	ND		1.2	0.29	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Isopropylbenzene	ND		1.2	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Methylene Chloride	ND		12	3.9	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5	0.23	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Naphthalene	ND		12	6.4	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
n-Butylbenzene	ND		1.2	0.26	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
N-Propylbenzene	ND		2.5	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
o-Xylene	ND		1.2	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
m,p-Xylene	**1.1**	**J**	2.5	0.58	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
p-Isopropyltoluene	ND		1.2	0.86	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
sec-Butylbenzene	ND		1.2	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Styrene	ND		1.2	0.86	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
trans-1,2-Dichloroethene	ND		1.2	0.37	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
trans-1,3-Dichloropropene	ND		2.5	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Tert-amyl-methyl ether (TAME)	ND		1.2	0.24	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
tert-Butyl alcohol (TBA)	**13**	**J**	25	8.6	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
tert-Butylbenzene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Tetrachloroethene	ND		1.2	0.28	ug/Kg		08/24/21 18:31	08/26/21 01:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**1.4**		1.2	0.74	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Trichloroethene	ND		2.5	0.48	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Trichlorofluoromethane	ND		12	0.34	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Vinyl acetate	ND		12	4.8	ug/Kg		08/24/21 18:31	08/26/21 01:46	1
Vinyl chloride	ND		1.2	0.47	ug/Kg		08/24/21 18:31	08/26/21 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*80 - 142*	*08/24/21 18:31*	*08/26/21 01:46*	*1*
4-Bromofluorobenzene (Surr)	*82*		*80 - 120*	*08/24/21 18:31*	*08/26/21 01:46*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 123*	*08/24/21 18:31*	*08/26/21 01:46*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*08/24/21 18:31*	*08/26/21 01:46*	*1*

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2	0.34	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1,1-Trichloroethane	ND		1.2	0.28	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1,2,2-Tetrachloroethane	ND		2.4	0.64	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	0.55	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1,2-Trichloroethane	ND		1.2	0.55	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1-Dichloroethane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1-Dichloroethene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,1-Dichloropropene	ND		2.4	0.46	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2,3-Trichlorobenzene	ND		2.4	1.2	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2,3-Trichloropropane	ND		2.4	0.50	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2,4-Trichlorobenzene	ND		2.4	0.49	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2,4-Trimethylbenzene	**11**		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2-Dibromo-3-Chloropropane	ND		12	8.0	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2-Dibromoethane	ND		1.2	0.24	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2-Dichlorobenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2-Dichloroethane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,2-Dichloropropane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,3,5-Trimethylbenzene	**2.6**		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,3-Dichloropropane	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
1,4-Dichlorobenzene	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
2,2-Dichloropropane	ND		5.9	0.32	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
2-Butanone	**8.6**	**J**	24	5.3	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
2-Chlorotoluene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
2-Hexanone	ND		24	3.6	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
4-Chlorotoluene	ND		1.2	0.29	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
4-Methyl-2-pentanone	ND		24	3.4	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Acetone	**39**		24	12	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Benzene	**2.9**		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Bromobenzene	ND		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Bromochloromethane	ND		2.4	0.53	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Bromodichloromethane	ND		1.2	0.19	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Bromoform	ND		5.9	1.6	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Bromomethane	ND		24	7.8	ug/Kg		08/24/21 18:31	08/26/21 02:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.2	0.40	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
cis-1,3-Dichloropropene	ND		1.2	0.41	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Carbon disulfide	ND		12	0.47	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Carbon tetrachloride	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Chlorobenzene	ND		1.2	0.32	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Chloroethane	ND		2.4	1.8	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Chloroform	ND		1.2	0.70	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Chloromethane	ND	*1	24	1.8	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Dibromochloromethane	ND		2.4	0.32	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Dibromomethane	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Dichlorodifluoromethane	ND	*1	2.4	0.54	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Di-isopropyl ether (DIPE)	ND	*1	1.2	0.59	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Ethanol	ND		300	78	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Ethylbenzene	**0.36**	**J**	1.2	0.24	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Ethyl-t-butyl ether (ETBE)	ND		1.2	0.28	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Isopropylbenzene	ND		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Methylene Chloride	ND		12	3.7	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Methyl-t-Butyl Ether (MTBE)	ND		2.4	0.22	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Naphthalene	**7.5**	**J**	12	6.2	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
n-Butylbenzene	**2.0**		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
N-Propylbenzene	ND		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
o-Xylene	**3.8**		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
m,p-Xylene	**2.7**		2.4	0.56	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
p-Isopropyltoluene	ND		1.2	0.83	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
sec-Butylbenzene	**1.2**		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Styrene	ND		1.2	0.83	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
trans-1,2-Dichloroethene	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
trans-1,3-Dichloropropene	ND		2.4	0.33	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Tert-amyl-methyl ether (TAME)	ND		1.2	0.23	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
tert-Butyl alcohol (TBA)	**13**	**J**	24	8.3	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
tert-Butylbenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Tetrachloroethene	ND		1.2	0.26	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Toluene	**1.4**		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Trichloroethene	ND		2.4	0.46	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Trichlorofluoromethane	ND		12	0.32	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Vinyl acetate	ND		12	4.6	ug/Kg		08/24/21 18:31	08/26/21 02:11	1
Vinyl chloride	ND		1.2	0.45	ug/Kg		08/24/21 18:31	08/26/21 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*80 - 142*	*08/24/21 18:31*	*08/26/21 02:11*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*	*08/24/21 18:31*	*08/26/21 02:11*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*08/24/21 18:31*	*08/26/21 02:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*08/24/21 18:31*	*08/26/21 02:11*	*1*

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.33	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1,1-Trichloroethane	ND		1.1	0.27	ug/Kg		08/24/21 18:31	08/26/21 11:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.3	0.62	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.53	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1,2-Trichloroethane	ND		1.1	0.53	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1-Dichloroethane	ND		1.1	0.32	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1-Dichloroethene	ND		1.1	0.30	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,1-Dichloropropene	ND		2.3	0.44	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2,3-Trichlorobenzene	ND		2.3	1.1	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2,3-Trichloropropane	ND		2.3	0.48	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2,4-Trichlorobenzene	ND		2.3	0.47	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2,4-Trimethylbenzene	ND		2.3	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2-Dibromo-3-Chloropropane	ND		11	7.7	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2-Dibromoethane	ND		1.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2-Dichlorobenzene	ND		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,2-Dichloropropane	ND		1.1	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,3,5-Trimethylbenzene	ND		2.3	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,3-Dichlorobenzene	ND		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,3-Dichloropropane	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
1,4-Dichlorobenzene	ND		1.1	0.35	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
2,2-Dichloropropane	ND		5.7	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
2-Butanone	**6.5**	**J**	23	5.1	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
2-Chlorotoluene	ND		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
2-Hexanone	ND		23	3.5	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
4-Chlorotoluene	ND		1.1	0.28	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
4-Methyl-2-pentanone	ND		23	3.3	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Acetone	**46**		23	11	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Benzene	**2.4**		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Bromobenzene	ND		1.1	0.24	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Bromochloromethane	ND		2.3	0.51	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Bromodichloromethane	ND		1.1	0.18	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Bromoform	ND		5.7	1.5	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Bromomethane	ND		23	7.5	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
cis-1,3-Dichloropropene	ND		1.1	0.40	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Carbon disulfide	ND		11	0.46	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Carbon tetrachloride	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Chlorobenzene	ND		1.1	0.30	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Chloroethane	ND		2.3	1.7	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Chloroform	ND		1.1	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Chloromethane	ND		23	1.7	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Dibromochloromethane	ND		2.3	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Dibromomethane	ND		1.1	0.35	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Dichlorodifluoromethane	ND		2.3	0.52	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Di-isopropyl ether (DIPE)	ND		1.1	0.57	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Ethanol	ND		280	75	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Ethylbenzene	ND		1.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.27	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Isopropylbenzene	ND		1.1	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Methylene Chloride	ND		11	3.6	ug/Kg		08/24/21 18:31	08/26/21 11:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.3	0.21	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Naphthalene	ND		11	5.9	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
n-Butylbenzene	ND		1.1	0.24	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
N-Propylbenzene	ND		2.3	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
o-Xylene	ND		1.1	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
m,p-Xylene	ND		2.3	0.54	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
p-Isopropyltoluene	ND		1.1	0.80	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
sec-Butylbenzene	ND		1.1	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Styrene	ND		1.1	0.80	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
trans-1,2-Dichloroethene	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
trans-1,3-Dichloropropene	ND		2.3	0.32	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.22	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
tert-Butyl alcohol (TBA)	ND		23	8.0	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
tert-Butylbenzene	ND		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Tetrachloroethene	ND		1.1	0.25	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Toluene	**0.85**	**J**	1.1	0.68	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Trichloroethene	ND		2.3	0.44	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Trichlorofluoromethane	ND		11	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Vinyl acetate	ND		11	4.5	ug/Kg		08/24/21 18:31	08/26/21 11:22	1
Vinyl chloride	ND		1.1	0.43	ug/Kg		08/24/21 18:31	08/26/21 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*80 - 142*	*08/24/21 18:31*	*08/26/21 11:22*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*08/24/21 18:31*	*08/26/21 11:22*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*08/24/21 18:31*	*08/26/21 11:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/24/21 18:31*	*08/26/21 11:22*	*1*

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.33	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1,2,2-Tetrachloroethane	ND		2.2	0.61	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.52	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1,2-Trichloroethane	ND		1.1	0.52	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1-Dichloroethane	ND		1.1	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1-Dichloroethene	ND		1.1	0.30	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,1-Dichloropropene	ND		2.2	0.43	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2,3-Trichlorobenzene	ND		2.2	1.1	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2,3-Trichloropropane	ND		2.2	0.47	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2,4-Trichlorobenzene	ND		2.2	0.46	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2,4-Trimethylbenzene	ND		2.2	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2-Dibromo-3-Chloropropane	ND		11	7.6	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2-Dibromoethane	ND		1.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2-Dichlorobenzene	ND		1.1	0.28	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,2-Dichloropropane	ND		1.1	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,3,5-Trimethylbenzene	ND		2.2	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,3-Dichlorobenzene	ND		1.1	0.28	ug/Kg		08/24/21 18:31	08/26/21 11:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.1	0.33	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
1,4-Dichlorobenzene	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
2,2-Dichloropropane	ND		5.6	0.30	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
2-Butanone	**8.0**	**J**	22	5.1	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
2-Chlorotoluene	ND		1.1	0.28	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
2-Hexanone	ND		22	3.4	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
4-Chlorotoluene	ND		1.1	0.27	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
4-Methyl-2-pentanone	ND		22	3.3	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Acetone	**59**		22	11	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Benzene	**2.7**		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Bromobenzene	ND		1.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Bromochloromethane	ND		2.2	0.50	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Bromodichloromethane	ND		1.1	0.18	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Bromoform	ND		5.6	1.5	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Bromomethane	ND		22	7.4	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
cis-1,3-Dichloropropene	ND		1.1	0.39	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Carbon disulfide	ND		11	0.45	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Carbon tetrachloride	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Chlorobenzene	**0.32**	**J**	1.1	0.30	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Chloroethane	ND		2.2	1.7	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Chloroform	ND		1.1	0.66	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Chloromethane	ND		22	1.7	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Dibromochloromethane	ND		2.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Dibromomethane	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Dichlorodifluoromethane	ND		2.2	0.51	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Di-isopropyl ether (DIPE)	ND		1.1	0.56	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Ethanol	ND		280	74	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Ethylbenzene	ND		1.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.26	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Isopropylbenzene	ND		1.1	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Methylene Chloride	ND		11	3.5	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Methyl-t-Butyl Ether (MTBE)	ND		2.2	0.21	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Naphthalene	ND		11	5.8	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
n-Butylbenzene	ND		1.1	0.24	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
N-Propylbenzene	ND		2.2	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
o-Xylene	ND		1.1	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
m,p-Xylene	ND		2.2	0.53	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
p-Isopropyltoluene	ND		1.1	0.78	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
sec-Butylbenzene	ND		1.1	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Styrene	ND		1.1	0.78	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
trans-1,2-Dichloroethene	ND		1.1	0.34	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
trans-1,3-Dichloropropene	ND		2.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.22	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
tert-Butyl alcohol (TBA)	ND		22	7.8	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
tert-Butylbenzene	ND		1.1	0.29	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Tetrachloroethene	ND		1.1	0.25	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Toluene	**1.1**		1.1	0.67	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Trichloroethene	ND		2.2	0.43	ug/Kg		08/24/21 18:31	08/26/21 11:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		11	0.31	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Vinyl acetate	ND		11	4.4	ug/Kg		08/24/21 18:31	08/26/21 11:44	1
Vinyl chloride	ND		1.1	0.42	ug/Kg		08/24/21 18:31	08/26/21 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*80 - 142*	*08/24/21 18:31*	*08/26/21 11:44*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*08/24/21 18:31*	*08/26/21 11:44*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*08/24/21 18:31*	*08/26/21 11:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/24/21 18:31*	*08/26/21 11:44*	*1*

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2	0.34	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1,1-Trichloroethane	ND		1.2	0.28	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1,2,2-Tetrachloroethane	ND		2.4	0.64	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	0.55	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1,2-Trichloroethane	ND		1.2	0.55	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1-Dichloroethane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1-Dichloroethene	ND		1.2	0.31	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,1-Dichloropropene	ND		2.4	0.46	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2,3-Trichlorobenzene	ND		2.4	1.2	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2,3-Trichloropropane	ND		2.4	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2,4-Trichlorobenzene	ND		2.4	0.48	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2,4-Trimethylbenzene	ND		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2-Dibromo-3-Chloropropane	ND		12	8.0	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2-Dibromoethane	ND		1.2	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2-Dichlorobenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2-Dichloroethane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,2-Dichloropropane	ND		1.2	0.33	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,3,5-Trimethylbenzene	ND		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,3-Dichlorobenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,3-Dichloropropane	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
1,4-Dichlorobenzene	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
2,2-Dichloropropane	ND		5.9	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
2-Butanone	**23**	**J**	24	5.3	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
2-Chlorotoluene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
2-Hexanone	ND		24	3.6	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
4-Chlorotoluene	ND		1.2	0.29	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
4-Methyl-2-pentanone	ND		24	3.4	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Acetone	**130**		24	12	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Benzene	**3.0**		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Bromobenzene	ND		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Bromochloromethane	ND		2.4	0.53	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Bromodichloromethane	ND		1.2	0.19	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Bromoform	ND		5.9	1.6	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Bromomethane	ND		24	7.8	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
cis-1,2-Dichloroethene	ND		1.2	0.40	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
cis-1,3-Dichloropropene	ND		1.2	0.41	ug/Kg		08/24/21 18:31	08/26/21 12:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		12	0.47	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Carbon tetrachloride	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Chlorobenzene	ND		1.2	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Chloroethane	ND		2.4	1.8	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Chloroform	ND		1.2	0.70	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Chloromethane	ND		24	1.8	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Dibromochloromethane	ND		2.4	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Dibromomethane	ND		1.2	0.36	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Dichlorodifluoromethane	ND		2.4	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Di-isopropyl ether (DIPE)	ND		1.2	0.59	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Ethanol	ND		300	78	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Ethylbenzene	ND		1.2	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Ethyl-t-butyl ether (ETBE)	ND		1.2	0.28	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Isopropylbenzene	ND		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Methylene Chloride	ND		12	3.7	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Methyl-t-Butyl Ether (MTBE)	ND		2.4	0.22	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Naphthalene	ND		12	6.2	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
n-Butylbenzene	ND		1.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
N-Propylbenzene	ND		2.4	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
o-Xylene	ND		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
m,p-Xylene	ND		2.4	0.56	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
p-Isopropyltoluene	ND		1.2	0.83	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
sec-Butylbenzene	ND		1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Styrene	ND		1.2	0.83	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
trans-1,2-Dichloroethene	ND		1.2	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
trans-1,3-Dichloropropene	ND		2.4	0.33	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Tert-amyl-methyl ether (TAME)	ND		1.2	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
tert-Butyl alcohol (TBA)	**8.7**	**J**	24	8.3	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
tert-Butylbenzene	ND		1.2	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Tetrachloroethene	ND		1.2	0.26	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Toluene	**1.1**	**J**	1.2	0.71	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Trichloroethene	ND		2.4	0.46	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Trichlorofluoromethane	ND		12	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Vinyl acetate	ND		12	4.6	ug/Kg		08/24/21 18:31	08/26/21 12:06	1
Vinyl chloride	ND		1.2	0.45	ug/Kg		08/24/21 18:31	08/26/21 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 142*	*08/24/21 18:31*	*08/26/21 12:06*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:06*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*08/24/21 18:31*	*08/26/21 12:06*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:06*	*1*

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95	0.28	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1,1-Trichloroethane	ND		0.95	0.22	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.52	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	0.44	ug/Kg		08/24/21 18:31	08/26/21 03:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.95	0.44	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1-Dichloroethane	ND		0.95	0.27	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1-Dichloroethene	ND		0.95	0.25	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2,3-Trichlorobenzene	ND		1.9	0.95	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2,3-Trichloropropane	ND		1.9	0.40	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2,4-Trimethylbenzene	ND		1.9	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2-Dibromo-3-Chloropropane	ND		9.5	6.4	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2-Dibromoethane	ND		0.95	0.20	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2-Dichlorobenzene	ND		0.95	0.24	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2-Dichloroethane	ND		0.95	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,2-Dichloropropane	ND		0.95	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,3,5-Trimethylbenzene	ND		1.9	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,3-Dichlorobenzene	ND		0.95	0.24	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,3-Dichloropropane	ND		0.95	0.28	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
1,4-Dichlorobenzene	ND		0.95	0.29	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
2,2-Dichloropropane	ND		4.7	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
2-Butanone	**7.5**	**J**	19	4.3	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
2-Chlorotoluene	ND		0.95	0.24	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
2-Hexanone	ND		19	2.9	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
4-Chlorotoluene	ND		0.95	0.23	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
4-Methyl-2-pentanone	ND		19	2.8	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Acetone	**81**		19	9.3	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Benzene	**2.1**		0.95	0.24	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Bromobenzene	ND		0.95	0.20	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Bromochloromethane	ND		1.9	0.42	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Bromodichloromethane	ND		0.95	0.15	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Bromoform	ND		4.7	1.3	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Bromomethane	ND		19	6.2	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
cis-1,2-Dichloroethene	ND		0.95	0.32	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
cis-1,3-Dichloropropene	ND		0.95	0.33	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Carbon disulfide	ND		9.5	0.38	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Carbon tetrachloride	ND		0.95	0.28	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Chlorobenzene	ND		0.95	0.25	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Chloroethane	ND		1.9	1.4	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Chloroform	ND		0.95	0.56	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Chloromethane	ND	*1	19	1.5	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Dibromomethane	ND		0.95	0.29	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Dichlorodifluoromethane	ND	*1	1.9	0.43	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Di-isopropyl ether (DIPE)	ND	*1	0.95	0.47	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Ethanol	ND		240	62	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Ethylbenzene	ND		0.95	0.20	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.95	0.22	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Isopropylbenzene	ND		0.95	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Methylene Chloride	ND		9.5	3.0	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Naphthalene	**6.4**	**J**	9.5	4.9	ug/Kg		08/24/21 18:31	08/26/21 03:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.95	0.20	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
N-Propylbenzene	ND		1.9	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
o-Xylene	ND		0.95	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
m,p-Xylene	**0.54**	**J**	1.9	0.45	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
p-Isopropyltoluene	**0.68**	**J**	0.95	0.66	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
sec-Butylbenzene	ND		0.95	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Styrene	ND		0.95	0.66	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
trans-1,2-Dichloroethene	ND		0.95	0.28	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
trans-1,3-Dichloropropene	ND		1.9	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Tert-amyl-methyl ether (TAME)	ND		0.95	0.18	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
tert-Butyl alcohol (TBA)	**7.8**	**J**	19	6.6	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
tert-Butylbenzene	ND		0.95	0.24	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Tetrachloroethene	**0.83**	**J**	0.95	0.21	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Toluene	**1.4**		0.95	0.57	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Trichloroethene	ND		1.9	0.37	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Trichlorofluoromethane	ND		9.5	0.26	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Vinyl acetate	ND		9.5	3.7	ug/Kg		08/24/21 18:31	08/26/21 03:52	1
Vinyl chloride	ND		0.95	0.36	ug/Kg		08/24/21 18:31	08/26/21 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*80 - 142*	*08/24/21 18:31*	*08/26/21 03:52*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*08/24/21 18:31*	*08/26/21 03:52*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 123*	*08/24/21 18:31*	*08/26/21 03:52*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*08/24/21 18:31*	*08/26/21 03:52*	*1*

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88	0.26	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1,1-Trichloroethane	ND		0.88	0.21	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.48	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	0.41	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1,2-Trichloroethane	ND		0.88	0.41	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1-Dichloroethane	ND		0.88	0.25	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1-Dichloroethene	ND		0.88	0.23	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,1-Dichloropropene	ND		1.8	0.34	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2,3-Trichlorobenzene	ND		1.8	0.88	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2,3-Trichloropropane	ND		1.8	0.37	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2,4-Trichlorobenzene	ND		1.8	0.36	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2,4-Trimethylbenzene	ND		1.8	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2-Dibromo-3-Chloropropane	ND		8.8	6.0	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2-Dibromoethane	ND		0.88	0.18	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2-Dichlorobenzene	ND		0.88	0.22	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2-Dichloroethane	ND		0.88	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,2-Dichloropropane	ND		0.88	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,3,5-Trimethylbenzene	ND		1.8	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,3-Dichlorobenzene	ND		0.88	0.22	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,3-Dichloropropane	ND		0.88	0.26	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
1,4-Dichlorobenzene	ND		0.88	0.27	ug/Kg		08/24/21 18:31	08/26/21 04:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		4.4	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
2-Butanone	**5.1**	**J**	18	4.0	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
2-Chlorotoluene	ND		0.88	0.22	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
2-Hexanone	ND		18	2.7	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
4-Chlorotoluene	ND		0.88	0.21	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
4-Methyl-2-pentanone	ND		18	2.6	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Acetone	**50**		18	8.7	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Benzene	**1.6**		0.88	0.23	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Bromobenzene	ND		0.88	0.18	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Bromochloromethane	ND		1.8	0.39	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Bromodichloromethane	ND		0.88	0.14	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Bromoform	ND		4.4	1.2	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Bromomethane	ND		18	5.8	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
cis-1,2-Dichloroethene	ND		0.88	0.30	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
cis-1,3-Dichloropropene	ND		0.88	0.31	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Carbon disulfide	ND		8.8	0.35	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Carbon tetrachloride	ND		0.88	0.26	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Chlorobenzene	ND		0.88	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Chloroethane	ND		1.8	1.3	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Chloroform	ND		0.88	0.52	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Chloromethane	ND	*1	18	1.4	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Dibromochloromethane	ND		1.8	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Dibromomethane	ND		0.88	0.27	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Dichlorodifluoromethane	ND	*1	1.8	0.40	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Di-isopropyl ether (DIPE)	ND	*1	0.88	0.44	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Ethanol	ND		220	58	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Ethylbenzene	ND		0.88	0.18	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.88	0.21	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Isopropylbenzene	ND		0.88	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Methylene Chloride	ND		8.8	2.8	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.17	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Naphthalene	ND		8.8	4.6	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
n-Butylbenzene	ND		0.88	0.19	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
N-Propylbenzene	ND		1.8	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
o-Xylene	ND		0.88	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
m,p-Xylene	ND		1.8	0.42	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
p-Isopropyltoluene	ND		0.88	0.62	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
sec-Butylbenzene	ND		0.88	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Styrene	ND		0.88	0.62	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
trans-1,2-Dichloroethene	ND		0.88	0.27	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
trans-1,3-Dichloropropene	ND		1.8	0.25	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Tert-amyl-methyl ether (TAME)	ND		0.88	0.17	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
tert-Butyl alcohol (TBA)	**6.9**	**J**	18	6.2	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
tert-Butylbenzene	ND		0.88	0.22	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Tetrachloroethene	**0.66**	**J**	0.88	0.20	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Toluene	**1.0**		0.88	0.53	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Trichloroethene	ND		1.8	0.34	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Trichlorofluoromethane	ND		8.8	0.24	ug/Kg		08/24/21 18:31	08/26/21 04:17	1
Vinyl acetate	ND		8.8	3.5	ug/Kg		08/24/21 18:31	08/26/21 04:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.88	0.33	ug/Kg		08/24/21 18:31	08/26/21 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*80 - 142*	*08/24/21 18:31*	*08/26/21 04:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*08/24/21 18:31*	*08/26/21 04:17*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 123*	*08/24/21 18:31*	*08/26/21 04:17*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*08/24/21 18:31*	*08/26/21 04:17*	*1*

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.89	0.26	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1,1-Trichloroethane	ND		0.89	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.49	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.9	0.41	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1,2-Trichloroethane	ND		0.89	0.42	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1-Dichloroethane	ND		0.89	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1-Dichloroethene	ND		0.89	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,1-Dichloropropene	ND		1.8	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2,3-Trichlorobenzene	ND		1.8	0.89	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2,3-Trichloropropane	ND		1.8	0.38	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2,4-Trichlorobenzene	ND		1.8	0.37	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2,4-Trimethylbenzene	ND		1.8	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2-Dibromo-3-Chloropropane	ND		8.9	6.1	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2-Dibromoethane	ND		0.89	0.18	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2-Dichlorobenzene	ND		0.89	0.22	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2-Dichloroethane	ND		0.89	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,2-Dichloropropane	ND		0.89	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,3,5-Trimethylbenzene	ND		1.8	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,3-Dichlorobenzene	ND		0.89	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,3-Dichloropropane	ND		0.89	0.26	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
1,4-Dichlorobenzene	ND		0.89	0.27	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
2,2-Dichloropropane	ND		4.5	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
2-Butanone	**9.7**	**J**	18	4.0	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
2-Chlorotoluene	ND		0.89	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
2-Hexanone	ND		18	2.7	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
4-Chlorotoluene	ND		0.89	0.22	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
4-Methyl-2-pentanone	ND		18	2.6	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Acetone	**65**		18	8.8	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Benzene	**1.6**		0.89	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Bromobenzene	ND		0.89	0.19	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Bromochloromethane	ND		1.8	0.40	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Bromodichloromethane	ND		0.89	0.14	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Bromoform	ND		4.5	1.2	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Bromomethane	ND		18	5.9	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
cis-1,2-Dichloroethene	ND		0.89	0.30	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
cis-1,3-Dichloropropene	ND		0.89	0.31	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Carbon disulfide	ND		8.9	0.36	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Carbon tetrachloride	ND		0.89	0.27	ug/Kg		08/24/21 18:31	08/26/21 12:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.89	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Chloroethane	ND		1.8	1.3	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Chloroform	ND		0.89	0.53	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Chloromethane	ND		18	1.4	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Dibromochloromethane	ND		1.8	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Dibromomethane	ND		0.89	0.27	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Dichlorodifluoromethane	ND		1.8	0.41	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Di-isopropyl ether (DIPE)	ND		0.89	0.45	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Ethanol	ND		220	59	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Ethylbenzene	ND		0.89	0.18	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.89	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Isopropylbenzene	ND		0.89	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Methylene Chloride	ND		8.9	2.8	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Naphthalene	ND		8.9	4.7	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
n-Butylbenzene	ND		0.89	0.19	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
N-Propylbenzene	ND		1.8	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
o-Xylene	ND		0.89	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
m,p-Xylene	ND		1.8	0.42	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
p-Isopropyltoluene	ND		0.89	0.63	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
sec-Butylbenzene	ND		0.89	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Styrene	ND		0.89	0.63	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
trans-1,2-Dichloroethene	ND		0.89	0.27	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
trans-1,3-Dichloropropene	ND		1.8	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Tert-amyl-methyl ether (TAME)	ND		0.89	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
tert-Butyl alcohol (TBA)	**8.6**	**J**	18	6.3	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
tert-Butylbenzene	ND		0.89	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Tetrachloroethene	**0.27**	**J**	0.89	0.20	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Toluene	**0.73**	**J**	0.89	0.54	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Trichloroethene	ND		1.8	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Trichlorofluoromethane	ND		8.9	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Vinyl acetate	ND		8.9	3.5	ug/Kg		08/24/21 18:31	08/26/21 12:29	1
Vinyl chloride	ND		0.89	0.34	ug/Kg		08/24/21 18:31	08/26/21 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*80 - 142*	*08/24/21 18:31*	*08/26/21 12:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:29*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 123*	*08/24/21 18:31*	*08/26/21 12:29*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:29*	*1*

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.92	0.27	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1,1-Trichloroethane	ND		0.92	0.21	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.50	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.2	0.42	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1,2-Trichloroethane	ND		0.92	0.43	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1-Dichloroethane	ND		0.92	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.92	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,1-Dichloropropene	ND		1.8	0.36	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2,3-Trichlorobenzene	ND		1.8	0.92	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2,3-Trichloropropane	ND		1.8	0.38	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2,4-Trichlorobenzene	ND		1.8	0.38	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2,4-Trimethylbenzene	**0.63**	**J**	1.8	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2-Dibromo-3-Chloropropane	ND		9.2	6.2	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2-Dibromoethane	ND		0.92	0.19	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2-Dichlorobenzene	ND		0.92	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2-Dichloroethane	ND		0.92	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,2-Dichloropropane	ND		0.92	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,3,5-Trimethylbenzene	ND		1.8	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,3-Dichlorobenzene	ND		0.92	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,3-Dichloropropane	ND		0.92	0.27	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
1,4-Dichlorobenzene	ND		0.92	0.28	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
2,2-Dichloropropane	ND		4.6	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
2-Butanone	**7.6**	**J**	18	4.1	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
2-Chlorotoluene	ND		0.92	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
2-Hexanone	ND		18	2.8	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
4-Chlorotoluene	ND		0.92	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
4-Methyl-2-pentanone	ND		18	2.7	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Acetone	**60**		18	9.0	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Benzene	**2.2**		0.92	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Bromobenzene	ND		0.92	0.19	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Bromochloromethane	ND		1.8	0.41	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Bromodichloromethane	ND		0.92	0.15	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Bromoform	ND		4.6	1.2	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Bromomethane	ND		18	6.0	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
cis-1,2-Dichloroethene	ND		0.92	0.31	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
cis-1,3-Dichloropropene	ND		0.92	0.32	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Carbon disulfide	**0.77**	**J**	9.2	0.37	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Carbon tetrachloride	ND		0.92	0.27	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Chlorobenzene	ND		0.92	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Chloroethane	ND		1.8	1.4	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Chloroform	ND		0.92	0.54	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Chloromethane	ND	*1	18	1.4	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Dibromochloromethane	ND		1.8	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Dibromomethane	ND		0.92	0.28	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Dichlorodifluoromethane	ND	*1	1.8	0.42	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Di-isopropyl ether (DIPE)	ND	*1	0.92	0.46	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Ethanol	ND		230	60	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Ethylbenzene	**0.42**	**J**	0.92	0.19	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.92	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Isopropylbenzene	ND		0.92	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Methylene Chloride	ND		9.2	2.9	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.17	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Naphthalene	**7.2**	**J**	9.2	4.8	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
n-Butylbenzene	**0.55**	**J**	0.92	0.19	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
N-Propylbenzene	ND		1.8	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.92	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
m,p-Xylene	**0.91**	**J**	1.8	0.43	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
p-Isopropyltoluene	ND		0.92	0.64	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
sec-Butylbenzene	ND		0.92	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Styrene	ND		0.92	0.64	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
trans-1,2-Dichloroethene	ND		0.92	0.28	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
trans-1,3-Dichloropropene	ND		1.8	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Tert-amyl-methyl ether (TAME)	ND		0.92	0.18	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
tert-Butyl alcohol (TBA)	**32**		18	6.4	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
tert-Butylbenzene	ND		0.92	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Tetrachloroethene	**0.66**	**J**	0.92	0.20	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Toluene	**2.0**		0.92	0.55	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Trichloroethene	ND		1.8	0.35	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Trichlorofluoromethane	ND		9.2	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Vinyl acetate	ND		9.2	3.6	ug/Kg		08/24/21 18:31	08/26/21 05:07	1
Vinyl chloride	ND		0.92	0.35	ug/Kg		08/24/21 18:31	08/26/21 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*80 - 142*	*08/24/21 18:31*	*08/26/21 05:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*08/24/21 18:31*	*08/26/21 05:07*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*	*08/24/21 18:31*	*08/26/21 05:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/24/21 18:31*	*08/26/21 05:07*	*1*

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1,1-Trichloroethane	ND		0.85	0.20	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.46	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.40	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1,2-Trichloroethane	ND		0.85	0.40	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1-Dichloroethane	ND		0.85	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1-Dichloroethene	ND		0.85	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,1-Dichloropropene	ND		1.7	0.33	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2,3-Trichlorobenzene	ND		1.7	0.85	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2,3-Trichloropropane	ND		1.7	0.36	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2,4-Trichlorobenzene	ND		1.7	0.35	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2,4-Trimethylbenzene	**0.57**	**J**	1.7	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2-Dibromo-3-Chloropropane	ND		8.5	5.8	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2-Dibromoethane	ND		0.85	0.18	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2-Dichlorobenzene	ND		0.85	0.21	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2-Dichloroethane	ND		0.85	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,2-Dichloropropane	ND		0.85	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,3,5-Trimethylbenzene	ND		1.7	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,3-Dichlorobenzene	ND		0.85	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,3-Dichloropropane	ND		0.85	0.25	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
1,4-Dichlorobenzene	ND		0.85	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
2,2-Dichloropropane	ND		4.3	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
2-Butanone	**9.0**	**J**	17	3.9	ug/Kg		08/24/21 18:31	08/26/21 05:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.85	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
2-Hexanone	ND		17	2.6	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
4-Chlorotoluene	ND		0.85	0.21	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
4-Methyl-2-pentanone	ND		17	2.5	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Acetone	**90**		17	8.4	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Benzene	**2.0**		0.85	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Bromobenzene	ND		0.85	0.18	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Bromochloromethane	ND		1.7	0.38	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Bromodichloromethane	ND		0.85	0.14	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Bromoform	ND		4.3	1.1	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Bromomethane	ND		17	5.6	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
cis-1,2-Dichloroethene	ND		0.85	0.29	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
cis-1,3-Dichloropropene	ND		0.85	0.30	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Carbon disulfide	ND		8.5	0.34	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Carbon tetrachloride	ND		0.85	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Chlorobenzene	ND		0.85	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Chloroethane	ND		1.7	1.3	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Chloroform	ND		0.85	0.50	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Chloromethane	ND	*1	17	1.3	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Dibromochloromethane	ND		1.7	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Dibromomethane	ND		0.85	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Dichlorodifluoromethane	ND	*1	1.7	0.39	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Di-isopropyl ether (DIPE)	ND	*1	0.85	0.43	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Ethanol	ND		210	56	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Ethylbenzene	**0.42**	**J**	0.85	0.18	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.85	0.20	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Isopropylbenzene	ND		0.85	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Methylene Chloride	ND		8.5	2.7	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Naphthalene	**6.5**	**J**	8.5	4.5	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
n-Butylbenzene	ND		0.85	0.18	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
N-Propylbenzene	ND		1.7	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
o-Xylene	ND		0.85	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
m,p-Xylene	**0.78**	**J**	1.7	0.40	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
p-Isopropyltoluene	**6.2**		0.85	0.60	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
sec-Butylbenzene	ND		0.85	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Styrene	ND		0.85	0.60	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
trans-1,2-Dichloroethene	ND		0.85	0.26	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
trans-1,3-Dichloropropene	ND		1.7	0.24	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Tert-amyl-methyl ether (TAME)	ND		0.85	0.17	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
tert-Butyl alcohol (TBA)	**34**		17	6.0	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
tert-Butylbenzene	ND		0.85	0.22	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Tetrachloroethene	**1.0**		0.85	0.19	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Toluene	**2.1**		0.85	0.51	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Trichloroethene	ND		1.7	0.33	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Trichlorofluoromethane	ND		8.5	0.23	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Vinyl acetate	ND		8.5	3.3	ug/Kg		08/24/21 18:31	08/26/21 05:32	1
Vinyl chloride	ND		0.85	0.32	ug/Kg		08/24/21 18:31	08/26/21 05:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 142*	*08/24/21 18:31*	*08/26/21 05:32*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*08/24/21 18:31*	*08/26/21 05:32*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*	*08/24/21 18:31*	*08/26/21 05:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*08/24/21 18:31*	*08/26/21 05:32*	*1*

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.83	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1,1-Trichloroethane	ND		0.83	0.19	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.45	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.3	0.38	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1,2-Trichloroethane	ND		0.83	0.39	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1-Dichloroethane	ND		0.83	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1-Dichloroethene	ND		0.83	0.22	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,1-Dichloropropene	ND		1.7	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2,3-Trichlorobenzene	ND		1.7	0.83	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2,3-Trichloropropane	ND		1.7	0.35	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2,4-Trichlorobenzene	ND		1.7	0.34	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2,4-Trimethylbenzene	ND		1.7	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2-Dibromo-3-Chloropropane	ND		8.3	5.6	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2-Dibromoethane	ND		0.83	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2-Dichlorobenzene	ND		0.83	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2-Dichloroethane	ND		0.83	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,2-Dichloropropane	ND		0.83	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,3,5-Trimethylbenzene	ND		1.7	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,3-Dichlorobenzene	ND		0.83	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,3-Dichloropropane	ND		0.83	0.24	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
1,4-Dichlorobenzene	ND		0.83	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
2,2-Dichloropropane	ND		4.1	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
2-Butanone	**8.1**	**J**	17	3.7	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
2-Chlorotoluene	ND		0.83	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
2-Hexanone	ND		17	2.6	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
4-Chlorotoluene	ND		0.83	0.20	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
4-Methyl-2-pentanone	ND		17	2.4	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Acetone	**63**		17	8.2	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Benzene	**1.1**		0.83	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Bromobenzene	ND		0.83	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Bromochloromethane	ND		1.7	0.37	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Bromodichloromethane	ND		0.83	0.13	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Bromoform	ND		4.1	1.1	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Bromomethane	ND		17	5.5	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
cis-1,2-Dichloroethene	ND		0.83	0.28	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
cis-1,3-Dichloropropene	ND		0.83	0.29	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Carbon disulfide	**0.49**	**J**	8.3	0.33	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Carbon tetrachloride	ND		0.83	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Chlorobenzene	ND		0.83	0.22	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Chloroethane	ND		1.7	1.2	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Chloroform	ND		0.83	0.49	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Chloromethane	ND		17	1.3	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Dibromochloromethane	ND		1.7	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.83	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Dichlorodifluoromethane	ND		1.7	0.38	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Di-isopropyl ether (DIPE)	ND		0.83	0.41	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Ethanol	ND		210	55	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Ethylbenzene	ND		0.83	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.83	0.20	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Isopropylbenzene	ND		0.83	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Methylene Chloride	ND		8.3	2.6	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.16	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Naphthalene	ND		8.3	4.3	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
n-Butylbenzene	ND		0.83	0.17	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
N-Propylbenzene	ND		1.7	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
o-Xylene	ND		0.83	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
m,p-Xylene	ND		1.7	0.39	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
p-Isopropyltoluene	ND		0.83	0.58	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
sec-Butylbenzene	ND		0.83	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Styrene	ND		0.83	0.58	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
trans-1,2-Dichloroethene	ND		0.83	0.25	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
trans-1,3-Dichloropropene	ND		1.7	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Tert-amyl-methyl ether (TAME)	ND		0.83	0.16	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
tert-Butyl alcohol (TBA)	**11**	**J**	17	5.8	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
tert-Butylbenzene	ND		0.83	0.21	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Tetrachloroethene	ND		0.83	0.19	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Toluene	**0.65**	**J**	0.83	0.50	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Trichloroethene	ND		1.7	0.32	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Trichlorofluoromethane	ND		8.3	0.23	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Vinyl acetate	ND		8.3	3.2	ug/Kg		08/24/21 18:31	08/26/21 12:51	1
Vinyl chloride	ND		0.83	0.31	ug/Kg		08/24/21 18:31	08/26/21 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*80 - 142*	*08/24/21 18:31*	*08/26/21 12:51*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:51*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*08/24/21 18:31*	*08/26/21 12:51*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*08/24/21 18:31*	*08/26/21 12:51*	*1*

Client Sample ID: TB082421
Date Collected: 08/24/21 00:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			08/25/21 14:00	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			08/25/21 14:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			08/25/21 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			08/25/21 14:00	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			08/25/21 14:00	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			08/25/21 14:00	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			08/25/21 14:00	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			08/25/21 14:00	1
1,2,3-Trichlorobenzene	ND		1.0	0.43	ug/L			08/25/21 14:00	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			08/25/21 14:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/L			08/25/21 14:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB082421
Date Collected: 08/24/21 00:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			08/25/21 14:00	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			08/25/21 14:00	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			08/25/21 14:00	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			08/25/21 14:00	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			08/25/21 14:00	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			08/25/21 14:00	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			08/25/21 14:00	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			08/25/21 14:00	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			08/25/21 14:00	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/25/21 14:00	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			08/25/21 14:00	1
2-Butanone	ND		20	3.6	ug/L			08/25/21 14:00	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			08/25/21 14:00	1
2-Hexanone	ND		10	3.1	ug/L			08/25/21 14:00	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			08/25/21 14:00	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			08/25/21 14:00	1
Acetone	ND		20	10	ug/L			08/25/21 14:00	1
Benzene	ND		0.50	0.20	ug/L			08/25/21 14:00	1
Bromobenzene	ND		1.0	0.30	ug/L			08/25/21 14:00	1
Bromochloromethane	ND		2.0	0.30	ug/L			08/25/21 14:00	1
Bromodichloromethane	ND		1.0	0.28	ug/L			08/25/21 14:00	1
Bromoform	ND		5.0	1.5	ug/L			08/25/21 14:00	1
Bromomethane	ND		25	15	ug/L			08/25/21 14:00	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			08/25/21 14:00	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/25/21 14:00	1
Carbon disulfide	ND		10	0.40	ug/L			08/25/21 14:00	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			08/25/21 14:00	1
Chlorobenzene	ND		1.0	0.21	ug/L			08/25/21 14:00	1
Chloroethane	ND		5.0	2.4	ug/L			08/25/21 14:00	1
Chloroform	ND		1.0	0.50	ug/L			08/25/21 14:00	1
Chloromethane	ND		10	2.3	ug/L			08/25/21 14:00	1
Dibromochloromethane	ND		2.0	0.34	ug/L			08/25/21 14:00	1
Dibromomethane	ND		1.0	0.38	ug/L			08/25/21 14:00	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			08/25/21 14:00	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			08/25/21 14:00	1
Ethanol	ND		100	60	ug/L			08/25/21 14:00	1
Ethylbenzene	ND		1.0	0.33	ug/L			08/25/21 14:00	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			08/25/21 14:00	1
Isopropylbenzene	ND		1.0	0.37	ug/L			08/25/21 14:00	1
Methylene Chloride	ND		10	4.0	ug/L			08/25/21 14:00	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			08/25/21 14:00	1
Naphthalene	ND		10	5.0	ug/L			08/25/21 14:00	1
n-Butylbenzene	ND		1.0	0.29	ug/L			08/25/21 14:00	1
N-Propylbenzene	ND		1.0	0.41	ug/L			08/25/21 14:00	1
o-Xylene	ND		1.0	0.26	ug/L			08/25/21 14:00	1
m,p-Xylene	ND		2.0	0.48	ug/L			08/25/21 14:00	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			08/25/21 14:00	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			08/25/21 14:00	1
Styrene	ND		1.0	0.38	ug/L			08/25/21 14:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB082421
Date Collected: 08/24/21 00:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			08/25/21 14:00	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			08/25/21 14:00	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			08/25/21 14:00	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			08/25/21 14:00	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			08/25/21 14:00	1
Tetrachloroethene	ND		1.0	0.35	ug/L			08/25/21 14:00	1
Toluene	ND		1.0	0.34	ug/L			08/25/21 14:00	1
Trichloroethene	ND		1.0	0.35	ug/L			08/25/21 14:00	1
Trichlorofluoromethane	ND		10	0.36	ug/L			08/25/21 14:00	1
Vinyl acetate	ND		10	4.6	ug/L			08/25/21 14:00	1
Vinyl chloride	ND		0.50	0.26	ug/L			08/25/21 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 123*		*08/25/21 14:00*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/25/21 14:00*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*08/25/21 14:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/25/21 14:00*	*1*

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99	0.29	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1,1-Trichloroethane	ND		0.99	0.23	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9	0.46	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1,2-Trichloroethane	ND		0.99	0.46	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1-Dichloroethane	ND		0.99	0.28	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1-Dichloroethene	ND		0.99	0.26	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,1-Dichloropropene	ND		2.0	0.38	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2,3-Trichlorobenzene	ND		2.0	0.99	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2,4-Trimethylbenzene	ND		2.0	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2-Dibromo-3-Chloropropane	ND		9.9	6.7	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2-Dibromoethane	ND		0.99	0.20	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2-Dichlorobenzene	ND		0.99	0.25	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2-Dichloroethane	ND		0.99	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,2-Dichloropropane	ND		0.99	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,3,5-Trimethylbenzene	ND		2.0	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,3-Dichlorobenzene	ND		0.99	0.25	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,3-Dichloropropane	ND		0.99	0.29	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
1,4-Dichlorobenzene	ND		0.99	0.30	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
2-Butanone	ND		20	4.5	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
2-Chlorotoluene	ND		0.99	0.25	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
2-Hexanone	ND		20	3.0	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
4-Chlorotoluene	ND		0.99	0.24	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Acetone	ND		20	9.7	ug/Kg		08/24/21 18:31	08/26/21 06:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.99	0.26	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Bromobenzene	ND		0.99	0.21	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Bromochloromethane	ND		2.0	0.44	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Bromodichloromethane	ND		0.99	0.16	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Bromoform	ND		5.0	1.3	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Bromomethane	ND		20	6.5	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
cis-1,2-Dichloroethene	ND		0.99	0.33	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
cis-1,3-Dichloropropene	ND		0.99	0.35	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Carbon disulfide	ND		9.9	0.40	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Carbon tetrachloride	ND		0.99	0.30	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Chlorobenzene	ND		0.99	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Chloroform	ND		0.99	0.58	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Chloromethane	ND	*1	20	1.5	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Dibromomethane	ND		0.99	0.30	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Dichlorodifluoromethane	ND	*1	2.0	0.45	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Di-isopropyl ether (DIPE)	ND	*1	0.99	0.50	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Ethanol	ND		250	65	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Ethylbenzene	ND		0.99	0.20	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.99	0.23	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Isopropylbenzene	ND		0.99	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Methylene Chloride	ND		9.9	3.1	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Naphthalene	ND		9.9	5.2	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
n-Butylbenzene	ND		0.99	0.21	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
N-Propylbenzene	ND		2.0	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
o-Xylene	ND		0.99	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
m,p-Xylene	ND		2.0	0.47	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
p-Isopropyltoluene	ND		0.99	0.69	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
sec-Butylbenzene	ND		0.99	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Styrene	ND		0.99	0.69	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
trans-1,2-Dichloroethene	ND		0.99	0.30	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Tert-amyl-methyl ether (TAME)	ND		0.99	0.19	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
tert-Butyl alcohol (TBA)	ND		20	6.9	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
tert-Butylbenzene	ND		0.99	0.25	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Tetrachloroethene	ND		0.99	0.22	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Toluene	ND		0.99	0.59	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Trichloroethene	ND		2.0	0.38	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Trichlorofluoromethane	ND		9.9	0.27	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Vinyl acetate	ND		9.9	3.9	ug/Kg		08/24/21 18:31	08/26/21 06:22	1
Vinyl chloride	ND		0.99	0.37	ug/Kg		08/24/21 18:31	08/26/21 06:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*80 - 142*	*08/24/21 18:31*	*08/26/21 06:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*08/24/21 18:31*	*08/26/21 06:22*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*08/24/21 18:31*	*08/26/21 06:22*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*08/24/21 18:31*	*08/26/21 06:22*	*1*

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0088**	**J**	0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1,2-Dichlorobenzene	ND		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1,3-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1,4-Dichlorobenzene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1,6,7-Trimethylnaphthalene	**0.10**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1-Methylnaphthalene	**0.027**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
1-Methylphenanthrene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4,6-Trichlorophenol	ND		0.25	0.0030	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,4-Dinitrotoluene	ND		0.010	0.0043	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,6-Dimethylnaphthalene	**0.024**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Methylnaphthalene	**0.029**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
3/4-Methylphenol	**0.0039**	**J**	0.10	0.0036	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.077	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
4-Nitrophenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Acenaphthene	**0.098**		0.010	0.00095	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Aniline	ND		0.010	0.0055	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Anthracene	**0.089**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzidine	**0.34**		0.25	0.079	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[a]anthracene	**0.24**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[a]pyrene	**0.19**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[b]fluoranthene	**0.18**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[e]pyrene	**0.16**		0.010	0.0038	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[g,h,i]perylene	**0.10**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzo[k]fluoranthene	**0.18**		0.010	0.00081	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Biphenyl	**0.015**		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/25/21 08:17	08/25/21 15:25	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.027	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Butyl benzyl phthalate	ND		0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Chrysene	**0.29**		0.010	0.0022	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
DCPA	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Dibenz(a,h)anthracene	**0.040**		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Dibenzofuran	**0.034**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Di-n-octyl phthalate	ND		0.25	0.033	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Fluoranthene	**0.43**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Fluorene	**0.021**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Hexachlorobenzene	ND		0.010	0.00091	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Hexachlorocyclopentadiene	ND		0.010	0.0058	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Indeno[1,2,3-cd]pyrene	**0.096**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Naphthalene	**0.032**		0.010	0.00084	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Perthane	ND		0.010	0.0045	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Perylene	**0.065**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Phenanthrene	**0.46**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Phenol	**0.028**		0.010	0.0025	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Pyrene	**0.50**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 15:25	1
Pyridine	ND		0.010	0.0027	mg/Kg		08/25/21 08:17	08/25/21 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*16 - 132*	*08/25/21 08:17*	*08/25/21 15:25*	*1*
2-Fluorophenol (Surr)	*40*		*13 - 120*	*08/25/21 08:17*	*08/25/21 15:25*	*1*
Nitrobenzene-d5 (Surr)	*39*		*14 - 120*	*08/25/21 08:17*	*08/25/21 15:25*	*1*
Phenol-d6 (Surr)	*43*		*12 - 120*	*08/25/21 08:17*	*08/25/21 15:25*	*1*
p-Terphenyl-d14 (Surr)	*49*		*24 - 120*	*08/25/21 08:17*	*08/25/21 15:25*	*1*
2-Fluorobiphenyl (Surr)	*43*		*19 - 120*	*08/25/21 08:17*	*08/25/21 15:25*	*1*

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.011**		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
1,2-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
1,3-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
1,4-Dichlorobenzene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
1,6,7-Trimethylnaphthalene	**0.090**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:43	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.022**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
1-Methylphenanthrene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4,6-Trichlorophenol	ND		0.25	0.0031	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4-Dimethylphenol	ND		0.50	0.074	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,4-Dinitrotoluene	ND		0.010	0.0043	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,6-Dimethylnaphthalene	**0.018**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Methylnaphthalene	**0.021**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
3/4-Methylphenol	ND		0.10	0.0036	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
4-Nitrophenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Acenaphthene	**0.0030**	**J**	0.010	0.00096	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Aniline	ND		0.010	0.0055	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Anthracene	**0.0078**	**J**	0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzidine	ND		0.25	0.079	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[a]anthracene	**0.017**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[a]pyrene	**0.015**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[b]fluoranthene	**0.025**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[e]pyrene	**0.023**		0.010	0.0038	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[g,h,i]perylene	**0.016**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzo[k]fluoranthene	**0.017**		0.010	0.00081	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Biphenyl	**0.011**		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.028	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Butyl benzyl phthalate	ND		0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Chrysene	**0.030**		0.010	0.0022	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
DCPA	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 15:43	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	**0.0061**	**J**	0.010	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Dibenzofuran	**0.013**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Di-n-octyl phthalate	ND		0.25	0.034	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Fluoranthene	**0.029**		0.010	0.0016	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Fluorene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Hexachlorobenzene	ND		0.010	0.00091	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Hexachlorocyclopentadiene	ND		0.010	0.0058	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Indeno[1,2,3-cd]pyrene	**0.012**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Naphthalene	**0.023**		0.010	0.00085	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
N-Nitrosodiphenylamine	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Perthane	ND		0.010	0.0045	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Perylene	**0.010**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Phenanthrene	**0.044**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Phenol	**0.010**		0.010	0.0025	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Pyrene	**0.033**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 15:43	1
Pyridine	ND		0.010	0.0028	mg/Kg		08/25/21 08:17	08/25/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*47*		*16 - 132*	*08/25/21 08:17*	*08/25/21 15:43*	*1*
2-Fluorophenol (Surr)	*45*		*13 - 120*	*08/25/21 08:17*	*08/25/21 15:43*	*1*
Nitrobenzene-d5 (Surr)	*42*		*14 - 120*	*08/25/21 08:17*	*08/25/21 15:43*	*1*
Phenol-d6 (Surr)	*48*		*12 - 120*	*08/25/21 08:17*	*08/25/21 15:43*	*1*
p-Terphenyl-d14 (Surr)	*43*		*24 - 120*	*08/25/21 08:17*	*08/25/21 15:43*	*1*
2-Fluorobiphenyl (Surr)	*43*		*19 - 120*	*08/25/21 08:17*	*08/25/21 15:43*	*1*

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.012**		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1,2-Dichlorobenzene	**0.0022**	**J**	0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1,3-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1,4-Dichlorobenzene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1,6,7-Trimethylnaphthalene	**0.073**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1-Methylnaphthalene	**0.021**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
1-Methylphenanthrene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,4,6-Trichlorophenol	ND		0.25	0.0031	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:02	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,4-Dinitrotoluene	ND		0.010	0.0043	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,6-Dimethylnaphthalene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Methylnaphthalene	**0.022**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
3/4-Methylphenol	ND		0.10	0.0036	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
4-Nitrophenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Acenaphthene	ND		0.010	0.00096	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Aniline	ND		0.010	0.0055	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Anthracene	**0.0060**	**J**	0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzidine	ND		0.25	0.079	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[a]anthracene	**0.012**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[a]pyrene	**0.0091**	**J**	0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[b]fluoranthene	**0.020**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[e]pyrene	**0.020**		0.010	0.0038	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[g,h,i]perylene	**0.013**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzo[k]fluoranthene	**0.013**		0.010	0.00081	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Biphenyl	**0.0098**	**J**	0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.028	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Butyl benzyl phthalate	ND		0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Chrysene	**0.024**		0.010	0.0022	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
DCPA	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Dibenz(a,h)anthracene	**0.0054**	**J**	0.010	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Dibenzofuran	**0.011**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:02	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Di-n-octyl phthalate	ND		0.25	0.034	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Fluoranthene	**0.022**		0.010	0.0016	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Fluorene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Hexachlorobenzene	ND		0.010	0.00091	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Hexachlorocyclopentadiene	ND		0.010	0.0058	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Indeno[1,2,3-cd]pyrene	**0.0092**	**J**	0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Naphthalene	**0.021**		0.010	0.00084	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Perthane	ND		0.010	0.0045	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Perylene	**0.0056**	**J**	0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Phenanthrene	**0.034**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Phenol	ND		0.010	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Pyrene	**0.022**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:02	1
Pyridine	ND		0.010	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*16 - 132*	*08/25/21 08:17*	*08/25/21 16:02*	*1*
2-Fluorophenol (Surr)	*41*		*13 - 120*	*08/25/21 08:17*	*08/25/21 16:02*	*1*
Nitrobenzene-d5 (Surr)	*40*		*14 - 120*	*08/25/21 08:17*	*08/25/21 16:02*	*1*
Phenol-d6 (Surr)	*46*		*12 - 120*	*08/25/21 08:17*	*08/25/21 16:02*	*1*
p-Terphenyl-d14 (Surr)	*52*		*24 - 120*	*08/25/21 08:17*	*08/25/21 16:02*	*1*
2-Fluorobiphenyl (Surr)	*42*		*19 - 120*	*08/25/21 08:17*	*08/25/21 16:02*	*1*

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0075**	**J**	0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1,2-Dichlorobenzene	**0.0033**	**J**	0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1,3-Dichlorobenzene	**0.0049**	**J**	0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1,4-Dichlorobenzene	**0.0022**	**J**	0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1,6,7-Trimethylnaphthalene	**0.26**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1-Methylnaphthalene	**0.083**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
1-Methylphenanthrene	**0.038**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4,6-Trichlorophenol	ND		0.25	0.0030	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,4-Dinitrotoluene	ND		0.010	0.0042	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2,6-Dimethylnaphthalene	**0.087**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:21	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Methylnaphthalene	**0.10**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
3/4-Methylphenol	**0.0055**	**J**	0.10	0.0036	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.077	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
4-Nitrophenol	ND		0.50	0.14	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Acenaphthene	**0.0050**	**J**	0.010	0.00095	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Aniline	ND		0.010	0.0055	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Anthracene	**0.012**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzidine	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[a]anthracene	**0.058**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[a]pyrene	**0.072**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[b]fluoranthene	**0.11**		0.010	0.0016	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[e]pyrene	**0.10**		0.010	0.0038	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[g,h,i]perylene	**0.068**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzo[k]fluoranthene	**0.077**		0.010	0.00081	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Biphenyl	**0.038**		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.027	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Butyl benzyl phthalate	**0.0073**	**J B**	0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Chrysene	**0.094**		0.010	0.0022	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
DCPA	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Dibenz(a,h)anthracene	**0.023**		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Dibenzofuran	**0.033**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Di-n-octyl phthalate	ND		0.25	0.033	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Fluoranthene	**0.074**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Fluorene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:21	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	**0.0033**	**J**	0.010	0.00091	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Hexachlorocyclopentadiene	ND		0.010	0.0057	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Indeno[1,2,3-cd]pyrene	**0.056**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Naphthalene	**0.090**		0.010	0.00084	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Perthane	ND		0.010	0.0045	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Perylene	**0.028**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Phenanthrene	**0.11**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Phenol	ND		0.010	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Pyrene	**0.078**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:21	1
Pyridine	ND		0.010	0.0027	mg/Kg		08/25/21 08:17	08/25/21 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*16 - 132*	*08/25/21 08:17*	*08/25/21 16:21*	*1*
2-Fluorophenol (Surr)	*45*		*13 - 120*	*08/25/21 08:17*	*08/25/21 16:21*	*1*
Nitrobenzene-d5 (Surr)	*46*		*14 - 120*	*08/25/21 08:17*	*08/25/21 16:21*	*1*
Phenol-d6 (Surr)	*51*		*12 - 120*	*08/25/21 08:17*	*08/25/21 16:21*	*1*
p-Terphenyl-d14 (Surr)	*49*		*24 - 120*	*08/25/21 08:17*	*08/25/21 16:21*	*1*
2-Fluorobiphenyl (Surr)	*49*		*19 - 120*	*08/25/21 08:17*	*08/25/21 16:21*	*1*

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0078**	**J**	0.0099	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1,2-Dichlorobenzene	**0.0037**	**J**	0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1,3-Dichlorobenzene	**0.0060**	**J**	0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1,4-Dichlorobenzene	**0.0033**	**J**	0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1,6,7-Trimethylnaphthalene	**0.30**		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1-Methylnaphthalene	**0.10**		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
1-Methylphenanthrene	ND		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4,5-Trichlorophenol	ND		0.25	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4,6-Trichlorophenol	ND		0.25	0.0030	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,4-Dinitrotoluene	ND		0.0099	0.0042	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,6-Dimethylnaphthalene	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2,6-Dinitrotoluene	ND		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2-Chloronaphthalene	ND		0.0099	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2-Chlorophenol	ND		0.0099	0.0011	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2-Methylnaphthalene	**0.13**		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:39	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.25	0.048	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
2-Nitrophenol	ND		0.25	0.057	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
3/4-Methylphenol	**0.0070**	**J**	0.099	0.0036	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.077	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Bromophenyl phenyl ether	ND		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Chlorophenyl phenyl ether	ND		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
4-Nitrophenol	ND		0.50	0.14	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Acenaphthene	ND		0.0099	0.00095	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Acenaphthylene	**0.0095**	**J**	0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Aniline	ND		0.0099	0.0055	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Anthracene	**0.013**		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Azobenzene	ND		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzidine	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[a]anthracene	**0.041**		0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[a]pyrene	**0.037**		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[b]fluoranthene	**0.073**		0.0099	0.0016	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[e]pyrene	**0.073**		0.0099	0.0038	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[g,h,i]perylene	**0.045**		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzo[k]fluoranthene	**0.050**		0.0099	0.00080	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Benzyl alcohol	ND		0.0099	0.0040	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Biphenyl	**0.057**		0.0099	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Bis(2-chloroethoxy)methane	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Bis(2-chloroethyl)ether	ND		0.0099	0.0033	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
bis (2-Chloroisopropyl) ether	ND		0.0099	0.0039	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.027	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Butyl benzyl phthalate	**0.0099**	**J B**	0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Chrysene	**0.082**		0.0099	0.0022	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
DCPA	ND		0.0099	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Dibenz(a,h)anthracene	**0.017**		0.0099	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Dibenzofuran	**0.040**		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Dibenzothiophene	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Di-n-octyl phthalate	ND		0.25	0.033	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Fluoranthene	**0.077**		0.0099	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Fluorene	ND		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Hexachloro-1,3-butadiene	ND		0.0099	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Hexachlorobenzene	**0.0057**	**J**	0.0099	0.00090	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Hexachlorocyclopentadiene	ND		0.0099	0.0057	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Hexachloroethane	ND		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:39	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.12**		0.0099	0.00084	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Nitrobenzene	ND		0.0099	0.0026	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
N-Nitrosodimethylamine	ND		0.0099	0.0058	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
N-Nitrosodi-n-propylamine	ND		0.0099	0.00088	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
N-Nitrosodiphenylamine	ND		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Pentachlorophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Perthane	ND		0.0099	0.0044	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Perylene	**0.016**		0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Phenanthrene	**0.12**		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Phenol	**0.017**		0.0099	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Pyrene	**0.084**		0.0099	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:39	1
Pyridine	ND		0.0099	0.0027	mg/Kg		08/25/21 08:17	08/25/21 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*16 - 132*	*08/25/21 08:17*	*08/25/21 16:39*	*1*
2-Fluorophenol (Surr)	*56*		*13 - 120*	*08/25/21 08:17*	*08/25/21 16:39*	*1*
Nitrobenzene-d5 (Surr)	*55*		*14 - 120*	*08/25/21 08:17*	*08/25/21 16:39*	*1*
Phenol-d6 (Surr)	*61*		*12 - 120*	*08/25/21 08:17*	*08/25/21 16:39*	*1*
p-Terphenyl-d14 (Surr)	*53*		*24 - 120*	*08/25/21 08:17*	*08/25/21 16:39*	*1*
2-Fluorobiphenyl (Surr)	*58*		*19 - 120*	*08/25/21 08:17*	*08/25/21 16:39*	*1*

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0076**	**J**	0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1,2-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1,3-Dichlorobenzene	**0.0036**	**J**	0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1,4-Dichlorobenzene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1,6,7-Trimethylnaphthalene	**0.18**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1-Methylnaphthalene	**0.056**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
1-Methylphenanthrene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4,6-Trichlorophenol	ND		0.25	0.0031	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,4-Dinitrotoluene	ND		0.010	0.0043	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,6-Dimethylnaphthalene	**0.054**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Methylnaphthalene	**0.067**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
3/4-Methylphenol	ND		0.10	0.0036	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:58	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
4-Nitrophenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Acenaphthene	**0.0060**	**J**	0.010	0.00096	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Aniline	ND		0.010	0.0055	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Anthracene	**0.016**		0.010	0.0019	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzidine	ND		0.25	0.079	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[a]anthracene	**0.064**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[a]pyrene	**0.061**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[b]fluoranthene	**0.095**		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[e]pyrene	**0.091**		0.010	0.0038	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[g,h,i]perylene	**0.060**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzo[k]fluoranthene	**0.072**		0.010	0.00081	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Biphenyl	**0.027**		0.010	0.0024	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Bis(2-ethylhexyl) phthalate	**0.028**	**J**	0.25	0.028	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Butyl benzyl phthalate	**0.016**	**J B**	0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Chrysene	**0.10**		0.010	0.0022	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
DCPA	ND		0.010	0.0020	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Dibenz(a,h)anthracene	**0.023**		0.010	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Dibenzofuran	**0.023**		0.010	0.0014	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Di-n-octyl phthalate	ND		0.25	0.034	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Fluoranthene	**0.10**		0.010	0.0016	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Fluorene	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Hexachlorobenzene	**0.0070**	**J**	0.010	0.00091	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Hexachlorocyclopentadiene	ND		0.010	0.0058	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Indeno[1,2,3-cd]pyrene	**0.050**		0.010	0.0012	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Naphthalene	**0.060**		0.010	0.00084	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:58	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Perthane	ND		0.010	0.0045	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Perylene	**0.033**		0.010	0.0013	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Phenanthrene	**0.097**		0.010	0.0018	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Phenol	**0.053**		0.010	0.0025	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Pyrene	**0.11**		0.010	0.0015	mg/Kg		08/25/21 08:17	08/25/21 16:58	1
Pyridine	ND		0.010	0.0028	mg/Kg		08/25/21 08:17	08/25/21 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*16 - 132*	*08/25/21 08:17*	*08/25/21 16:58*	*1*
2-Fluorophenol (Surr)	*52*		*13 - 120*	*08/25/21 08:17*	*08/25/21 16:58*	*1*
Nitrobenzene-d5 (Surr)	*53*		*14 - 120*	*08/25/21 08:17*	*08/25/21 16:58*	*1*
Phenol-d6 (Surr)	*56*		*12 - 120*	*08/25/21 08:17*	*08/25/21 16:58*	*1*
p-Terphenyl-d14 (Surr)	*54*		*24 - 120*	*08/25/21 08:17*	*08/25/21 16:58*	*1*
2-Fluorobiphenyl (Surr)	*58*		*19 - 120*	*08/25/21 08:17*	*08/25/21 16:58*	*1*

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.0099	0.0029	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1,2-Dichlorobenzene	ND		0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1,3-Dichlorobenzene	ND		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1,4-Dichlorobenzene	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1,6,7-Trimethylnaphthalene	**0.016**		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1-Methylnaphthalene	**0.023**		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
1-Methylphenanthrene	**0.036**		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4,5-Trichlorophenol	ND		0.25	0.0024	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4,6-Trichlorophenol	ND		0.25	0.0030	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4-Dimethylphenol	ND		0.49	0.072	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,4-Dinitrotoluene	ND		0.0099	0.0042	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,6-Dichlorophenol	ND		0.25	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,6-Dimethylnaphthalene	**0.011**		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2,6-Dinitrotoluene	ND		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Chloronaphthalene	ND		0.0099	0.0024	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Chlorophenol	ND		0.0099	0.0011	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Methylnaphthalene	**0.036**		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Methylphenol	ND		0.25	0.0027	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Nitroaniline	ND		0.25	0.048	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
2-Nitrophenol	ND		0.25	0.057	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
3,3'-Dichlorobenzidine	ND		0.25	0.075	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
3/4-Methylphenol	**0.0061**	**J**	0.099	0.0035	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.077	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4-Bromophenyl phenyl ether	ND		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4-Chloro-3-methylphenol	ND		0.25	0.0043	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4-Chlorophenyl phenyl ether	ND		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
4-Nitrophenol	ND		0.49	0.14	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Acenaphthene	**0.039**		0.0099	0.00094	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Acenaphthylene	**0.019**		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Aniline	ND		0.0099	0.0055	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Anthracene	**0.099**		0.0099	0.0019	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Azobenzene	ND		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzidine	ND		0.25	0.078	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[a]anthracene	**0.51**		0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[a]pyrene	**0.61**		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[b]fluoranthene	**0.53**		0.0099	0.0016	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[e]pyrene	**0.55**		0.0099	0.0038	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[g,h,i]perylene	**0.41**		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzo[k]fluoranthene	**0.53**		0.0099	0.00080	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Benzyl alcohol	ND		0.0099	0.0040	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Biphenyl	**0.017**		0.0099	0.0024	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Bis(2-chloroethoxy)methane	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Bis(2-chloroethyl)ether	ND		0.0099	0.0033	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
bis (2-Chloroisopropyl) ether	ND		0.0099	0.0038	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Bis(2-ethylhexyl) phthalate	**0.046**	**J**	0.25	0.027	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Butyl benzyl phthalate	**0.040**	**J B**	0.25	0.0013	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Chrysene	**0.55**		0.0099	0.0021	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
DCPA	ND		0.0099	0.0020	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Dibenz(a,h)anthracene	**0.16**		0.0099	0.0020	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Dibenzofuran	**0.022**		0.0099	0.0014	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Dibenzothiophene	ND		0.0099	0.0017	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Di-n-butyl phthalate	ND		0.25	0.0012	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Di-n-octyl phthalate	ND		0.25	0.033	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Fluoranthene	**0.55**		0.0099	0.0015	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Fluorene	**0.024**		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Hexachloro-1,3-butadiene	ND		0.0099	0.0029	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Hexachlorobenzene	ND		0.0099	0.00090	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Hexachlorocyclopentadiene	ND		0.0099	0.0057	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Hexachloroethane	ND		0.0099	0.0011	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Indeno[1,2,3-cd]pyrene	**0.37**		0.0099	0.0012	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Isophorone	ND		0.49	0.0021	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Naphthalene	**0.086**		0.0099	0.00083	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Nitrobenzene	ND		0.0099	0.0025	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
N-Nitrosodimethylamine	ND		0.0099	0.0058	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
N-Nitrosodi-n-propylamine	ND		0.0099	0.00088	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
N-Nitrosodiphenylamine	ND		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Pentachlorophenol	ND		0.25	0.058	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Perthane	ND		0.0099	0.0044	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Perylene	**0.16**		0.0099	0.0013	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Phenanthrene	**0.34**		0.0099	0.0018	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Phenol	ND		0.0099	0.0024	mg/Kg		08/25/21 08:17	08/25/21 17:16	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**0.66**		0.0099	0.0015	mg/Kg		08/25/21 08:17	08/25/21 17:16	1
Pyridine	ND		0.0099	0.0027	mg/Kg		08/25/21 08:17	08/25/21 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*16 - 132*	*08/25/21 08:17*	*08/25/21 17:16*	*1*
2-Fluorophenol (Surr)	*51*		*13 - 120*	*08/25/21 08:17*	*08/25/21 17:16*	*1*
Nitrobenzene-d5 (Surr)	*50*		*14 - 120*	*08/25/21 08:17*	*08/25/21 17:16*	*1*
Phenol-d6 (Surr)	*55*		*12 - 120*	*08/25/21 08:17*	*08/25/21 17:16*	*1*
p-Terphenyl-d14 (Surr)	*53*		*24 - 120*	*08/25/21 08:17*	*08/25/21 17:16*	*1*
2-Fluorobiphenyl (Surr)	*52*		*19 - 120*	*08/25/21 08:17*	*08/25/21 17:16*	*1*

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.099	0.029	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1,2-Dichlorobenzene	ND		0.099	0.013	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1,3-Dichlorobenzene	ND		0.099	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1,4-Dichlorobenzene	ND		0.099	0.017	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1,6,7-Trimethylnaphthalene	**0.058**	**J**	0.099	0.019	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1-Methylnaphthalene	**0.039**	**J**	0.099	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
1-Methylphenanthrene	**0.44**		0.099	0.019	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4,5-Trichlorophenol	ND		2.5	0.024	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4,6-Trichlorophenol	ND		2.5	0.030	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4-Dichlorophenol	ND		2.5	0.021	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4-Dimethylphenol	ND		4.9	0.73	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4-Dinitrophenol	ND		2.5	1.3	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,4-Dinitrotoluene	ND		0.099	0.042	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,6-Dichlorophenol	ND		2.5	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,6-Dimethylnaphthalene	ND		0.099	0.017	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2,6-Dinitrotoluene	ND		0.099	0.019	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Chloronaphthalene	ND		0.099	0.024	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Chlorophenol	ND		0.099	0.011	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Methylnaphthalene	**0.064**	**J**	0.099	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Methylphenol	ND		2.5	0.027	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Nitroaniline	ND		2.5	0.48	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
2-Nitrophenol	ND		2.5	0.57	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
3,3'-Dichlorobenzidine	ND		2.5	0.75	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
3/4-Methylphenol	ND		0.99	0.035	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
3-Nitroaniline	ND		2.5	1.6	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4,6-Dinitro-2-methylphenol	ND		2.5	0.77	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Bromophenyl phenyl ether	ND		0.099	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Chloro-3-methylphenol	ND		2.5	0.043	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Chloroaniline	ND		2.5	0.64	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Chlorophenyl phenyl ether	ND		0.099	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Nitroaniline	ND		2.5	1.9	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
4-Nitrophenol	ND		4.9	1.4	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Acenaphthene	**0.11**		0.099	0.0095	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Acenaphthylene	**0.090**	**J**	0.099	0.019	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Aniline	ND		0.099	0.055	mg/Kg		08/25/21 08:17	08/25/21 19:08	10

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.76**		0.099	0.019	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Azobenzene	ND		0.099	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzidine	ND		2.5	0.78	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[a]anthracene	**1.3**		0.099	0.013	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[a]pyrene	**0.42**		0.099	0.017	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[b]fluoranthene	**0.52**		0.099	0.016	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[e]pyrene	**0.44**		0.099	0.038	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[g,h,i]perylene	**0.18**		0.099	0.018	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzo[k]fluoranthene	**0.46**		0.099	0.0080	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzoic acid	ND		2.5	1.6	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Benzyl alcohol	ND		0.099	0.040	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Biphenyl	**0.036**	**J**	0.099	0.024	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Bis(2-chloroethoxy)methane	ND		0.099	0.017	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Bis(2-chloroethyl)ether	ND		0.099	0.033	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
bis (2-Chloroisopropyl) ether	ND		0.099	0.039	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Bis(2-ethylhexyl) phthalate	ND		2.5	0.27	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Butyl benzyl phthalate	ND		2.5	0.013	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Chrysene	**1.3**		0.099	0.022	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
DCPA	ND		0.099	0.020	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Dibenz(a,h)anthracene	**0.075**	**J**	0.099	0.020	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Dibenzofuran	**0.10**		0.099	0.014	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Dibenzothiophene	**0.16**		0.099	0.017	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Diethyl phthalate	ND		2.5	0.021	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Dimethyl phthalate	ND		2.5	0.028	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Di-n-butyl phthalate	**0.065**	**J B**	2.5	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Di-n-octyl phthalate	ND		2.5	0.33	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Fluoranthene	**5.4**		0.099	0.015	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Fluorene	**0.15**		0.099	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Hexachloro-1,3-butadiene	ND		0.099	0.029	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Hexachlorobenzene	ND		0.099	0.0090	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Hexachlorocyclopentadiene	ND		0.099	0.057	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Hexachloroethane	ND		0.099	0.011	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Indeno[1,2,3-cd]pyrene	**0.16**		0.099	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Isophorone	ND		4.9	0.021	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Naphthalene	**0.16**		0.099	0.0083	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Nitrobenzene	ND		0.099	0.025	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
N-Nitrosodimethylamine	ND		0.099	0.058	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
N-Nitrosodi-n-propylamine	ND		0.099	0.0088	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
N-Nitrosodiphenylamine	ND		0.099	0.018	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Pentachlorophenol	ND		2.5	0.58	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Perthane	ND		0.099	0.044	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Perylene	**0.095**	**J**	0.099	0.013	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Phenanthrene	**2.9**		0.099	0.018	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Phenol	**1.3**		0.099	0.024	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Pyrene	**5.4**		0.099	0.015	mg/Kg		08/25/21 08:17	08/25/21 19:08	10
Pyridine	ND		0.099	0.027	mg/Kg		08/25/21 08:17	08/25/21 19:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*16 - 132*	*08/25/21 08:17*	*08/25/21 19:08*	*10*
2-Fluorophenol (Surr)	*44*		*13 - 120*	*08/25/21 08:17*	*08/25/21 19:08*	*10*

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*46*		*14 - 120*	*08/25/21 08:17*	*08/25/21 19:08*	*10*
Phenol-d6 (Surr)	*49*		*12 - 120*	*08/25/21 08:17*	*08/25/21 19:08*	*10*
p-Terphenyl-d14 (Surr)	*58*		*24 - 120*	*08/25/21 08:17*	*08/25/21 19:08*	*10*
2-Fluorobiphenyl (Surr)	*49*		*19 - 120*	*08/25/21 08:17*	*08/25/21 19:08*	*10*

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.020	0.0058	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1,2-Dichlorobenzene	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1,3-Dichlorobenzene	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1,4-Dichlorobenzene	ND		0.020	0.0035	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1,6,7-Trimethylnaphthalene	**0.034**		0.020	0.0037	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1-Methylnaphthalene	**0.020**		0.020	0.0029	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
1-Methylphenanthrene	ND		0.020	0.0038	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4,5-Trichlorophenol	ND		0.50	0.0049	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4,6-Trichlorophenol	ND		0.50	0.0061	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4-Dichlorophenol	ND		0.50	0.0042	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4-Dimethylphenol	ND		0.99	0.15	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4-Dinitrophenol	ND		0.50	0.25	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,4-Dinitrotoluene	ND		0.020	0.0085	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,6-Dichlorophenol	ND		0.50	0.0029	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,6-Dimethylnaphthalene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2,6-Dinitrotoluene	ND		0.020	0.0039	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Chloronaphthalene	ND		0.020	0.0048	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Chlorophenol	ND		0.020	0.0022	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Methylnaphthalene	**0.030**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Methylphenol	**0.0083**	**J**	0.50	0.0055	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Nitroaniline	ND		0.50	0.097	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
2-Nitrophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
3,3'-Dichlorobenzidine	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
3/4-Methylphenol	ND		0.20	0.0071	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
3-Nitroaniline	ND		0.50	0.33	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4,6-Dinitro-2-methylphenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Bromophenyl phenyl ether	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Chloro-3-methylphenol	ND		0.50	0.0087	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Chloroaniline	ND		0.50	0.13	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Chlorophenyl phenyl ether	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Nitroaniline	ND		0.50	0.38	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
4-Nitrophenol	ND		0.99	0.29	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Acenaphthene	**0.018**	**J**	0.020	0.0019	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Acenaphthylene	**0.018**	**J**	0.020	0.0039	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Aniline	**0.014**	**J**	0.020	0.011	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Anthracene	**0.023**		0.020	0.0038	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Azobenzene	ND		0.020	0.0025	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzidine	ND		0.50	0.16	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzo[a]anthracene	**0.059**		0.020	0.0025	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzo[a]pyrene	**0.054**		0.020	0.0035	mg/Kg		08/25/21 08:17	08/25/21 19:27	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.070**		0.020	0.0033	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzo[e]pyrene	**0.061**		0.020	0.0076	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzo[g,h,i]perylene	**0.044**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzo[k]fluoranthene	**0.049**		0.020	0.0016	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzoic acid	ND		0.50	0.32	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Benzyl alcohol	ND		0.020	0.0080	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Biphenyl	**0.013**	**J**	0.020	0.0048	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Bis(2-chloroethoxy)methane	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Bis(2-chloroethyl)ether	ND		0.020	0.0067	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
bis (2-Chloroisopropyl) ether	ND		0.020	0.0077	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Bis(2-ethylhexyl) phthalate	ND		0.50	0.055	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Butyl benzyl phthalate	ND		0.50	0.0026	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Chrysene	**0.066**		0.020	0.0043	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
DCPA	ND		0.020	0.0040	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Dibenz(a,h)anthracene	**0.016**	**J**	0.020	0.0041	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Dibenzofuran	**0.015**	**J**	0.020	0.0029	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Dibenzothiophene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Diethyl phthalate	ND		0.50	0.0042	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Dimethyl phthalate	ND		0.50	0.0056	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Di-n-butyl phthalate	**0.064**	**J B**	0.50	0.0025	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Di-n-octyl phthalate	ND		0.50	0.067	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Fluoranthene	**0.11**		0.020	0.0031	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Fluorene	**0.0066**	**J**	0.020	0.0023	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Hexachloro-1,3-butadiene	ND		0.020	0.0057	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Hexachlorobenzene	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Hexachlorocyclopentadiene	ND		0.020	0.011	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Hexachloroethane	ND		0.020	0.0023	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Indeno[1,2,3-cd]pyrene	**0.037**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Isophorone	ND		0.99	0.0043	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Naphthalene	**0.046**		0.020	0.0017	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Nitrobenzene	ND		0.020	0.0051	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
N-Nitrosodimethylamine	ND		0.020	0.012	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
N-Nitrosodi-n-propylamine	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
N-Nitrosodiphenylamine	ND		0.020	0.0037	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Pentachlorophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Perthane	ND		0.020	0.0089	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Perylene	**0.018**	**J**	0.020	0.0027	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Phenanthrene	**0.077**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Phenol	**0.28**		0.020	0.0049	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Pyrene	**0.10**		0.020	0.0030	mg/Kg		08/25/21 08:17	08/25/21 19:27	2
Pyridine	ND		0.020	0.0055	mg/Kg		08/25/21 08:17	08/25/21 19:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*40*		*16 - 132*	*08/25/21 08:17*	*08/25/21 19:27*	*2*
2-Fluorophenol (Surr)	*33*		*13 - 120*	*08/25/21 08:17*	*08/25/21 19:27*	*2*
Nitrobenzene-d5 (Surr)	*33*		*14 - 120*	*08/25/21 08:17*	*08/25/21 19:27*	*2*
Phenol-d6 (Surr)	*36*		*12 - 120*	*08/25/21 08:17*	*08/25/21 19:27*	*2*
p-Terphenyl-d14 (Surr)	*37*		*24 - 120*	*08/25/21 08:17*	*08/25/21 19:27*	*2*
2-Fluorobiphenyl (Surr)	*34*		*19 - 120*	*08/25/21 08:17*	*08/25/21 19:27*	*2*

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.020	0.0058	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1,2-Dichlorobenzene	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1,3-Dichlorobenzene	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1,4-Dichlorobenzene	ND		0.020	0.0035	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1,6,7-Trimethylnaphthalene	**0.0094**	**J**	0.020	0.0037	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1-Methylnaphthalene	**0.076**		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
1-Methylphenanthrene	ND		0.020	0.0038	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4,5-Trichlorophenol	ND		0.50	0.0049	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4,6-Trichlorophenol	ND		0.50	0.0061	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4-Dichlorophenol	ND		0.50	0.0042	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4-Dimethylphenol	ND		1.0	0.15	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4-Dinitrophenol	ND		0.50	0.25	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,4-Dinitrotoluene	ND		0.020	0.0085	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,6-Dichlorophenol	ND		0.50	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,6-Dimethylnaphthalene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2,6-Dinitrotoluene	ND		0.020	0.0039	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Chloronaphthalene	ND		0.020	0.0048	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Chlorophenol	ND		0.020	0.0022	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Methylnaphthalene	**0.13**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Methylphenol	ND		0.50	0.0055	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Nitroaniline	ND		0.50	0.097	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
2-Nitrophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
3,3'-Dichlorobenzidine	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
3/4-Methylphenol	ND		0.20	0.0071	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
3-Nitroaniline	ND		0.50	0.33	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4,6-Dinitro-2-methylphenol	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Bromophenyl phenyl ether	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Chloro-3-methylphenol	ND		0.50	0.0088	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Chloroaniline	ND		0.50	0.13	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Chlorophenyl phenyl ether	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Nitroaniline	ND		0.50	0.38	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
4-Nitrophenol	ND		1.0	0.29	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Acenaphthene	**0.0068**	**J**	0.020	0.0019	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Acenaphthylene	**0.0084**	**J**	0.020	0.0039	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Aniline	**0.043**		0.020	0.011	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Anthracene	**0.017**	**J**	0.020	0.0038	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Azobenzene	ND		0.020	0.0025	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzidine	ND		0.50	0.16	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[a]anthracene	**0.044**		0.020	0.0026	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[a]pyrene	**0.044**		0.020	0.0035	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[b]fluoranthene	**0.055**		0.020	0.0033	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[e]pyrene	**0.057**		0.020	0.0076	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[g,h,i]perylene	**0.049**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzo[k]fluoranthene	**0.043**		0.020	0.0016	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzoic acid	ND		0.50	0.32	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Benzyl alcohol	ND		0.020	0.0080	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Biphenyl	**0.085**		0.020	0.0048	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Bis(2-chloroethoxy)methane	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Bis(2-chloroethyl)ether	ND		0.020	0.0067	mg/Kg		08/25/21 08:17	08/26/21 11:07	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-Chloroisopropyl) ether	ND		0.020	0.0078	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Bis(2-ethylhexyl) phthalate	**0.14**	**J**	0.50	0.055	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Butyl benzyl phthalate	**0.016**	**J B**	0.50	0.0026	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Chrysene	**0.050**		0.020	0.0043	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
DCPA	ND		0.020	0.0040	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Dibenz(a,h)anthracene	**0.012**	**J**	0.020	0.0041	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Dibenzofuran	**0.021**		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Dibenzothiophene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Diethyl phthalate	ND		0.50	0.0042	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Dimethyl phthalate	ND		0.50	0.0057	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Di-n-butyl phthalate	**0.022**	**J B**	0.50	0.0025	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Di-n-octyl phthalate	ND		0.50	0.067	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Fluoranthene	**0.083**		0.020	0.0031	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Fluorene	**0.0056**	**J**	0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Hexachloro-1,3-butadiene	ND		0.020	0.0058	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Hexachlorobenzene	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Hexachlorocyclopentadiene	ND		0.020	0.011	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Hexachloroethane	ND		0.020	0.0023	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Indeno[1,2,3-cd]pyrene	**0.038**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Isophorone	ND		1.0	0.0043	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Naphthalene	**0.49**		0.020	0.0017	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Nitrobenzene	ND		0.020	0.0051	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
N-Nitrosodimethylamine	ND		0.020	0.012	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
N-Nitrosodi-n-propylamine	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
N-Nitrosodiphenylamine	ND		0.020	0.0037	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Pentachlorophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Perthane	ND		0.020	0.0089	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Perylene	**0.016**	**J**	0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Phenanthrene	**0.062**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Phenol	**3.4**		0.020	0.0049	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Pyrene	**0.083**		0.020	0.0030	mg/Kg		08/25/21 08:17	08/26/21 11:07	2
Pyridine	ND		0.020	0.0055	mg/Kg		08/25/21 08:17	08/26/21 11:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*16 - 132*	*08/25/21 08:17*	*08/26/21 11:07*	*2*
2-Fluorophenol (Surr)	*65*		*13 - 120*	*08/25/21 08:17*	*08/26/21 11:07*	*2*
Nitrobenzene-d5 (Surr)	*64*		*14 - 120*	*08/25/21 08:17*	*08/26/21 11:07*	*2*
Phenol-d6 (Surr)	*70*		*12 - 120*	*08/25/21 08:17*	*08/26/21 11:07*	*2*
p-Terphenyl-d14 (Surr)	*69*		*24 - 120*	*08/25/21 08:17*	*08/26/21 11:07*	*2*
2-Fluorobiphenyl (Surr)	*62*		*19 - 120*	*08/25/21 08:17*	*08/26/21 11:07*	*2*

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.020	0.0058	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
1,2-Dichlorobenzene	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
1,3-Dichlorobenzene	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
1,4-Dichlorobenzene	ND		0.020	0.0035	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
1,6,7-Trimethylnaphthalene	**0.015**	**J**	0.020	0.0037	mg/Kg		08/25/21 08:17	08/26/21 11:26	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.061**		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
1-Methylphenanthrene	**0.041**		0.020	0.0038	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4,5-Trichlorophenol	ND		0.50	0.0049	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4,6-Trichlorophenol	ND		0.50	0.0061	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4-Dichlorophenol	ND		0.50	0.0042	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4-Dimethylphenol	ND		1.0	0.15	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4-Dinitrophenol	ND		0.50	0.25	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,4-Dinitrotoluene	ND		0.020	0.0085	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,6-Dichlorophenol	ND		0.50	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,6-Dimethylnaphthalene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2,6-Dinitrotoluene	**0.0083**	**J**	0.020	0.0039	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Chloronaphthalene	ND		0.020	0.0048	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Chlorophenol	ND		0.020	0.0022	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Methylnaphthalene	**0.11**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Methylphenol	ND		0.50	0.0056	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Nitroaniline	ND		0.50	0.098	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
2-Nitrophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
3,3'-Dichlorobenzidine	ND		0.50	0.15	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
3/4-Methylphenol	**0.017**	**J**	0.20	0.0072	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
3-Nitroaniline	ND		0.50	0.33	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4,6-Dinitro-2-methylphenol	ND		0.50	0.16	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Bromophenyl phenyl ether	ND		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Chloro-3-methylphenol	ND		0.50	0.0088	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Chloroaniline	ND		0.50	0.13	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Chlorophenyl phenyl ether	ND		0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Nitroaniline	ND		0.50	0.38	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
4-Nitrophenol	ND		1.0	0.29	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Acenaphthene	**0.021**		0.020	0.0019	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Acenaphthylene	**0.051**		0.020	0.0039	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Aniline	**0.086**		0.020	0.011	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Anthracene	**0.11**		0.020	0.0038	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Azobenzene	ND		0.020	0.0025	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzidine	ND		0.50	0.16	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[a]anthracene	**0.24**		0.020	0.0026	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[a]pyrene	**0.23**		0.020	0.0035	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[b]fluoranthene	**0.26**		0.020	0.0033	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[e]pyrene	**0.25**		0.020	0.0076	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[g,h,i]perylene	**0.22**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzo[k]fluoranthene	**0.20**		0.020	0.0016	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzoic acid	ND		0.50	0.32	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Benzyl alcohol	ND		0.020	0.0080	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Biphenyl	**0.065**		0.020	0.0048	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Bis(2-chloroethoxy)methane	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Bis(2-chloroethyl)ether	ND		0.020	0.0067	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
bis (2-Chloroisopropyl) ether	ND		0.020	0.0078	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Bis(2-ethylhexyl) phthalate	**0.12**	**J**	0.50	0.055	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Butyl benzyl phthalate	**0.015**	**J B**	0.50	0.0026	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Chrysene	**0.26**		0.020	0.0043	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
DCPA	ND		0.020	0.0040	mg/Kg		08/25/21 08:17	08/26/21 11:26	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	**0.064**		0.020	0.0041	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Dibenzofuran	**0.038**		0.020	0.0029	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Dibenzothiophene	ND		0.020	0.0034	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Diethyl phthalate	ND		0.50	0.0043	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Dimethyl phthalate	**0.014**	**J**	0.50	0.0057	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Di-n-butyl phthalate	**0.028**	**J B**	0.50	0.0025	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Di-n-octyl phthalate	ND		0.50	0.067	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Fluoranthene	**0.37**		0.020	0.0031	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Fluorene	ND		0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Hexachloro-1,3-butadiene	ND		0.020	0.0058	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Hexachlorobenzene	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Hexachlorocyclopentadiene	ND		0.020	0.012	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Hexachloroethane	ND		0.020	0.0023	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Indeno[1,2,3-cd]pyrene	**0.17**		0.020	0.0024	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Isophorone	ND		1.0	0.0043	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Naphthalene	**0.29**		0.020	0.0017	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Nitrobenzene	ND		0.020	0.0051	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
N-Nitrosodimethylamine	ND		0.020	0.012	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
N-Nitrosodi-n-propylamine	ND		0.020	0.0018	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
N-Nitrosodiphenylamine	**0.011**	**J**	0.020	0.0037	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Pentachlorophenol	ND		0.50	0.12	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Perthane	ND		0.020	0.0090	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Perylene	**0.074**		0.020	0.0027	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Phenanthrene	**0.20**		0.020	0.0036	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Phenol	**1.9**		0.020	0.0050	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Pyrene	**0.43**		0.020	0.0030	mg/Kg		08/25/21 08:17	08/26/21 11:26	2
Pyridine	ND		0.020	0.0055	mg/Kg		08/25/21 08:17	08/26/21 11:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*16 - 132*	*08/25/21 08:17*	*08/26/21 11:26*	*2*
2-Fluorophenol (Surr)	*58*		*13 - 120*	*08/25/21 08:17*	*08/26/21 11:26*	*2*
Nitrobenzene-d5 (Surr)	*54*		*14 - 120*	*08/25/21 08:17*	*08/26/21 11:26*	*2*
Phenol-d6 (Surr)	*62*		*12 - 120*	*08/25/21 08:17*	*08/26/21 11:26*	*2*
p-Terphenyl-d14 (Surr)	*69*		*24 - 120*	*08/25/21 08:17*	*08/26/21 11:26*	*2*
2-Fluorobiphenyl (Surr)	*55*		*19 - 120*	*08/25/21 08:17*	*08/26/21 11:26*	*2*

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.020	0.0057	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1,2-Dichlorobenzene	ND		0.020	0.0027	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1,3-Dichlorobenzene	ND		0.020	0.0028	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1,4-Dichlorobenzene	ND		0.020	0.0034	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1,6,7-Trimethylnaphthalene	**0.022**		0.020	0.0037	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1-Methylnaphthalene	**0.056**		0.020	0.0028	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
1-Methylphenanthrene	**0.088**		0.020	0.0037	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,4,5-Trichlorophenol	ND		0.49	0.0049	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,4,6-Trichlorophenol	ND		0.49	0.0060	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,4-Dichlorophenol	ND		0.49	0.0041	mg/Kg		08/25/21 08:44	08/26/21 11:44	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		0.98	0.14	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,4-Dinitrophenol	ND		0.49	0.25	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,4-Dinitrotoluene	ND		0.020	0.0084	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,6-Dichlorophenol	ND		0.49	0.0029	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,6-Dimethylnaphthalene	**0.016**	**J**	0.020	0.0034	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2,6-Dinitrotoluene	ND		0.020	0.0038	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Chloronaphthalene	ND		0.020	0.0047	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Chlorophenol	ND		0.020	0.0022	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Methylnaphthalene	**0.088**		0.020	0.0024	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Methylphenol	ND		0.49	0.0055	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Nitroaniline	ND		0.49	0.096	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
2-Nitrophenol	ND		0.49	0.11	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
3,3'-Dichlorobenzidine	ND		0.49	0.15	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
3/4-Methylphenol	**0.014**	**J**	0.20	0.0070	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
3-Nitroaniline	ND		0.49	0.32	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4,6-Dinitro-2-methylphenol	ND		0.49	0.15	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Bromophenyl phenyl ether	ND		0.020	0.0028	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Chloro-3-methylphenol	ND		0.49	0.0086	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Chloroaniline	ND		0.49	0.13	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Chlorophenyl phenyl ether	ND		0.020	0.0027	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Nitroaniline	ND		0.49	0.38	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
4-Nitrophenol	ND		0.98	0.29	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Acenaphthene	**0.026**		0.020	0.0019	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Acenaphthylene	**0.051**		0.020	0.0039	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Aniline	**0.047**		0.020	0.011	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Anthracene	**0.18**		0.020	0.0038	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Azobenzene	ND		0.020	0.0024	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzidine	ND		0.49	0.15	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[a]anthracene	**1.1**		0.020	0.0025	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[a]pyrene	**0.99**		0.020	0.0034	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[b]fluoranthene	**0.87**		0.020	0.0033	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[e]pyrene	**0.85**		0.020	0.0075	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[g,h,i]perylene	**0.55**		0.020	0.0035	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzo[k]fluoranthene	**0.90**		0.020	0.0016	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzoic acid	ND		0.49	0.32	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Benzyl alcohol	ND		0.020	0.0079	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Biphenyl	**0.064**		0.020	0.0047	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Bis(2-chloroethoxy)methane	ND		0.020	0.0034	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Bis(2-chloroethyl)ether	ND		0.020	0.0066	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
bis (2-Chloroisopropyl) ether	ND		0.020	0.0077	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Bis(2-ethylhexyl) phthalate	**0.14**	**J**	0.49	0.054	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Butyl benzyl phthalate	**0.014**	**J B**	0.49	0.0026	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Chrysene	**1.1**		0.020	0.0043	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
DCPA	ND		0.020	0.0039	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Dibenz(a,h)anthracene	**0.26**		0.020	0.0040	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Dibenzofuran	**0.036**		0.020	0.0028	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Dibenzothiophene	ND		0.020	0.0033	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Diethyl phthalate	ND		0.49	0.0042	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Dimethyl phthalate	ND		0.49	0.0056	mg/Kg		08/25/21 08:44	08/26/21 11:44	2

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**0.037**	**J B**	0.49	0.0024	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Di-n-octyl phthalate	ND		0.49	0.066	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Fluoranthene	**1.2**		0.020	0.0031	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Fluorene	**0.020**		0.020	0.0023	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Hexachloro-1,3-butadiene	ND		0.020	0.0057	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Hexachlorobenzene	ND		0.020	0.0018	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Hexachlorocyclopentadiene	ND		0.020	0.011	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Hexachloroethane	ND		0.020	0.0023	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Indeno[1,2,3-cd]pyrene	**0.54**		0.020	0.0024	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Isophorone	ND		0.98	0.0042	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Naphthalene	**0.31**		0.020	0.0017	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Nitrobenzene	ND		0.020	0.0051	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
N-Nitrosodimethylamine	ND		0.020	0.012	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
N-Nitrosodi-n-propylamine	ND		0.020	0.0018	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
N-Nitrosodiphenylamine	ND		0.020	0.0036	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Pentachlorophenol	ND		0.49	0.12	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Perthane	ND		0.020	0.0088	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Perylene	**0.27**		0.020	0.0026	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Phenanthrene	**0.61**		0.020	0.0036	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Phenol	**2.3**		0.020	0.0049	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Pyrene	**1.5**		0.020	0.0030	mg/Kg		08/25/21 08:44	08/26/21 11:44	2
Pyridine	ND		0.020	0.0054	mg/Kg		08/25/21 08:44	08/26/21 11:44	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*16 - 132*	*08/25/21 08:44*	*08/26/21 11:44*	*2*
2-Fluorophenol (Surr)	*54*		*13 - 120*	*08/25/21 08:44*	*08/26/21 11:44*	*2*
Nitrobenzene-d5 (Surr)	*52*		*14 - 120*	*08/25/21 08:44*	*08/26/21 11:44*	*2*
Phenol-d6 (Surr)	*58*		*12 - 120*	*08/25/21 08:44*	*08/26/21 11:44*	*2*
p-Terphenyl-d14 (Surr)	*66*		*24 - 120*	*08/25/21 08:44*	*08/26/21 11:44*	*2*
2-Fluorobiphenyl (Surr)	*53*		*19 - 120*	*08/25/21 08:44*	*08/26/21 11:44*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C7 as C7	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C8 as C8	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C9-C10	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C11-C12	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C13-C14	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C15-C16	ND		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C17-C18	**6.6**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C19-C20	**32**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C21-C22	**25**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C23-C24	**13**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C25-C28	**31**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C29-C32	**43**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C33-C36	**37**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C37-C40	**31**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C41-C44	**14**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
C6-C44	**230**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1
Diesel Range Organics [C10-C28]	**110**		5.2	4.0	mg/Kg		08/26/21 11:32	08/26/21 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*60 - 138*	*08/26/21 11:32*	*08/26/21 17:12*	*1*

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C7 as C7	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C8 as C8	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C9-C10	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C11-C12	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C13-C14	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C15-C16	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C17-C18	ND		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C19-C20	**33**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C21-C22	**29**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C23-C24	**14**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C25-C28	**32**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C29-C32	**53**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C33-C36	**50**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C37-C40	**42**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C41-C44	**19**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
C6-C44	**270**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2
Diesel Range Organics [C10-C28]	**110**		9.8	7.5	mg/Kg		08/26/21 11:32	08/26/21 17:35	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*115*		*60 - 138*	*08/26/21 11:32*	*08/26/21 17:35*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C7 as C7	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C8 as C8	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C9-C10	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C11-C12	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C13-C14	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C15-C16	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C17-C18	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C19-C20	**21**	**J**	25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C21-C22	**26**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C23-C24	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C25-C28	**33**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C29-C32	ND		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C33-C36	**65**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C37-C40	**58**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C41-C44	**27**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
C6-C44	**300**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5
Diesel Range Organics [C10-C28]	**92**		25	19	mg/Kg		08/26/21 11:32	08/26/21 17:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*124*		*60 - 138*	*08/26/21 11:32*	*08/26/21 17:57*	*5*

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C7 as C7	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C8 as C8	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C9-C10	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C11-C12	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C13-C14	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C15-C16	**6.5**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C17-C18	**13**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C19-C20	**20**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C21-C22	**21**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C23-C24	**20**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C25-C28	**55**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C29-C32	**62**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C33-C36	**40**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C37-C40	**22**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C41-C44	ND		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
C6-C44	**250**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1
Diesel Range Organics [C10-C28]	**130**		5.1	4.0	mg/Kg		08/26/21 11:32	08/26/21 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*60 - 138*	*08/26/21 11:32*	*08/26/21 23:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C7 as C7	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C8 as C8	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C9-C10	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C11-C12	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C13-C14	**7.3**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C15-C16	**22**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C17-C18	**38**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C19-C20	**49**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C21-C22	**45**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C23-C24	**36**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C25-C28	**70**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C29-C32	**75**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C33-C36	**48**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C37-C40	**26**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C41-C44	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
C6-C44	**410**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1
Diesel Range Organics [C10-C28]	**270**		4.9	3.8	mg/Kg		08/26/21 11:32	08/26/21 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 138*	*08/26/21 11:32*	*08/26/21 23:53*	*1*

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C7 as C7	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C8 as C8	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C9-C10	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C11-C12	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C13-C14	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C15-C16	**12**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C17-C18	**26**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C19-C20	**30**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C21-C22	**27**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C23-C24	**24**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C25-C28	**53**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C29-C32	**58**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C33-C36	**44**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C37-C40	**25**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C41-C44	**6.9**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
C6-C44	**300**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1
Diesel Range Organics [C10-C28]	**170**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*60 - 138*	*08/26/21 11:32*	*08/27/21 00:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C7 as C7	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C8 as C8	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C9-C10	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C11-C12	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C13-C14	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C15-C16	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C17-C18	ND		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C19-C20	**8.1**	**J**	9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C21-C22	**12**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C23-C24	**14**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C25-C28	**39**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C29-C32	**49**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C33-C36	**35**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C37-C40	**22**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C41-C44	**7.9**	**J**	9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
C6-C44	**180**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2
Diesel Range Organics [C10-C28]	**74**		9.8	7.6	mg/Kg		08/26/21 11:32	08/27/21 00:37	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*60 - 138*	*08/26/21 11:32*	*08/27/21 00:37*	*2*

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C7 as C7	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C8 as C8	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C9-C10	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C11-C12	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C13-C14	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C15-C16	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C17-C18	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C19-C20	**8.5**	**J**	9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C21-C22	**12**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C23-C24	**12**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C25-C28	**36**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C29-C32	**47**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C33-C36	**35**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C37-C40	**19**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C41-C44	ND		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
C6-C44	**170**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2
Diesel Range Organics [C10-C28]	**73**		9.4	7.2	mg/Kg		08/26/21 11:32	08/27/21 00:59	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*60 - 138*	*08/26/21 11:32*	*08/27/21 00:59*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C7 as C7	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C8 as C8	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C9-C10	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C11-C12	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C13-C14	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C15-C16	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C17-C18	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C19-C20	**33**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C21-C22	**33**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C23-C24	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C25-C28	**32**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C29-C32	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C33-C36	**37**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C37-C40	**27**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C41-C44	ND		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
C6-C44	**230**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5
Diesel Range Organics [C10-C28]	**120**		26	20	mg/Kg		08/26/21 11:32	08/27/21 01:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*116*		*60 - 138*	*08/26/21 11:32*	*08/27/21 01:23*	*5*

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C7 as C7	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C8 as C8	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C9-C10	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C11-C12	**6.6**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C13-C14	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C15-C16	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C17-C18	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C19-C20	**5.8**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C21-C22	**7.0**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C23-C24	**5.1**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C25-C28	**12**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C29-C32	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C33-C36	**8.8**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C37-C40	**3.8**	**J**	4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C41-C44	ND		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
C6-C44	**58**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1
Diesel Range Organics [C10-C28]	**39**		4.9	3.8	mg/Kg		08/26/21 11:32	08/27/21 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*60 - 138*	*08/26/21 11:32*	*08/27/21 01:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C7 as C7	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C8 as C8	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C9-C10	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C11-C12	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C13-C14	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C15-C16	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C17-C18	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C19-C20	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C21-C22	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C23-C24	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C25-C28	**36**		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C29-C32	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C33-C36	**35**		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C37-C40	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C41-C44	ND		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
C6-C44	**170**		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5
Diesel Range Organics [C10-C28]	**76**		25	19	mg/Kg		08/26/21 11:32	08/27/21 02:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*60 - 138*	*08/26/21 11:32*	*08/27/21 02:06*	*5*

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C7 as C7	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C8 as C8	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C9-C10	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C11-C12	**5.1**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C13-C14	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C15-C16	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C17-C18	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C19-C20	**6.1**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C21-C22	**9.1**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C23-C24	**7.7**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C25-C28	**22**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C29-C32	**24**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C33-C36	**17**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C37-C40	**7.9**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C41-C44	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
C6-C44	**94**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1
Diesel Range Organics [C10-C28]	**52**		5.0	3.8	mg/Kg		08/26/21 11:32	08/27/21 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*60 - 138*	*08/26/21 11:32*	*08/27/21 02:29*	*1*

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C7 as C7	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C8 as C8	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C9-C10	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C11-C12	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C13-C14	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C15-C16	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C17-C18	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C19-C20	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C21-C22	**4.4**	**J**	5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C23-C24	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C25-C28	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C29-C32	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C33-C36	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C37-C40	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C41-C44	ND		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
C6-C44	**16**		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1
Diesel Range Organics [C10-C28]	**12**		5.1	3.9	mg/Kg		08/26/21 11:32	08/27/21 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*08/26/21 11:32*	*08/27/21 02:51*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.861**	**J**	1.04	0.233	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Arsenic	**3.26**		2.59	2.35	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Barium	**54.6**	**F1**	0.518	0.230	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Beryllium	ND		0.259	0.177	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Cadmium	**5.12**		0.518	0.209	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Cobalt	**6.42**		1.04	0.236	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Chromium	**18.3**		1.04	0.182	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Copper	**196**		1.04	0.525	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Molybdenum	**4.45**		0.518	0.467	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Nickel	**29.3**	**F1**	0.518	0.445	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Antimony	**3.52**	**F1**	3.11	1.40	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Selenium	ND	F1 L	5.18	1.92	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Thallium	ND		5.18	1.54	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Vanadium	**6.56**		1.04	0.178	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Zinc	**641**		10.4	5.30	mg/Kg		08/26/21 06:08	08/26/21 09:57	1
Lead	**717**		5.18	1.00	mg/Kg		08/26/21 06:08	08/26/21 09:57	1

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.953**	**J**	1.05	0.236	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Arsenic	**2.98**		2.62	2.37	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Barium	**66.2**		0.524	0.232	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Beryllium	ND		0.262	0.179	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Cadmium	**5.10**		0.524	0.211	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Cobalt	**5.81**		1.05	0.238	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Chromium	**18.8**		1.05	0.184	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Copper	**148**		1.05	0.531	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Molybdenum	**3.82**		0.524	0.472	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Nickel	**24.7**		0.524	0.450	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Antimony	**4.08**		3.14	1.42	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Selenium	ND		5.24	1.94	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Thallium	ND		5.24	1.55	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Vanadium	**6.51**		1.05	0.180	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Zinc	**618**		10.5	5.36	mg/Kg		08/26/21 06:08	08/26/21 10:10	1
Lead	**729**		5.24	1.01	mg/Kg		08/26/21 06:08	08/26/21 10:10	1

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.514**	**J**	0.952	0.214	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Arsenic	ND		2.38	2.16	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Barium	**40.6**		0.476	0.211	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Beryllium	ND		0.238	0.163	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Cadmium	**2.46**		0.476	0.192	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Cobalt	**4.15**		0.952	0.216	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Chromium	**11.5**		0.952	0.167	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Copper	**206**		0.952	0.483	mg/Kg		08/26/21 06:08	08/26/21 10:12	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	2.79		0.476	0.429	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Nickel	20.6		0.476	0.409	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Antimony	2.74	J	2.86	1.29	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Selenium	ND		4.76	1.76	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Thallium	ND		4.76	1.41	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Vanadium	3.97		0.952	0.163	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Zinc	424		9.52	4.87	mg/Kg		08/26/21 06:08	08/26/21 10:12	1
Lead	359		4.76	0.921	mg/Kg		08/26/21 06:08	08/26/21 10:12	1

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	5.80		1.04	0.235	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Arsenic	7.60		2.60	2.36	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Barium	57.2		0.521	0.231	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Beryllium	ND		0.260	0.178	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Cadmium	11.3		0.521	0.210	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Cobalt	6.91		1.04	0.237	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Chromium	22.7		1.04	0.183	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Copper	1600		1.04	0.528	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Molybdenum	3.93		0.521	0.469	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Nickel	53.7		0.521	0.447	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Antimony	13.2		3.13	1.41	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Selenium	ND		5.21	1.93	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Thallium	ND		5.21	1.54	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Vanadium	7.77		1.04	0.179	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Zinc	1190		10.4	5.33	mg/Kg		08/26/21 06:08	08/26/21 10:15	1
Lead	2010		5.21	1.01	mg/Kg		08/26/21 06:08	08/26/21 10:15	1

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	6.49		1.01	0.226	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Arsenic	6.19		2.51	2.28	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Barium	43.2		0.503	0.223	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Beryllium	ND		0.251	0.172	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Cadmium	10.9		0.503	0.203	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Cobalt	4.64		1.01	0.228	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Chromium	13.8		1.01	0.177	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Copper	4420		1.01	0.510	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Molybdenum	2.89		0.503	0.453	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Nickel	53.3		0.503	0.432	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Antimony	16.3		3.02	1.36	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Selenium	ND		5.03	1.86	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Thallium	ND		5.03	1.49	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Vanadium	5.30		1.01	0.173	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Zinc	1180		10.1	5.14	mg/Kg		08/26/21 06:08	08/26/21 10:18	1
Lead	2090		5.03	0.972	mg/Kg		08/26/21 06:08	08/26/21 10:18	1

Method: 6010B - Metals (ICP)

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	5.78		1.02	0.229	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Arsenic	4.58		2.54	2.30	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Barium	45.0		0.508	0.225	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Beryllium	ND		0.254	0.174	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Cadmium	9.98		0.508	0.205	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Cobalt	4.33		1.02	0.231	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Chromium	12.0		1.02	0.178	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Copper	308		1.02	0.515	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Molybdenum	2.31		0.508	0.457	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Nickel	17.4		0.508	0.436	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Antimony	8.79		3.05	1.38	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Selenium	ND		5.08	1.88	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Thallium	ND		5.08	1.50	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Vanadium	7.17		1.02	0.174	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Zinc	788		10.2	5.19	mg/Kg		08/26/21 06:08	08/26/21 10:20	1
Lead	1420		5.08	0.982	mg/Kg		08/26/21 06:08	08/26/21 10:20	1

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.63		1.16	0.261	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Arsenic	9.56		2.90	2.63	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Barium	81.7		0.580	0.257	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Beryllium	ND		0.290	0.198	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Cadmium	3.13		0.580	0.234	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Cobalt	6.74		1.16	0.264	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Chromium	15.3		1.16	0.204	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Copper	3000		1.16	0.588	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Molybdenum	2.44		0.580	0.523	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Nickel	36.8		0.580	0.498	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Antimony	5.63		3.48	1.57	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Selenium	ND	L	5.80	2.15	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Thallium	ND		5.80	1.72	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Vanadium	12.4		1.16	0.199	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Zinc	684		11.6	5.94	mg/Kg		08/26/21 06:08	08/26/21 10:23	1
Lead	570		5.80	1.12	mg/Kg		08/26/21 06:08	08/26/21 10:23	1

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.567	J	0.976	0.220	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Arsenic	5.42		2.44	2.21	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Barium	68.3		0.488	0.216	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Beryllium	ND		0.244	0.167	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Cadmium	3.57		0.488	0.197	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Cobalt	5.73		0.976	0.222	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Chromium	15.4		0.976	0.171	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Copper	1060		0.976	0.495	mg/Kg		08/26/21 06:08	08/26/21 10:25	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	2.38		0.488	0.440	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Nickel	21.3		0.488	0.419	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Antimony	3.73		2.93	1.32	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Selenium	ND		4.88	1.81	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Thallium	ND		4.88	1.45	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Vanadium	10.8		0.976	0.167	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Zinc	754		9.76	4.99	mg/Kg		08/26/21 06:08	08/26/21 10:25	1
Lead	529		4.88	0.943	mg/Kg		08/26/21 06:08	08/26/21 10:25	1

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.334	J	1.01	0.227	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Arsenic	9.25		2.52	2.29	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Barium	52.4		0.505	0.224	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Beryllium	ND		0.252	0.173	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Cadmium	2.24		0.505	0.204	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Cobalt	4.13		1.01	0.230	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Chromium	10.1		1.01	0.177	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Copper	270		1.01	0.512	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Molybdenum	2.41		0.505	0.455	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Nickel	15.9		0.505	0.433	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Antimony	3.10		3.03	1.37	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Selenium	ND		5.05	1.87	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Thallium	ND		5.05	1.50	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Vanadium	6.47		1.01	0.173	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Zinc	331		10.1	5.16	mg/Kg		08/26/21 06:08	08/26/21 10:28	1
Lead	358		5.05	0.976	mg/Kg		08/26/21 06:08	08/26/21 10:28	1

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.27		1.11	0.249	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Arsenic	5.23		2.76	2.50	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Barium	41.8		0.553	0.245	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Beryllium	ND		0.276	0.189	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Cadmium	5.07		0.553	0.223	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Cobalt	4.88		1.11	0.251	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Chromium	16.5		1.11	0.194	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Copper	3030		1.11	0.560	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Molybdenum	2.59		0.553	0.498	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Nickel	43.2		0.553	0.475	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Antimony	4.74		3.32	1.50	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Selenium	ND		5.53	2.05	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Thallium	ND		5.53	1.64	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Vanadium	9.33		1.11	0.190	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Zinc	1590		11.1	5.65	mg/Kg		08/26/21 06:08	08/26/21 10:30	1
Lead	631		5.53	1.07	mg/Kg		08/26/21 06:08	08/26/21 10:30	1

Method: 6010B - Metals (ICP)

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.780**	**J**	0.971	0.219	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Arsenic	**7.13**		2.43	2.20	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Barium	**98.6**		0.485	0.215	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Beryllium	ND	L	0.243	0.166	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Cadmium	**3.48**		0.485	0.196	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Cobalt	**7.72**		0.971	0.221	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Chromium	**21.2**		0.971	0.171	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Copper	**1240**		0.971	0.492	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Molybdenum	**3.99**		0.485	0.437	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Nickel	**32.8**		0.485	0.417	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Antimony	**8.30**		2.91	1.32	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Selenium	ND	L	4.85	1.80	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Thallium	ND		4.85	1.44	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Vanadium	**11.9**		0.971	0.167	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Zinc	**895**		9.71	4.97	mg/Kg		08/26/21 06:08	08/26/21 10:33	1
Lead	**673**		4.85	0.939	mg/Kg		08/26/21 06:08	08/26/21 10:33	1

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**1.20**		1.06	0.238	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Arsenic	**8.16**		2.64	2.39	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Barium	**98.7**		0.528	0.234	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Beryllium	ND	L	0.264	0.180	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Cadmium	**4.87**		0.528	0.213	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Cobalt	**8.32**		1.06	0.240	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Chromium	**25.3**		1.06	0.186	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Copper	**999**		1.06	0.535	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Molybdenum	**4.01**		0.528	0.475	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Nickel	**43.6**		0.528	0.453	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Antimony	**8.74**		3.17	1.43	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Selenium	ND	L	5.28	1.95	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Thallium	ND		5.28	1.56	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Vanadium	**14.4**		1.06	0.181	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Zinc	**920**		10.6	5.40	mg/Kg		08/26/21 06:08	08/26/21 10:52	1
Lead	**775**		5.28	1.02	mg/Kg		08/26/21 06:08	08/26/21 10:52	1

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.03	0.232	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Arsenic	ND		2.57	2.33	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Barium	**36.0**		0.515	0.228	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Beryllium	ND		0.257	0.176	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Cadmium	**0.565**		0.515	0.208	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Cobalt	**4.72**		1.03	0.234	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Chromium	**7.65**		1.03	0.181	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Copper	**6.06**		1.03	0.522	mg/Kg		08/26/21 06:08	08/26/21 10:54	1

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55

Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.750**		0.515	0.464	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Nickel	**3.18**		0.515	0.442	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Antimony	ND		3.09	1.40	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Selenium	ND		5.15	1.91	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Thallium	ND		5.15	1.53	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Vanadium	**13.0**		1.03	0.177	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Zinc	**24.3**		10.3	5.27	mg/Kg		08/26/21 06:08	08/26/21 10:54	1
Lead	**7.94**		5.15	0.995	mg/Kg		08/26/21 06:08	08/26/21 10:54	1

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 7471A - Mercury (CVAA)

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0638	J	0.0820	0.0133	mg/Kg		08/26/21 07:45	08/26/21 13:07	1

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0356	J	0.0833	0.0135	mg/Kg		08/26/21 07:45	08/26/21 13:09	1

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0442	J	0.0862	0.0140	mg/Kg		08/26/21 07:45	08/26/21 13:11	1

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0368	J	0.0806	0.0131	mg/Kg		08/26/21 07:45	08/26/21 13:13	1

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0495	J	0.0877	0.0142	mg/Kg		08/26/21 07:45	08/26/21 13:18	1

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.251		0.0833	0.0135	mg/Kg		08/26/21 07:45	08/26/21 13:20	1

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.133		0.0820	0.0133	mg/Kg		08/26/21 07:45	08/26/21 13:22	1

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.334		0.0847	0.0137	mg/Kg		08/26/21 07:45	08/26/21 13:24	1

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.175		0.0794	0.0129	mg/Kg		08/26/21 07:45	08/26/21 13:26	1

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 7471A - Mercury (CVAA)

Client Sample ID: SP-B17-A
Date Collected: 08/24/21 13:05
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.335**		0.0877	0.0142	mg/Kg		08/26/21 07:45	08/26/21 13:27	1

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.214**		0.0862	0.0140	mg/Kg		08/26/21 07:45	08/26/21 13:29	1

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.236**		0.0806	0.0131	mg/Kg		08/26/21 07:45	08/26/21 13:31	1

Client Sample ID: SP-B
Date Collected: 08/24/21 13:22
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/25/21 13:58	08/26/21 13:11	1

Surrogate Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-142)	(80-120)	(80-123)	(80-120)
570-68151-1	SP-SW3-A	121	82	101	96
570-68151-2	SP-SW3-B	120	82	101	97
570-68151-3	SP-SW3-C	121	86	102	97
570-68151-4	SP-SW2-A	114	104	102	102
570-68151-5	SP-SW2-B	115	104	104	102
570-68151-6	SP-SW2-C	110	109	102	104
570-68151-7	SP-B3-A	124	90	98	96
570-68151-8	SP-B3-B	125	94	98	96
570-68151-9	SP-B3-C	114	107	101	103
570-68151-10	SP-B17-A	114	98	95	99
570-68151-11	SP-B17-B	111	94	95	98
570-68151-12	SP-B17-C	114	108	104	105
570-68151-14	SP-B	122	99	96	96
LCS 570-174368/5	Lab Control Sample	98	101	95	103
LCS 570-174443/3	Lab Control Sample	97	105	99	104
LCSD 570-174368/4	Lab Control Sample Dup	98	103	98	102
LCSD 570-174443/4	Lab Control Sample Dup	98	108	99	103
MB 570-174368/7	Method Blank	112	99	95	97
MB 570-174443/6	Method Blank	101	107	100	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-68151-13	TB082421	96	96	104	101
LCS 570-174177/3	Lab Control Sample	102	91	103	98
LCSD 570-174177/4	Lab Control Sample Dup	102	91	103	98
MB 570-174177/7	Method Blank	93	95	102	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	2FP	NBZ	PHL6	TPHd14	FBP
Lab Sample ID	Client Sample ID	(16-132)	(13-120)	(14-120)	(12-120)	(24-120)	(19-120)
570-68151-1	SP-SW3-A	52	40	39	43	49	43
570-68151-2	SP-SW3-B	47	45	42	48	43	43

Surrogate Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (16-132)	2FP (13-120)	NBZ (14-120)	PHL6 (12-120)	TPHd14 (24-120)	FBP (19-120)
570-68151-3	SP-SW3-C	51	41	40	46	52	42
570-68151-4	SP-SW2-A	51	45	46	51	49	49
570-68151-5	SP-SW2-B	57	56	55	61	53	58
570-68151-6	SP-SW2-C	58	52	53	56	54	58
570-68151-7	SP-B3-A	56	51	50	55	53	52
570-68151-8	SP-B3-B	57	44	46	49	58	49
570-68151-9	SP-B3-C	40	33	33	36	37	34
570-68151-10	SP-B17-A	69	65	64	70	69	62
570-68151-11	SP-B17-B	69	58	54	62	69	55
570-68151-12	SP-B17-C	60	54	52	58	66	53
LCS 570-173962/2-A	Lab Control Sample	85	97	69	102	97	83
LCSD 570-173962/3-A	Lab Control Sample Dup	76	90	63	96	87	74
MB 570-173962/1-A	Method Blank	82	86	81	89	86	85

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-68151-1	SP-SW3-A	118
570-68151-1 MS	SP-SW3-A	104
570-68151-1 MSD	SP-SW3-A	105
570-68151-2	SP-SW3-B	115
570-68151-3	SP-SW3-C	124
570-68151-4	SP-SW2-A	108
570-68151-5	SP-SW2-B	114
570-68151-6	SP-SW2-C	105
570-68151-7	SP-B3-A	110
570-68151-8	SP-B3-B	112
570-68151-9	SP-B3-C	116
570-68151-10	SP-B17-A	105
570-68151-11	SP-B17-B	95
570-68151-12	SP-B17-C	98
570-68151-14	SP-B	107
LCS 570-174568/2-A	Lab Control Sample	91
LCSD 570-174568/3-A	Lab Control Sample Dup	112
MB 570-174568/1-A	Method Blank	105

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-174177/7
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			08/25/21 12:33	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			08/25/21 12:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			08/25/21 12:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			08/25/21 12:33	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			08/25/21 12:33	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			08/25/21 12:33	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			08/25/21 12:33	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			08/25/21 12:33	1
1,2,3-Trichlorobenzene	ND		1.0	0.43	ug/L			08/25/21 12:33	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			08/25/21 12:33	1
1,2,4-Trichlorobenzene	0.5008	J	1.0	0.36	ug/L			08/25/21 12:33	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			08/25/21 12:33	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			08/25/21 12:33	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			08/25/21 12:33	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			08/25/21 12:33	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			08/25/21 12:33	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			08/25/21 12:33	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			08/25/21 12:33	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			08/25/21 12:33	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			08/25/21 12:33	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/25/21 12:33	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			08/25/21 12:33	1
2-Butanone	ND		20	3.6	ug/L			08/25/21 12:33	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			08/25/21 12:33	1
2-Hexanone	ND		10	3.1	ug/L			08/25/21 12:33	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			08/25/21 12:33	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			08/25/21 12:33	1
Acetone	ND		20	10	ug/L			08/25/21 12:33	1
Benzene	ND		0.50	0.20	ug/L			08/25/21 12:33	1
Bromobenzene	ND		1.0	0.30	ug/L			08/25/21 12:33	1
Bromochloromethane	ND		2.0	0.30	ug/L			08/25/21 12:33	1
Bromodichloromethane	ND		1.0	0.28	ug/L			08/25/21 12:33	1
Bromoform	ND		5.0	1.5	ug/L			08/25/21 12:33	1
Bromomethane	ND		25	15	ug/L			08/25/21 12:33	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			08/25/21 12:33	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/25/21 12:33	1
Carbon disulfide	ND		10	0.40	ug/L			08/25/21 12:33	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			08/25/21 12:33	1
Chlorobenzene	ND		1.0	0.21	ug/L			08/25/21 12:33	1
Chloroethane	ND		5.0	2.4	ug/L			08/25/21 12:33	1
Chloroform	ND		1.0	0.50	ug/L			08/25/21 12:33	1
Chloromethane	ND		10	2.3	ug/L			08/25/21 12:33	1
Dibromochloromethane	ND		2.0	0.34	ug/L			08/25/21 12:33	1
Dibromomethane	ND		1.0	0.38	ug/L			08/25/21 12:33	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			08/25/21 12:33	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			08/25/21 12:33	1
Ethanol	ND		100	60	ug/L			08/25/21 12:33	1
Ethylbenzene	ND		1.0	0.33	ug/L			08/25/21 12:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-174177/7
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			08/25/21 12:33	1
Isopropylbenzene	ND		1.0	0.37	ug/L			08/25/21 12:33	1
Methylene Chloride	ND		10	4.0	ug/L			08/25/21 12:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			08/25/21 12:33	1
Naphthalene	ND		10	5.0	ug/L			08/25/21 12:33	1
n-Butylbenzene	ND		1.0	0.29	ug/L			08/25/21 12:33	1
N-Propylbenzene	ND		1.0	0.41	ug/L			08/25/21 12:33	1
o-Xylene	ND		1.0	0.26	ug/L			08/25/21 12:33	1
m,p-Xylene	ND		2.0	0.48	ug/L			08/25/21 12:33	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			08/25/21 12:33	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			08/25/21 12:33	1
Styrene	ND		1.0	0.38	ug/L			08/25/21 12:33	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			08/25/21 12:33	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			08/25/21 12:33	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			08/25/21 12:33	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			08/25/21 12:33	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			08/25/21 12:33	1
Tetrachloroethene	ND		1.0	0.35	ug/L			08/25/21 12:33	1
Toluene	ND		1.0	0.34	ug/L			08/25/21 12:33	1
Trichloroethene	ND		1.0	0.35	ug/L			08/25/21 12:33	1
Trichlorofluoromethane	ND		10	0.36	ug/L			08/25/21 12:33	1
Vinyl acetate	ND		10	4.6	ug/L			08/25/21 12:33	1
Vinyl chloride	ND		0.50	0.26	ug/L			08/25/21 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*08/25/21 12:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/25/21 12:33*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*08/25/21 12:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/25/21 12:33*	*1*

Lab Sample ID: LCS 570-174177/3
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	43.36		ug/L		87	80 - 128
1,1,1-Trichloroethane	50.0	45.92		ug/L		92	76 - 122
1,1,2,2-Tetrachloroethane	50.0	52.22		ug/L		104	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.78		ug/L		96	53 - 122
1,1,2-Trichloroethane	50.0	46.46		ug/L		93	80 - 120
1,1-Dichloroethane	50.0	43.93		ug/L		88	72 - 120
1,1-Dichloroethene	50.0	44.76		ug/L		90	64 - 121
1,1-Dichloropropene	50.0	51.11		ug/L		102	77 - 120
1,2,3-Trichlorobenzene	50.0	52.22		ug/L		104	78 - 136
1,2,3-Trichloropropane	50.0	47.20		ug/L		94	74 - 120
1,2,4-Trichlorobenzene	50.0	52.35		ug/L		105	73 - 138
1,2,4-Trimethylbenzene	50.0	52.90		ug/L		106	80 - 121
1,2-Dibromo-3-Chloropropane	50.0	46.48		ug/L		93	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174177/3
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	50.0	46.34		ug/L		93	80 - 120
1,2-Dichlorobenzene	50.0	52.63		ug/L		105	80 - 120
1,2-Dichloroethane	50.0	43.42		ug/L		87	76 - 120
1,2-Dichloropropane	50.0	47.07		ug/L		94	73 - 122
1,3,5-Trimethylbenzene	50.0	47.07		ug/L		94	80 - 122
1,3-Dichlorobenzene	50.0	49.58		ug/L		99	80 - 120
1,3-Dichloropropane	50.0	46.30		ug/L		93	80 - 120
1,4-Dichlorobenzene	50.0	50.56		ug/L		101	80 - 120
2,2-Dichloropropane	50.0	45.90		ug/L		92	60 - 150
2-Butanone	50.0	41.41		ug/L		83	65 - 128
2-Chlorotoluene	50.0	46.35		ug/L		93	79 - 120
2-Hexanone	50.0	42.77		ug/L		86	61 - 140
4-Chlorotoluene	50.0	50.61		ug/L		101	80 - 120
4-Methyl-2-pentanone	50.0	43.04		ug/L		86	68 - 133
Acetone	50.0	41.47		ug/L		83	50 - 134
Benzene	50.0	47.43		ug/L		95	76 - 120
Bromobenzene	50.0	44.57		ug/L		89	80 - 125
Bromochloromethane	50.0	45.74		ug/L		91	79 - 120
Bromodichloromethane	50.0	46.74		ug/L		93	80 - 123
Bromoform	50.0	48.86		ug/L		98	80 - 128
Bromomethane	50.0	56.71		ug/L		113	64 - 150
cis-1,2-Dichloroethene	50.0	46.62		ug/L		93	80 - 120
cis-1,3-Dichloropropene	50.0	47.76		ug/L		96	75 - 133
Carbon disulfide	50.0	42.82		ug/L		86	67 - 126
Carbon tetrachloride	50.0	46.32		ug/L		93	80 - 127
Chlorobenzene	50.0	47.33		ug/L		95	80 - 120
Chloroethane	50.0	42.89		ug/L		86	67 - 128
Chloroform	50.0	46.39		ug/L		93	80 - 120
Chloromethane	50.0	45.30		ug/L		91	69 - 132
Dibromochloromethane	50.0	45.21		ug/L		90	79 - 130
Dibromomethane	50.0	47.72		ug/L		95	80 - 120
Dichlorodifluoromethane	50.0	34.62		ug/L		69	60 - 138
Di-isopropyl ether (DIPE)	50.0	40.36		ug/L		81	62 - 125
Ethanol	500	463.4		ug/L		93	50 - 120
Ethylbenzene	50.0	45.87		ug/L		92	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	44.87		ug/L		90	55 - 132
Isopropylbenzene	50.0	48.21		ug/L		96	80 - 123
Methylene Chloride	50.0	46.52		ug/L		93	62 - 133
Methyl-t-Butyl Ether (MTBE)	50.0	48.06		ug/L		96	64 - 120
Naphthalene	50.0	49.19		ug/L		98	80 - 120
n-Butylbenzene	50.0	55.47		ug/L		111	76 - 128
N-Propylbenzene	50.0	46.97		ug/L		94	80 - 122
o-Xylene	50.0	46.45		ug/L		93	80 - 121
m,p-Xylene	100	89.15		ug/L		89	74 - 122
p-Isopropyltoluene	50.0	50.66		ug/L		101	78 - 125
sec-Butylbenzene	50.0	54.43		ug/L		109	78 - 125
Styrene	50.0	46.63		ug/L		93	80 - 124
trans-1,2-Dichloroethene	50.0	45.80		ug/L		92	73 - 120
trans-1,3-Dichloropropene	50.0	49.40		ug/L		99	80 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174177/3
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tert-amyl-methyl ether (TAME)	50.0	44.60		ug/L		89	66 - 133
tert-Butyl alcohol (TBA)	250	242.8		ug/L		97	71 - 120
tert-Butylbenzene	50.0	50.96		ug/L		102	76 - 132
Tetrachloroethene	50.0	46.19		ug/L		92	72 - 135
Toluene	50.0	45.69		ug/L		91	76 - 120
Trichloroethene	50.0	47.67		ug/L		95	80 - 122
Trichlorofluoromethane	50.0	51.52		ug/L		103	69 - 139
Vinyl acetate	50.0	43.23		ug/L		86	74 - 147
Vinyl chloride	50.0	40.89		ug/L		82	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*78 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-174177/4
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	43.10		ug/L		86	80 - 128	1	20
1,1,1-Trichloroethane	50.0	44.72		ug/L		89	76 - 122	3	20
1,1,2,2-Tetrachloroethane	50.0	54.96		ug/L		110	79 - 120	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.69		ug/L		89	53 - 122	7	20
1,1,2-Trichloroethane	50.0	46.25		ug/L		92	80 - 120	0	20
1,1-Dichloroethane	50.0	43.36		ug/L		87	72 - 120	1	20
1,1-Dichloroethene	50.0	42.56		ug/L		85	64 - 121	5	20
1,1-Dichloropropene	50.0	49.32		ug/L		99	77 - 120	4	20
1,2,3-Trichlorobenzene	50.0	52.83		ug/L		106	78 - 136	1	20
1,2,3-Trichloropropane	50.0	47.67		ug/L		95	74 - 120	1	20
1,2,4-Trichlorobenzene	50.0	53.65		ug/L		107	73 - 138	2	20
1,2,4-Trimethylbenzene	50.0	53.91		ug/L		108	80 - 121	2	20
1,2-Dibromo-3-Chloropropane	50.0	48.58		ug/L		97	74 - 120	4	20
1,2-Dibromoethane	50.0	46.68		ug/L		93	80 - 120	1	20
1,2-Dichlorobenzene	50.0	53.40		ug/L		107	80 - 120	1	20
1,2-Dichloroethane	50.0	43.40		ug/L		87	76 - 120	0	20
1,2-Dichloropropane	50.0	45.69		ug/L		91	73 - 122	3	20
1,3,5-Trimethylbenzene	50.0	46.12		ug/L		92	80 - 122	2	20
1,3-Dichlorobenzene	50.0	51.11		ug/L		102	80 - 120	3	20
1,3-Dichloropropane	50.0	46.97		ug/L		94	80 - 120	1	20
1,4-Dichlorobenzene	50.0	51.57		ug/L		103	80 - 120	2	20
2,2-Dichloropropane	50.0	44.01		ug/L		88	60 - 150	4	20
2-Butanone	50.0	43.92		ug/L		88	65 - 128	6	20
2-Chlorotoluene	50.0	45.34		ug/L		91	79 - 120	2	20
2-Hexanone	50.0	44.58		ug/L		89	61 - 140	4	20
4-Chlorotoluene	50.0	50.97		ug/L		102	80 - 120	1	20
4-Methyl-2-pentanone	50.0	43.94		ug/L		88	68 - 133	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174177/4
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			50.0	42.26		ug/L		85	50 - 134	2	25
Benzene			50.0	45.75		ug/L		91	76 - 120	4	20
Bromobenzene			50.0	44.71		ug/L		89	80 - 125	0	20
Bromochloromethane			50.0	45.42		ug/L		91	79 - 120	1	20
Bromodichloromethane			50.0	46.27		ug/L		93	80 - 123	1	20
Bromoform			50.0	52.24		ug/L		104	80 - 128	7	20
Bromomethane			50.0	57.58		ug/L		115	64 - 150	2	20
cis-1,2-Dichloroethene			50.0	45.72		ug/L		91	80 - 120	2	20
cis-1,3-Dichloropropene			50.0	47.10		ug/L		94	75 - 133	1	20
Carbon disulfide			50.0	41.31		ug/L		83	67 - 126	4	20
Carbon tetrachloride			50.0	44.89		ug/L		90	80 - 127	3	20
Chlorobenzene			50.0	46.88		ug/L		94	80 - 120	1	20
Chloroethane			50.0	41.67		ug/L		83	67 - 128	3	20
Chloroform			50.0	45.20		ug/L		90	80 - 120	3	20
Chloromethane			50.0	44.41		ug/L		89	69 - 132	2	20
Dibromochloromethane			50.0	45.35		ug/L		91	79 - 130	0	20
Dibromomethane			50.0	47.80		ug/L		96	80 - 120	0	20
Dichlorodifluoromethane			50.0	32.74		ug/L		65	60 - 138	6	21
Di-isopropyl ether (DIPE)			50.0	40.21		ug/L		80	62 - 125	0	20
Ethanol			500	497.7		ug/L		100	50 - 120	7	25
Ethylbenzene			50.0	45.32		ug/L		91	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)			50.0	44.39		ug/L		89	55 - 132	1	20
Isopropylbenzene			50.0	47.33		ug/L		95	80 - 123	2	20
Methylene Chloride			50.0	45.57		ug/L		91	62 - 133	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	48.26		ug/L		97	64 - 120	0	20
Naphthalene			50.0	51.11		ug/L		102	80 - 120	4	20
n-Butylbenzene			50.0	55.36		ug/L		111	76 - 128	0	20
N-Propylbenzene			50.0	45.87		ug/L		92	80 - 122	2	20
o-Xylene			50.0	45.97		ug/L		92	80 - 121	1	20
m,p-Xylene			100	87.86		ug/L		88	74 - 122	1	20
p-Isopropyltoluene			50.0	50.45		ug/L		101	78 - 125	0	20
sec-Butylbenzene			50.0	54.43		ug/L		109	78 - 125	0	20
Styrene			50.0	46.02		ug/L		92	80 - 124	1	20
trans-1,2-Dichloroethene			50.0	43.59		ug/L		87	73 - 120	5	20
trans-1,3-Dichloropropene			50.0	49.34		ug/L		99	80 - 132	0	20
Tert-amyl-methyl ether (TAME)			50.0	44.86		ug/L		90	66 - 133	1	20
tert-Butyl alcohol (TBA)			250	245.6		ug/L		98	71 - 120	1	20
tert-Butylbenzene			50.0	50.56		ug/L		101	76 - 132	1	20
Tetrachloroethene			50.0	44.85		ug/L		90	72 - 135	3	20
Toluene			50.0	44.19		ug/L		88	76 - 120	3	20
Trichloroethene			50.0	45.67		ug/L		91	80 - 122	4	20
Trichlorofluoromethane			50.0	49.23		ug/L		98	69 - 139	5	20
Vinyl acetate			50.0	44.53		ug/L		89	74 - 147	3	20
Vinyl chloride			50.0	39.42		ug/L		79	70 - 124	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174177/4
Matrix: Water
Analysis Batch: 174177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	103		78 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 570-174368/7
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			08/26/21 00:30	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/26/21 00:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			08/26/21 00:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg			08/26/21 00:30	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			08/26/21 00:30	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			08/26/21 00:30	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			08/26/21 00:30	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			08/26/21 00:30	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			08/26/21 00:30	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			08/26/21 00:30	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			08/26/21 00:30	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 00:30	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			08/26/21 00:30	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			08/26/21 00:30	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/26/21 00:30	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			08/26/21 00:30	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			08/26/21 00:30	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 00:30	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/26/21 00:30	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			08/26/21 00:30	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			08/26/21 00:30	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			08/26/21 00:30	1
2-Butanone	ND		20	4.5	ug/Kg			08/26/21 00:30	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			08/26/21 00:30	1
2-Hexanone	ND		20	3.1	ug/Kg			08/26/21 00:30	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			08/26/21 00:30	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg			08/26/21 00:30	1
Acetone	ND		20	9.8	ug/Kg			08/26/21 00:30	1
Benzene	ND		1.0	0.26	ug/Kg			08/26/21 00:30	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/26/21 00:30	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			08/26/21 00:30	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg			08/26/21 00:30	1
Bromoform	ND		5.0	1.3	ug/Kg			08/26/21 00:30	1
Bromomethane	ND		20	6.6	ug/Kg			08/26/21 00:30	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			08/26/21 00:30	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			08/26/21 00:30	1
Carbon disulfide	ND		10	0.40	ug/Kg			08/26/21 00:30	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			08/26/21 00:30	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			08/26/21 00:30	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/26/21 00:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-174368/7
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.59	ug/Kg			08/26/21 00:30	1
Chloromethane	ND		20	1.5	ug/Kg			08/26/21 00:30	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			08/26/21 00:30	1
Dibromomethane	ND		1.0	0.31	ug/Kg			08/26/21 00:30	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			08/26/21 00:30	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			08/26/21 00:30	1
Ethanol	ND		250	66	ug/Kg			08/26/21 00:30	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			08/26/21 00:30	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			08/26/21 00:30	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg			08/26/21 00:30	1
Methylene Chloride	ND		10	3.1	ug/Kg			08/26/21 00:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			08/26/21 00:30	1
Naphthalene	ND		10	5.2	ug/Kg			08/26/21 00:30	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			08/26/21 00:30	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 00:30	1
o-Xylene	ND		1.0	0.60	ug/Kg			08/26/21 00:30	1
m,p-Xylene	ND		2.0	0.47	ug/Kg			08/26/21 00:30	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg			08/26/21 00:30	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg			08/26/21 00:30	1
Styrene	ND		1.0	0.70	ug/Kg			08/26/21 00:30	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			08/26/21 00:30	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			08/26/21 00:30	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			08/26/21 00:30	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			08/26/21 00:30	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			08/26/21 00:30	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			08/26/21 00:30	1
Toluene	ND		1.0	0.60	ug/Kg			08/26/21 00:30	1
Trichloroethene	ND		2.0	0.39	ug/Kg			08/26/21 00:30	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			08/26/21 00:30	1
Vinyl acetate	ND		10	3.9	ug/Kg			08/26/21 00:30	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			08/26/21 00:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 142*		*08/26/21 00:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/26/21 00:30*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*		*08/26/21 00:30*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/26/21 00:30*	*1*

Lab Sample ID: LCS 570-174368/5
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.21		ug/Kg		94	80 - 122
1,1,1-Trichloroethane	50.0	42.93		ug/Kg		86	73 - 122
1,1,2,2-Tetrachloroethane	50.0	48.22		ug/Kg		96	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	38.61		ug/Kg		77	66 - 120
1,1,2-Trichloroethane	50.0	47.81		ug/Kg		96	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174368/5
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	39.16		ug/Kg		78	71 - 120
1,1-Dichloroethene	50.0	39.84		ug/Kg		80	67 - 122
1,1-Dichloropropene	50.0	40.08		ug/Kg		80	74 - 125
1,2,3-Trichlorobenzene	50.0	50.59		ug/Kg		101	80 - 126
1,2,3-Trichloropropane	50.0	48.63		ug/Kg		97	74 - 122
1,2,4-Trichlorobenzene	50.0	51.86		ug/Kg		104	80 - 135
1,2,4-Trimethylbenzene	50.0	43.21		ug/Kg		86	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	39.03		ug/Kg		78	70 - 120
1,2-Dibromoethane	50.0	47.59		ug/Kg		95	80 - 123
1,2-Dichlorobenzene	50.0	47.53		ug/Kg		95	80 - 120
1,2-Dichloroethane	50.0	46.56		ug/Kg		93	80 - 125
1,2-Dichloropropane	50.0	42.42		ug/Kg		85	80 - 121
1,3,5-Trimethylbenzene	50.0	46.67		ug/Kg		93	80 - 120
1,3-Dichlorobenzene	50.0	47.15		ug/Kg		94	80 - 120
1,3-Dichloropropane	50.0	47.24		ug/Kg		94	80 - 120
1,4-Dichlorobenzene	50.0	46.17		ug/Kg		92	80 - 120
2,2-Dichloropropane	50.0	45.47		ug/Kg		91	67 - 131
2-Butanone	50.0	44.99		ug/Kg		90	62 - 131
2-Chlorotoluene	50.0	46.58		ug/Kg		93	80 - 120
2-Hexanone	50.0	49.08		ug/Kg		98	66 - 130
4-Chlorotoluene	50.0	46.00		ug/Kg		92	80 - 120
4-Methyl-2-pentanone	50.0	44.52		ug/Kg		89	70 - 125
Acetone	50.0	36.95		ug/Kg		74	56 - 130
Benzene	50.0	43.31		ug/Kg		87	79 - 120
Bromobenzene	50.0	48.14		ug/Kg		96	80 - 122
Bromochloromethane	50.0	46.23		ug/Kg		92	80 - 120
Bromodichloromethane	50.0	51.27		ug/Kg		103	80 - 126
Bromoform	50.0	49.47		ug/Kg		99	71 - 128
Bromomethane	50.0	39.12		ug/Kg		78	45 - 136
cis-1,2-Dichloroethene	50.0	42.19		ug/Kg		84	80 - 120
cis-1,3-Dichloropropene	50.0	47.85		ug/Kg		96	80 - 120
Carbon disulfide	50.0	41.45		ug/Kg		83	58 - 128
Carbon tetrachloride	50.0	44.28		ug/Kg		89	69 - 132
Chlorobenzene	50.0	44.59		ug/Kg		89	80 - 120
Chloroethane	50.0	45.23		ug/Kg		90	63 - 132
Chloroform	50.0	43.07		ug/Kg		86	78 - 121
Chloromethane	50.0	48.72		ug/Kg		97	46 - 130
Dibromochloromethane	50.0	47.32		ug/Kg		95	77 - 125
Dibromomethane	50.0	48.51		ug/Kg		97	80 - 123
Dichlorodifluoromethane	50.0	56.68		ug/Kg		113	59 - 127
Di-isopropyl ether (DIPE)	50.0	39.90		ug/Kg		80	62 - 128
Ethanol	500	531.2		ug/Kg		106	48 - 151
Ethylbenzene	50.0	45.02		ug/Kg		90	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	40.26		ug/Kg		81	66 - 123
Isopropylbenzene	50.0	43.29		ug/Kg		87	80 - 120
Methylene Chloride	50.0	40.43		ug/Kg		81	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	42.79		ug/Kg		86	68 - 120
Naphthalene	50.0	44.67		ug/Kg		89	78 - 121
n-Butylbenzene	50.0	43.92		ug/Kg		88	79 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174368/5
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Propylbenzene	50.0	46.43		ug/Kg		93	80 - 120
o-Xylene	50.0	48.68		ug/Kg		97	79 - 120
m,p-Xylene	100	93.13		ug/Kg		93	79 - 120
p-Isopropyltoluene	50.0	43.14		ug/Kg		86	80 - 121
sec-Butylbenzene	50.0	42.22		ug/Kg		84	80 - 120
Styrene	50.0	47.86		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	50.0	40.02		ug/Kg		80	72 - 120
trans-1,3-Dichloropropene	50.0	46.08		ug/Kg		92	80 - 126
Tert-amyl-methyl ether (TAME)	50.0	45.96		ug/Kg		92	76 - 123
tert-Butyl alcohol (TBA)	250	236.1		ug/Kg		94	74 - 127
tert-Butylbenzene	50.0	42.64		ug/Kg		85	80 - 120
Tetrachloroethene	50.0	48.05		ug/Kg		96	80 - 123
Toluene	50.0	45.67		ug/Kg		91	80 - 120
Trichloroethene	50.0	44.41		ug/Kg		89	80 - 121
Trichlorofluoromethane	50.0	54.35		ug/Kg		109	72 - 135
Vinyl acetate	50.0	42.94		ug/Kg		86	74 - 143
Vinyl chloride	50.0	44.26		ug/Kg		89	66 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 123*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-174368/4
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	54.15		ug/Kg		108	80 - 122	14	20
1,1,1-Trichloroethane	50.0	48.47		ug/Kg		97	73 - 122	12	20
1,1,2,2-Tetrachloroethane	50.0	52.06		ug/Kg		104	80 - 120	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.01		ug/Kg		92	66 - 120	17	20
1,1,2-Trichloroethane	50.0	53.11		ug/Kg		106	80 - 120	11	20
1,1-Dichloroethane	50.0	47.39		ug/Kg		95	71 - 120	19	20
1,1-Dichloroethene	50.0	46.44		ug/Kg		93	67 - 122	15	20
1,1-Dichloropropene	50.0	47.35		ug/Kg		95	74 - 125	17	20
1,2,3-Trichlorobenzene	50.0	55.12		ug/Kg		110	80 - 126	9	20
1,2,3-Trichloropropane	50.0	54.76		ug/Kg		110	74 - 122	12	20
1,2,4-Trichlorobenzene	50.0	54.12		ug/Kg		108	80 - 135	4	20
1,2,4-Trimethylbenzene	50.0	48.08		ug/Kg		96	80 - 120	11	20
1,2-Dibromo-3-Chloropropane	50.0	43.08		ug/Kg		86	70 - 120	10	20
1,2-Dibromoethane	50.0	53.05		ug/Kg		106	80 - 123	11	20
1,2-Dichlorobenzene	50.0	52.14		ug/Kg		104	80 - 120	9	20
1,2-Dichloroethane	50.0	49.02		ug/Kg		98	80 - 125	5	20
1,2-Dichloropropane	50.0	50.59		ug/Kg		101	80 - 121	18	20
1,3,5-Trimethylbenzene	50.0	54.69		ug/Kg		109	80 - 120	16	20
1,3-Dichlorobenzene	50.0	50.95		ug/Kg		102	80 - 120	8	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174368/4
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	50.0	52.97		ug/Kg		106	80 - 120	11	20
1,4-Dichlorobenzene	50.0	50.02		ug/Kg		100	80 - 120	8	20
2,2-Dichloropropane	50.0	50.35		ug/Kg		101	67 - 131	10	20
2-Butanone	50.0	51.41		ug/Kg		103	62 - 131	13	20
2-Chlorotoluene	50.0	53.49		ug/Kg		107	80 - 120	14	20
2-Hexanone	50.0	55.11		ug/Kg		110	66 - 130	12	20
4-Chlorotoluene	50.0	50.36		ug/Kg		101	80 - 120	9	20
4-Methyl-2-pentanone	50.0	50.29		ug/Kg		101	70 - 125	12	20
Acetone	50.0	42.96		ug/Kg		86	56 - 130	15	20
Benzene	50.0	50.61		ug/Kg		101	79 - 120	16	20
Bromobenzene	50.0	55.27		ug/Kg		111	80 - 122	14	20
Bromochloromethane	50.0	51.98		ug/Kg		104	80 - 120	12	20
Bromodichloromethane	50.0	55.69		ug/Kg		111	80 - 126	8	20
Bromoform	50.0	53.23		ug/Kg		106	71 - 128	7	20
Bromomethane	50.0	34.69		ug/Kg		69	45 - 136	12	20
cis-1,2-Dichloroethene	50.0	49.52		ug/Kg		99	80 - 120	16	20
cis-1,3-Dichloropropene	50.0	52.34		ug/Kg		105	80 - 120	9	20
Carbon disulfide	50.0	49.87		ug/Kg		100	58 - 128	18	20
Carbon tetrachloride	50.0	49.75		ug/Kg		100	69 - 132	12	20
Chlorobenzene	50.0	50.77		ug/Kg		102	80 - 120	13	20
Chloroethane	50.0	43.55		ug/Kg		87	63 - 132	4	20
Chloroform	50.0	49.58		ug/Kg		99	78 - 121	14	20
Chloromethane	50.0	36.53	*1	ug/Kg		73	46 - 130	29	20
Dibromochloromethane	50.0	53.11		ug/Kg		106	77 - 125	12	20
Dibromomethane	50.0	53.77		ug/Kg		108	80 - 123	10	20
Dichlorodifluoromethane	50.0	45.47	*1	ug/Kg		91	59 - 127	22	20
Di-isopropyl ether (DIPE)	50.0	49.73	*1	ug/Kg		99	62 - 128	22	20
Ethanol	500	595.2		ug/Kg		119	48 - 151	11	29
Ethylbenzene	50.0	51.91		ug/Kg		104	80 - 120	14	20
Ethyl-t-butyl ether (ETBE)	50.0	47.42		ug/Kg		95	66 - 123	16	20
Isopropylbenzene	50.0	50.85		ug/Kg		102	80 - 120	16	20
Methylene Chloride	50.0	48.63		ug/Kg		97	74 - 120	18	20
Methyl-t-Butyl Ether (MTBE)	50.0	49.15		ug/Kg		98	68 - 120	14	20
Naphthalene	50.0	48.93		ug/Kg		98	78 - 121	9	20
n-Butylbenzene	50.0	48.00		ug/Kg		96	79 - 125	9	20
N-Propylbenzene	50.0	54.40		ug/Kg		109	80 - 120	16	20
o-Xylene	50.0	56.03		ug/Kg		112	79 - 120	14	20
m,p-Xylene	100	107.4		ug/Kg		107	79 - 120	14	20
p-Isopropyltoluene	50.0	48.05		ug/Kg		96	80 - 121	11	20
sec-Butylbenzene	50.0	47.44		ug/Kg		95	80 - 120	12	20
Styrene	50.0	54.69		ug/Kg		109	80 - 120	13	20
trans-1,2-Dichloroethene	50.0	47.28		ug/Kg		95	72 - 120	17	20
trans-1,3-Dichloropropene	50.0	53.06		ug/Kg		106	80 - 126	14	20
Tert-amyl-methyl ether (TAME)	50.0	51.43		ug/Kg		103	76 - 123	11	20
tert-Butyl alcohol (TBA)	250	243.4		ug/Kg		97	74 - 127	3	20
tert-Butylbenzene	50.0	48.49		ug/Kg		97	80 - 120	13	20
Tetrachloroethene	50.0	54.35		ug/Kg		109	80 - 123	12	20
Toluene	50.0	50.92		ug/Kg		102	80 - 120	11	20
Trichloroethene	50.0	50.18		ug/Kg		100	80 - 121	12	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174368/4
Matrix: Solid
Analysis Batch: 174368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane			50.0	59.06		ug/Kg		118	72 - 135	8	20
Vinyl acetate			50.0	50.46		ug/Kg		101	74 - 143	16	20
Vinyl chloride			50.0	43.00		ug/Kg		86	66 - 128	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-174443/6
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			08/26/21 10:37	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/26/21 10:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			08/26/21 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg			08/26/21 10:37	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			08/26/21 10:37	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			08/26/21 10:37	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			08/26/21 10:37	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			08/26/21 10:37	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			08/26/21 10:37	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			08/26/21 10:37	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			08/26/21 10:37	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 10:37	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			08/26/21 10:37	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			08/26/21 10:37	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/26/21 10:37	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			08/26/21 10:37	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			08/26/21 10:37	1
1,3,5-Trimethylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 10:37	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			08/26/21 10:37	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			08/26/21 10:37	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			08/26/21 10:37	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			08/26/21 10:37	1
2-Butanone	ND		20	4.5	ug/Kg			08/26/21 10:37	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			08/26/21 10:37	1
2-Hexanone	ND		20	3.1	ug/Kg			08/26/21 10:37	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			08/26/21 10:37	1
4-Methyl-2-pentanone	ND		20	2.9	ug/Kg			08/26/21 10:37	1
Acetone	ND		20	9.8	ug/Kg			08/26/21 10:37	1
Benzene	ND		1.0	0.26	ug/Kg			08/26/21 10:37	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/26/21 10:37	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			08/26/21 10:37	1
Bromodichloromethane	ND		1.0	0.16	ug/Kg			08/26/21 10:37	1
Bromoform	ND		5.0	1.3	ug/Kg			08/26/21 10:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-174443/6
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		20	6.6	ug/Kg			08/26/21 10:37	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			08/26/21 10:37	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			08/26/21 10:37	1
Carbon disulfide	ND		10	0.40	ug/Kg			08/26/21 10:37	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			08/26/21 10:37	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			08/26/21 10:37	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/26/21 10:37	1
Chloroform	ND		1.0	0.59	ug/Kg			08/26/21 10:37	1
Chloromethane	ND		20	1.5	ug/Kg			08/26/21 10:37	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			08/26/21 10:37	1
Dibromomethane	ND		1.0	0.31	ug/Kg			08/26/21 10:37	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			08/26/21 10:37	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			08/26/21 10:37	1
Ethanol	ND		250	66	ug/Kg			08/26/21 10:37	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			08/26/21 10:37	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			08/26/21 10:37	1
Isopropylbenzene	ND		1.0	0.60	ug/Kg			08/26/21 10:37	1
Methylene Chloride	ND		10	3.1	ug/Kg			08/26/21 10:37	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			08/26/21 10:37	1
Naphthalene	ND		10	5.2	ug/Kg			08/26/21 10:37	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			08/26/21 10:37	1
N-Propylbenzene	ND		2.0	0.60	ug/Kg			08/26/21 10:37	1
o-Xylene	ND		1.0	0.60	ug/Kg			08/26/21 10:37	1
m,p-Xylene	ND		2.0	0.47	ug/Kg			08/26/21 10:37	1
p-Isopropyltoluene	ND		1.0	0.70	ug/Kg			08/26/21 10:37	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg			08/26/21 10:37	1
Styrene	ND		1.0	0.70	ug/Kg			08/26/21 10:37	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			08/26/21 10:37	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			08/26/21 10:37	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			08/26/21 10:37	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			08/26/21 10:37	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			08/26/21 10:37	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			08/26/21 10:37	1
Toluene	ND		1.0	0.60	ug/Kg			08/26/21 10:37	1
Trichloroethene	ND		2.0	0.39	ug/Kg			08/26/21 10:37	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			08/26/21 10:37	1
Vinyl acetate	ND		10	3.9	ug/Kg			08/26/21 10:37	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			08/26/21 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 142*		*08/26/21 10:37*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*08/26/21 10:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 123*		*08/26/21 10:37*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/26/21 10:37*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174443/3
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.14		ug/Kg		98	80 - 122
1,1,1-Trichloroethane	50.0	42.87		ug/Kg		86	73 - 122
1,1,2,2-Tetrachloroethane	50.0	51.16		ug/Kg		102	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.63		ug/Kg		87	66 - 120
1,1,2-Trichloroethane	50.0	50.19		ug/Kg		100	80 - 120
1,1-Dichloroethane	50.0	44.37		ug/Kg		89	71 - 120
1,1-Dichloroethene	50.0	41.55		ug/Kg		83	67 - 122
1,1-Dichloropropene	50.0	47.63		ug/Kg		95	74 - 125
1,2,3-Trichlorobenzene	50.0	56.33		ug/Kg		113	80 - 126
1,2,3-Trichloropropane	50.0	50.57		ug/Kg		101	74 - 122
1,2,4-Trichlorobenzene	50.0	57.32		ug/Kg		115	80 - 135
1,2,4-Trimethylbenzene	50.0	43.19		ug/Kg		86	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	47.38		ug/Kg		95	70 - 120
1,2-Dibromoethane	50.0	48.70		ug/Kg		97	80 - 123
1,2-Dichlorobenzene	50.0	48.25		ug/Kg		97	80 - 120
1,2-Dichloroethane	50.0	48.68		ug/Kg		97	80 - 125
1,2-Dichloropropane	50.0	49.23		ug/Kg		98	80 - 121
1,3,5-Trimethylbenzene	50.0	44.38		ug/Kg		89	80 - 120
1,3-Dichlorobenzene	50.0	47.05		ug/Kg		94	80 - 120
1,3-Dichloropropane	50.0	49.76		ug/Kg		100	80 - 120
1,4-Dichlorobenzene	50.0	46.96		ug/Kg		94	80 - 120
2,2-Dichloropropane	50.0	47.99		ug/Kg		96	67 - 131
2-Butanone	50.0	52.41		ug/Kg		105	62 - 131
2-Chlorotoluene	50.0	46.16		ug/Kg		92	80 - 120
2-Hexanone	50.0	52.68		ug/Kg		105	66 - 130
4-Chlorotoluene	50.0	45.22		ug/Kg		90	80 - 120
4-Methyl-2-pentanone	50.0	51.82		ug/Kg		104	70 - 125
Acetone	50.0	36.70		ug/Kg		73	56 - 130
Benzene	50.0	47.14		ug/Kg		94	79 - 120
Bromobenzene	50.0	49.44		ug/Kg		99	80 - 122
Bromochloromethane	50.0	44.52		ug/Kg		89	80 - 120
Bromodichloromethane	50.0	52.12		ug/Kg		104	80 - 126
Bromoform	50.0	51.63		ug/Kg		103	71 - 128
Bromomethane	50.0	51.05		ug/Kg		102	45 - 136
cis-1,2-Dichloroethene	50.0	45.75		ug/Kg		91	80 - 120
cis-1,3-Dichloropropene	50.0	53.82		ug/Kg		108	80 - 120
Carbon disulfide	50.0	42.77		ug/Kg		86	58 - 128
Carbon tetrachloride	50.0	41.77		ug/Kg		84	69 - 132
Chlorobenzene	50.0	49.50		ug/Kg		99	80 - 120
Chloroethane	50.0	48.76		ug/Kg		98	63 - 132
Chloroform	50.0	47.36		ug/Kg		95	78 - 121
Chloromethane	50.0	44.44		ug/Kg		89	46 - 130
Dibromochloromethane	50.0	50.05		ug/Kg		100	77 - 125
Dibromomethane	50.0	51.66		ug/Kg		103	80 - 123
Dichlorodifluoromethane	50.0	43.69		ug/Kg		87	59 - 127
Di-isopropyl ether (DIPE)	50.0	48.75		ug/Kg		98	62 - 128
Ethanol	500	515.0		ug/Kg		103	48 - 151
Ethylbenzene	50.0	46.03		ug/Kg		92	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174443/3
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl-t-butyl ether (ETBE)	50.0	44.31		ug/Kg		89	66 - 123
Isopropylbenzene	50.0	44.53		ug/Kg		89	80 - 120
Methylene Chloride	50.0	46.35		ug/Kg		93	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	48.34		ug/Kg		97	68 - 120
Naphthalene	50.0	44.43		ug/Kg		89	78 - 121
n-Butylbenzene	50.0	45.65		ug/Kg		91	79 - 125
N-Propylbenzene	50.0	46.48		ug/Kg		93	80 - 120
o-Xylene	50.0	45.60		ug/Kg		91	79 - 120
m,p-Xylene	100	90.71		ug/Kg		91	79 - 120
p-Isopropyltoluene	50.0	46.73		ug/Kg		93	80 - 121
sec-Butylbenzene	50.0	42.87		ug/Kg		86	80 - 120
Styrene	50.0	46.15		ug/Kg		92	80 - 120
trans-1,2-Dichloroethene	50.0	43.33		ug/Kg		87	72 - 120
trans-1,3-Dichloropropene	50.0	56.10		ug/Kg		112	80 - 126
Tert-amyl-methyl ether (TAME)	50.0	48.90		ug/Kg		98	76 - 123
tert-Butyl alcohol (TBA)	250	250.4		ug/Kg		100	74 - 127
tert-Butylbenzene	50.0	46.63		ug/Kg		93	80 - 120
Tetrachloroethene	50.0	49.22		ug/Kg		98	80 - 123
Toluene	50.0	47.19		ug/Kg		94	80 - 120
Trichloroethene	50.0	50.64		ug/Kg		101	80 - 121
Trichlorofluoromethane	50.0	49.46		ug/Kg		99	72 - 135
Vinyl acetate	50.0	50.35		ug/Kg		101	74 - 143
Vinyl chloride	50.0	48.00		ug/Kg		96	66 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 142*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 123*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: LCSD 570-174443/4
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	48.99		ug/Kg		98	80 - 122	0	20
1,1,1-Trichloroethane	50.0	43.90		ug/Kg		88	73 - 122	2	20
1,1,2,2-Tetrachloroethane	50.0	53.82		ug/Kg		108	80 - 120	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.11		ug/Kg		88	66 - 120	1	20
1,1,2-Trichloroethane	50.0	51.60		ug/Kg		103	80 - 120	3	20
1,1-Dichloroethane	50.0	44.68		ug/Kg		89	71 - 120	1	20
1,1-Dichloroethene	50.0	42.12		ug/Kg		84	67 - 122	1	20
1,1-Dichloropropene	50.0	48.12		ug/Kg		96	74 - 125	1	20
1,2,3-Trichlorobenzene	50.0	58.10		ug/Kg		116	80 - 126	3	20
1,2,3-Trichloropropane	50.0	51.77		ug/Kg		104	74 - 122	2	20
1,2,4-Trichlorobenzene	50.0	59.32		ug/Kg		119	80 - 135	3	20
1,2,4-Trimethylbenzene	50.0	44.53		ug/Kg		89	80 - 120	3	20
1,2-Dibromo-3-Chloropropane	50.0	51.34		ug/Kg		103	70 - 120	8	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174443/4
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	50.0	50.45		ug/Kg		101	80 - 123	4	20
1,2-Dichlorobenzene	50.0	49.27		ug/Kg		99	80 - 120	2	20
1,2-Dichloroethane	50.0	48.15		ug/Kg		96	80 - 125	1	20
1,2-Dichloropropane	50.0	49.33		ug/Kg		99	80 - 121	0	20
1,3,5-Trimethylbenzene	50.0	45.67		ug/Kg		91	80 - 120	3	20
1,3-Dichlorobenzene	50.0	48.25		ug/Kg		96	80 - 120	3	20
1,3-Dichloropropane	50.0	51.06		ug/Kg		102	80 - 120	3	20
1,4-Dichlorobenzene	50.0	48.26		ug/Kg		97	80 - 120	3	20
2,2-Dichloropropane	50.0	49.21		ug/Kg		98	67 - 131	3	20
2-Butanone	50.0	54.04		ug/Kg		108	62 - 131	3	20
2-Chlorotoluene	50.0	46.03		ug/Kg		92	80 - 120	0	20
2-Hexanone	50.0	53.95		ug/Kg		108	66 - 130	2	20
4-Chlorotoluene	50.0	47.04		ug/Kg		94	80 - 120	4	20
4-Methyl-2-pentanone	50.0	51.41		ug/Kg		103	70 - 125	1	20
Acetone	50.0	36.72		ug/Kg		73	56 - 130	0	20
Benzene	50.0	47.09		ug/Kg		94	79 - 120	0	20
Bromobenzene	50.0	50.00		ug/Kg		100	80 - 122	1	20
Bromochloromethane	50.0	44.68		ug/Kg		89	80 - 120	0	20
Bromodichloromethane	50.0	52.28		ug/Kg		105	80 - 126	0	20
Bromoform	50.0	54.19		ug/Kg		108	71 - 128	5	20
Bromomethane	50.0	49.51		ug/Kg		99	45 - 136	3	20
cis-1,2-Dichloroethene	50.0	46.47		ug/Kg		93	80 - 120	2	20
cis-1,3-Dichloropropene	50.0	53.93		ug/Kg		108	80 - 120	0	20
Carbon disulfide	50.0	44.45		ug/Kg		89	58 - 128	4	20
Carbon tetrachloride	50.0	42.93		ug/Kg		86	69 - 132	3	20
Chlorobenzene	50.0	49.85		ug/Kg		100	80 - 120	1	20
Chloroethane	50.0	50.32		ug/Kg		101	63 - 132	3	20
Chloroform	50.0	48.13		ug/Kg		96	78 - 121	2	20
Chloromethane	50.0	46.11		ug/Kg		92	46 - 130	4	20
Dibromochloromethane	50.0	51.54		ug/Kg		103	77 - 125	3	20
Dibromomethane	50.0	51.57		ug/Kg		103	80 - 123	0	20
Dichlorodifluoromethane	50.0	46.32		ug/Kg		93	59 - 127	6	20
Di-isopropyl ether (DIPE)	50.0	49.94		ug/Kg		100	62 - 128	2	20
Ethanol	500	542.0		ug/Kg		108	48 - 151	5	29
Ethylbenzene	50.0	47.02		ug/Kg		94	80 - 120	2	20
Ethyl-t-butyl ether (ETBE)	50.0	44.74		ug/Kg		89	66 - 123	1	20
Isopropylbenzene	50.0	45.79		ug/Kg		92	80 - 120	3	20
Methylene Chloride	50.0	47.21		ug/Kg		94	74 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	50.0	49.97		ug/Kg		100	68 - 120	3	20
Naphthalene	50.0	46.47		ug/Kg		93	78 - 121	4	20
n-Butylbenzene	50.0	46.89		ug/Kg		94	79 - 125	3	20
N-Propylbenzene	50.0	46.98		ug/Kg		94	80 - 120	1	20
o-Xylene	50.0	46.09		ug/Kg		92	79 - 120	1	20
m,p-Xylene	100	93.66		ug/Kg		94	79 - 120	3	20
p-Isopropyltoluene	50.0	47.45		ug/Kg		95	80 - 121	2	20
sec-Butylbenzene	50.0	44.11		ug/Kg		88	80 - 120	3	20
Styrene	50.0	46.61		ug/Kg		93	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	44.04		ug/Kg		88	72 - 120	2	20
trans-1,3-Dichloropropene	50.0	56.39		ug/Kg		113	80 - 126	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-174443/4
Matrix: Solid
Analysis Batch: 174443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tert-amyl-methyl ether (TAME)			50.0	48.46		ug/Kg		97	76 - 123	1	20
tert-Butyl alcohol (TBA)			250	267.1		ug/Kg		107	74 - 127	6	20
tert-Butylbenzene			50.0	47.20		ug/Kg		94	80 - 120	1	20
Tetrachloroethene			50.0	50.47		ug/Kg		101	80 - 123	3	20
Toluene			50.0	47.16		ug/Kg		94	80 - 120	0	20
Trichloroethene			50.0	51.08		ug/Kg		102	80 - 121	1	20
Trichlorofluoromethane			50.0	49.88		ug/Kg		100	72 - 135	1	20
Vinyl acetate			50.0	52.27		ug/Kg		105	74 - 143	4	20
Vinyl chloride			50.0	48.87		ug/Kg		98	66 - 128	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 123*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 570-173962/1-A
Matrix: Solid
Analysis Batch: 174223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.010	0.0029	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1,2-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1,3-Dichlorobenzene	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1,4-Dichlorobenzene	ND		0.010	0.0017	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1,6,7-Trimethylnaphthalene	ND		0.010	0.0019	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1-Methylnaphthalene	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
1-Methylphenanthrene	ND		0.010	0.0019	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4,5-Trichlorophenol	ND		0.25	0.0025	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4,6-Trichlorophenol	ND		0.25	0.0031	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4-Dichlorophenol	ND		0.25	0.0021	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4-Dimethylphenol	ND		0.50	0.073	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4-Dinitrophenol	ND		0.25	0.13	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,4-Dinitrotoluene	ND		0.010	0.0043	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,6-Dichlorophenol	ND		0.25	0.0015	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,6-Dimethylnaphthalene	ND		0.010	0.0017	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2,6-Dinitrotoluene	ND		0.010	0.0019	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Chloronaphthalene	ND		0.010	0.0024	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Chlorophenol	ND		0.010	0.0011	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Methylnaphthalene	ND		0.010	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Methylphenol	ND		0.25	0.0028	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Nitroaniline	ND		0.25	0.049	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
2-Nitrophenol	ND		0.25	0.058	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
3,3'-Dichlorobenzidine	ND		0.25	0.076	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
3/4-Methylphenol	ND		0.10	0.0036	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
3-Nitroaniline	ND		0.25	0.16	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4,6-Dinitro-2-methylphenol	ND		0.25	0.078	mg/Kg		08/24/21 12:47	08/25/21 12:29	1

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-173962/1-A
Matrix: Solid
Analysis Batch: 174223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4-Chloro-3-methylphenol	ND		0.25	0.0044	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4-Chloroaniline	ND		0.25	0.064	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4-Nitroaniline	ND		0.25	0.19	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
4-Nitrophenol	ND		0.50	0.15	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Acenaphthene	ND		0.010	0.00096	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Acenaphthylene	ND		0.010	0.0020	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Aniline	ND		0.010	0.0055	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Anthracene	ND		0.010	0.0019	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Azobenzene	ND		0.010	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzidine	ND		0.25	0.079	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[a]anthracene	ND		0.010	0.0013	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[a]pyrene	ND		0.010	0.0018	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[b]fluoranthene	ND		0.010	0.0017	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[e]pyrene	ND		0.010	0.0038	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[g,h,i]perylene	ND		0.010	0.0018	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzo[k]fluoranthene	ND		0.010	0.00081	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzoic acid	ND		0.25	0.16	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Benzyl alcohol	ND		0.010	0.0040	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Biphenyl	ND		0.010	0.0024	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0017	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Bis(2-chloroethyl)ether	ND		0.010	0.0034	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
bis (2-Chloroisopropyl) ether	ND		0.010	0.0039	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Bis(2-ethylhexyl) phthalate	ND		0.25	0.028	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Butyl benzyl phthalate	0.004206	J	0.25	0.0013	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Chrysene	ND		0.010	0.0022	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
DCPA	ND		0.010	0.0020	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Dibenz(a,h)anthracene	ND		0.010	0.0021	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Dibenzofuran	ND		0.010	0.0014	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Dibenzothiophene	ND		0.010	0.0017	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Diethyl phthalate	ND		0.25	0.0021	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Dimethyl phthalate	ND		0.25	0.0028	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Di-n-butyl phthalate	0.01021	J	0.25	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Di-n-octyl phthalate	ND		0.25	0.033	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Fluoranthene	ND		0.010	0.0016	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Fluorene	ND		0.010	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Hexachloro-1,3-butadiene	ND		0.010	0.0029	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Hexachlorobenzene	ND		0.010	0.00091	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Hexachlorocyclopentadiene	ND		0.010	0.0058	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Hexachloroethane	ND		0.010	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Indeno[1,2,3-cd]pyrene	ND		0.010	0.0012	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Isophorone	ND		0.50	0.0021	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Naphthalene	ND		0.010	0.00084	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Nitrobenzene	ND		0.010	0.0026	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
N-Nitrosodimethylamine	ND		0.010	0.0059	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
N-Nitrosodi-n-propylamine	ND		0.010	0.00089	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Pentachlorophenol	ND		0.25	0.059	mg/Kg		08/24/21 12:47	08/25/21 12:29	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-173962/1-A
Matrix: Solid
Analysis Batch: 174223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perthane	ND		0.010	0.0045	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Perylene	ND		0.010	0.0013	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Phenanthrene	ND		0.010	0.0018	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Phenol	ND		0.010	0.0025	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Pyrene	ND		0.010	0.0015	mg/Kg		08/24/21 12:47	08/25/21 12:29	1
Pyridine	ND		0.010	0.0027	mg/Kg		08/24/21 12:47	08/25/21 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*16 - 132*	*08/24/21 12:47*	*08/25/21 12:29*	*1*
2-Fluorophenol (Surr)	*86*		*13 - 120*	*08/24/21 12:47*	*08/25/21 12:29*	*1*
Nitrobenzene-d5 (Surr)	*81*		*14 - 120*	*08/24/21 12:47*	*08/25/21 12:29*	*1*
Phenol-d6 (Surr)	*89*		*12 - 120*	*08/24/21 12:47*	*08/25/21 12:29*	*1*
p-Terphenyl-d14 (Surr)	*86*		*24 - 120*	*08/24/21 12:47*	*08/25/21 12:29*	*1*
2-Fluorobiphenyl (Surr)	*85*		*19 - 120*	*08/24/21 12:47*	*08/25/21 12:29*	*1*

Lab Sample ID: LCS 570-173962/2-A
Matrix: Solid
Analysis Batch: 174223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	1.00	0.9559		mg/Kg		96	35 - 132
2,4-Dichlorophenol	1.00	0.7554		mg/Kg		76	43 - 130
2-Methylphenol	1.00	1.072		mg/Kg		107	38 - 127
2-Nitrophenol	1.00	0.7819		mg/Kg		78	28 - 149
4-Chloro-3-methylphenol	1.00	0.8059		mg/Kg		81	36 - 136
Acenaphthene	1.00	0.8848		mg/Kg		88	37 - 126
Benzo[a]pyrene	1.00	1.065		mg/Kg		107	48 - 137
Chrysene	1.00	0.9301		mg/Kg		93	47 - 130
Dimethyl phthalate	1.00	0.8986		mg/Kg		90	35 - 131
Di-n-butyl phthalate	1.00	0.9729		mg/Kg		97	43 - 139
Fluoranthene	1.00	0.9118		mg/Kg		91	47 - 135
Fluorene	1.00	0.8945		mg/Kg		89	36 - 134
Naphthalene	1.00	0.6941		mg/Kg		69	41 - 126
Phenanthrene	1.00	0.9828		mg/Kg		98	43 - 125
Phenol	1.00	1.023		mg/Kg		102	34 - 125
Pyrene	1.00	0.9887		mg/Kg		99	46 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*16 - 132*
2-Fluorophenol (Surr)	*97*		*13 - 120*
Nitrobenzene-d5 (Surr)	*69*		*14 - 120*
Phenol-d6 (Surr)	*102*		*12 - 120*
p-Terphenyl-d14 (Surr)	*97*		*24 - 120*
2-Fluorobiphenyl (Surr)	*83*		*19 - 120*

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-173962/3-A
Matrix: Solid
Analysis Batch: 174223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 173962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,6-Trichlorophenol			1.00	0.8552		mg/Kg		86	35 - 132	11	26
2,4-Dichlorophenol			1.00	0.6960		mg/Kg		70	43 - 130	8	24
2-Methylphenol			1.00	0.9949		mg/Kg		99	38 - 127	7	27
2-Nitrophenol			1.00	0.7257		mg/Kg		73	28 - 149	7	30
4-Chloro-3-methylphenol			1.00	0.7463		mg/Kg		75	36 - 136	8	24
Acenaphthene			1.00	0.7883		mg/Kg		79	37 - 126	12	21
Benzo[a]pyrene			1.00	0.9678		mg/Kg		97	48 - 137	10	25
Chrysene			1.00	0.8403		mg/Kg		84	47 - 130	10	21
Dimethyl phthalate			1.00	0.8199		mg/Kg		82	35 - 131	9	20
Di-n-butyl phthalate			1.00	0.8621		mg/Kg		86	43 - 139	12	25
Fluoranthene			1.00	0.8034		mg/Kg		80	47 - 135	13	25
Fluorene			1.00	0.7953		mg/Kg		80	36 - 134	12	22
Naphthalene			1.00	0.6368		mg/Kg		64	41 - 126	9	23
Phenanthrene			1.00	0.8791		mg/Kg		88	43 - 125	11	19
Phenol			1.00	0.9585		mg/Kg		96	34 - 125	6	24
Pyrene			1.00	0.8972		mg/Kg		90	46 - 129	10	22

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*16 - 132*
2-Fluorophenol (Surr)	*90*		*13 - 120*
Nitrobenzene-d5 (Surr)	*63*		*14 - 120*
Phenol-d6 (Surr)	*96*		*12 - 120*
p-Terphenyl-d14 (Surr)	*87*		*24 - 120*
2-Fluorobiphenyl (Surr)	*74*		*19 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-174568/1-A
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C7 as C7	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C8 as C8	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C9-C10	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C11-C12	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C13-C14	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C15-C16	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C17-C18	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C19-C20	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C21-C22	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C23-C24	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C25-C28	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C29-C32	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C33-C36	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C37-C40	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
C41-C44	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-174568/1-A
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C44	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1
Diesel Range Organics [C10-C28]	ND		5.0	3.8	mg/Kg		08/26/21 11:32	08/26/21 15:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*60 - 138*	*08/26/21 11:32*	*08/26/21 15:19*	*1*

Lab Sample ID: LCS 570-174568/2-A
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174568

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	413.3		mg/Kg		103	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Lab Sample ID: LCSD 570-174568/3-A
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174568

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	420.2		mg/Kg		105	80 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*60 - 138*

Lab Sample ID: 570-68151-1 MS
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	110		398	505.8		mg/Kg		100	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*104*		*60 - 138*

Lab Sample ID: 570-68151-1 MSD
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	110		399	466.4		mg/Kg		90	43 - 165	8	35

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-68151-1 MSD
Matrix: Solid
Analysis Batch: 174591

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174568

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-174450/1-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.04	0.235	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Arsenic	ND		2.60	2.36	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Barium	ND		0.521	0.231	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Beryllium	ND		0.260	0.178	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Cadmium	ND		0.521	0.210	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Cobalt	ND		1.04	0.237	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Chromium	ND		1.04	0.183	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Copper	ND		1.04	0.528	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Molybdenum	ND		0.521	0.469	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Nickel	ND		0.521	0.447	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Antimony	ND		3.13	1.41	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Selenium	ND		5.21	1.93	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Thallium	ND		5.21	1.54	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Vanadium	ND		1.04	0.179	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Zinc	ND		10.4	5.33	mg/Kg		08/26/21 06:08	08/26/21 09:48	1
Lead	ND		5.21	1.01	mg/Kg		08/26/21 06:08	08/26/21 09:48	1

Lab Sample ID: LCS 570-174450/2-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	12.7	12.61		mg/Kg		99	80 - 120
Arsenic	25.4	26.46		mg/Kg		104	80 - 120
Barium	25.4	28.23		mg/Kg		111	80 - 120
Beryllium	25.4	24.07		mg/Kg		95	80 - 120
Cadmium	25.4	26.07		mg/Kg		103	80 - 120
Cobalt	25.4	25.51		mg/Kg		101	80 - 120
Chromium	25.4	25.31		mg/Kg		100	80 - 120
Copper	25.4	26.62		mg/Kg		105	80 - 120
Molybdenum	25.4	26.24		mg/Kg		103	80 - 120
Nickel	25.4	24.70		mg/Kg		97	80 - 120
Antimony	25.4	26.44		mg/Kg		104	80 - 120
Selenium	25.4	25.42		mg/Kg		100	80 - 120
Thallium	25.4	27.97		mg/Kg		110	80 - 120
Vanadium	25.4	24.73		mg/Kg		97	80 - 120
Zinc	25.4	26.64		mg/Kg		105	80 - 120
Lead	25.4	27.53		mg/Kg		108	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-174450/3-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174450

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver			13.2	13.03		mg/Kg		99	80 - 120	3	20
Arsenic			26.3	27.15		mg/Kg		103	80 - 120	3	20
Barium			26.3	28.76		mg/Kg		109	80 - 120	2	20
Beryllium			26.3	24.67		mg/Kg		94	80 - 120	2	20
Cadmium			26.3	26.80		mg/Kg		102	80 - 120	3	20
Cobalt			26.3	26.19		mg/Kg		100	80 - 120	3	20
Chromium			26.3	26.07		mg/Kg		99	80 - 120	3	20
Copper			26.3	27.28		mg/Kg		104	80 - 120	2	20
Molybdenum			26.4	27.00		mg/Kg		102	80 - 120	3	20
Nickel			26.3	25.29		mg/Kg		96	80 - 120	2	20
Antimony			26.3	27.18		mg/Kg		103	80 - 120	3	20
Selenium			26.3	26.14		mg/Kg		99	80 - 120	3	20
Thallium			26.3	28.61		mg/Kg		109	80 - 120	2	20
Vanadium			26.3	25.39		mg/Kg		96	80 - 120	3	20
Zinc			26.3	27.32		mg/Kg		104	80 - 120	2	20
Lead			26.3	28.15		mg/Kg		107	80 - 120	2	20

Lab Sample ID: 570-68151-1 MS
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.861	J	12.2	12.04		mg/Kg		92	75 - 125
Arsenic	3.26		24.4	26.52		mg/Kg		95	75 - 125
Barium	54.6	F1	24.4	88.08	F1	mg/Kg		137	75 - 125
Beryllium	ND		24.4	22.78		mg/Kg		93	75 - 125
Cadmium	5.12		24.4	26.45		mg/Kg		87	75 - 125
Cobalt	6.42		24.4	26.20		mg/Kg		81	75 - 125
Chromium	18.3		24.4	40.54		mg/Kg		91	75 - 125
Copper	196		24.4	174.3	4	mg/Kg		-88	75 - 125
Molybdenum	4.45		24.4	25.53		mg/Kg		86	75 - 125
Nickel	29.3	F1	24.4	45.38	F1	mg/Kg		66	75 - 125
Antimony	3.52	F1	24.4	19.10	F1	mg/Kg		64	75 - 125
Selenium	ND	F1 L	24.4	15.36	F1	mg/Kg		63	75 - 125
Thallium	ND		24.4	20.82		mg/Kg		85	75 - 125
Vanadium	6.56		24.4	27.95		mg/Kg		88	75 - 125
Zinc	641		24.4	577.6	4	mg/Kg		-261	75 - 125
Lead	717		24.4	600.9	4	mg/Kg		-476	75 - 125

Lab Sample ID: 570-68151-1 MSD
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.861	J	12.3	12.10		mg/Kg		92	75 - 125	0	20
Arsenic	3.26		24.5	27.11		mg/Kg		97	75 - 125	2	20
Barium	54.6	F1	24.5	89.47	F1	mg/Kg		142	75 - 125	2	20
Beryllium	ND		24.5	22.90		mg/Kg		93	75 - 125	1	20
Cadmium	5.12		24.5	26.91		mg/Kg		89	75 - 125	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-68151-1 MSD
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: SP-SW3-A
Prep Type: Total/NA
Prep Batch: 174450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	6.42		24.5	26.31		mg/Kg		81	75 - 125	0	20
Chromium	18.3		24.5	40.81		mg/Kg		92	75 - 125	1	20
Copper	196		24.5	177.7	4	mg/Kg		-74	75 - 125	2	20
Molybdenum	4.45		24.5	26.05		mg/Kg		88	75 - 125	2	20
Nickel	29.3	F1	24.5	45.64	F1	mg/Kg		67	75 - 125	1	20
Antimony	3.52	F1	24.5	19.32	F1	mg/Kg		64	75 - 125	1	20
Selenium	ND	F1 L	24.5	15.50	F1	mg/Kg		63	75 - 125	1	20
Thallium	ND		24.5	21.41		mg/Kg		87	75 - 125	3	20
Vanadium	6.56		24.5	28.05		mg/Kg		88	75 - 125	0	20
Zinc	641		24.5	586.8	4	mg/Kg		-222	75 - 125	2	20
Lead	717		24.5	610.7	4	mg/Kg		-433	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-174308/1-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0135	mg/Kg		08/25/21 13:58	08/25/21 16:52	1

Lab Sample ID: LCS 570-174308/2-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174308

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.847	0.8439		mg/Kg		100	85 - 121

Lab Sample ID: LCSD 570-174308/3-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174308

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.820	0.8112		mg/Kg		99	85 - 121	4	10

Lab Sample ID: MB 570-174457/1-A
Matrix: Solid
Analysis Batch: 174620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/26/21 07:45	08/26/21 12:56	1

Lab Sample ID: LCS 570-174457/2-A
Matrix: Solid
Analysis Batch: 174620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.820	0.8358		mg/Kg		102	85 - 121

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-174457/3-A
Matrix: Solid
Analysis Batch: 174620

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174457

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.8343		mg/Kg		100	85 - 121	0	10

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

GC/MS VOA

Prep Batch: 174082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	5035	
570-68151-2	SP-SW3-B	Total/NA	Solid	5035	
570-68151-3	SP-SW3-C	Total/NA	Solid	5035	
570-68151-4	SP-SW2-A	Total/NA	Solid	5035	
570-68151-5	SP-SW2-B	Total/NA	Solid	5035	
570-68151-6	SP-SW2-C	Total/NA	Solid	5035	
570-68151-7	SP-B3-A	Total/NA	Solid	5035	
570-68151-8	SP-B3-B	Total/NA	Solid	5035	
570-68151-9	SP-B3-C	Total/NA	Solid	5035	
570-68151-10	SP-B17-A	Total/NA	Solid	5035	
570-68151-11	SP-B17-B	Total/NA	Solid	5035	
570-68151-12	SP-B17-C	Total/NA	Solid	5035	
570-68151-14	SP-B	Total/NA	Solid	5035	

Analysis Batch: 174177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-13	TB082421	Total/NA	Water	8260B	
MB 570-174177/7	Method Blank	Total/NA	Water	8260B	
LCS 570-174177/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-174177/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 174368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	8260B	174082
570-68151-2	SP-SW3-B	Total/NA	Solid	8260B	174082
570-68151-3	SP-SW3-C	Total/NA	Solid	8260B	174082
570-68151-7	SP-B3-A	Total/NA	Solid	8260B	174082
570-68151-8	SP-B3-B	Total/NA	Solid	8260B	174082
570-68151-10	SP-B17-A	Total/NA	Solid	8260B	174082
570-68151-11	SP-B17-B	Total/NA	Solid	8260B	174082
570-68151-14	SP-B	Total/NA	Solid	8260B	174082
MB 570-174368/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-174368/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-174368/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 174443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-4	SP-SW2-A	Total/NA	Solid	8260B	174082
570-68151-5	SP-SW2-B	Total/NA	Solid	8260B	174082
570-68151-6	SP-SW2-C	Total/NA	Solid	8260B	174082
570-68151-9	SP-B3-C	Total/NA	Solid	8260B	174082
570-68151-12	SP-B17-C	Total/NA	Solid	8260B	174082
MB 570-174443/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-174443/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-174443/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 173962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 173962 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-2	SP-SW3-B	Total/NA	Solid	3546	
570-68151-3	SP-SW3-C	Total/NA	Solid	3546	
570-68151-4	SP-SW2-A	Total/NA	Solid	3546	
570-68151-5	SP-SW2-B	Total/NA	Solid	3546	
570-68151-6	SP-SW2-C	Total/NA	Solid	3546	
570-68151-7	SP-B3-A	Total/NA	Solid	3546	
570-68151-8	SP-B3-B	Total/NA	Solid	3546	
570-68151-9	SP-B3-C	Total/NA	Solid	3546	
570-68151-10	SP-B17-A	Total/NA	Solid	3546	
570-68151-11	SP-B17-B	Total/NA	Solid	3546	
570-68151-12	SP-B17-C	Total/NA	Solid	3546	
MB 570-173962/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-173962/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-173962/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 174223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	8270C SIM	173962
570-68151-2	SP-SW3-B	Total/NA	Solid	8270C SIM	173962
570-68151-3	SP-SW3-C	Total/NA	Solid	8270C SIM	173962
570-68151-4	SP-SW2-A	Total/NA	Solid	8270C SIM	173962
570-68151-5	SP-SW2-B	Total/NA	Solid	8270C SIM	173962
570-68151-6	SP-SW2-C	Total/NA	Solid	8270C SIM	173962
570-68151-7	SP-B3-A	Total/NA	Solid	8270C SIM	173962
570-68151-8	SP-B3-B	Total/NA	Solid	8270C SIM	173962
570-68151-9	SP-B3-C	Total/NA	Solid	8270C SIM	173962
MB 570-173962/1-A	Method Blank	Total/NA	Solid	8270C SIM	173962
LCS 570-173962/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	173962
LCSD 570-173962/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	173962

Analysis Batch: 174528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-10	SP-B17-A	Total/NA	Solid	8270C SIM	173962
570-68151-11	SP-B17-B	Total/NA	Solid	8270C SIM	173962
570-68151-12	SP-B17-C	Total/NA	Solid	8270C SIM	173962

GC Semi VOA

Prep Batch: 174568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	3550C	
570-68151-2	SP-SW3-B	Total/NA	Solid	3550C	
570-68151-3	SP-SW3-C	Total/NA	Solid	3550C	
570-68151-4	SP-SW2-A	Total/NA	Solid	3550C	
570-68151-5	SP-SW2-B	Total/NA	Solid	3550C	
570-68151-6	SP-SW2-C	Total/NA	Solid	3550C	
570-68151-7	SP-B3-A	Total/NA	Solid	3550C	
570-68151-8	SP-B3-B	Total/NA	Solid	3550C	
570-68151-9	SP-B3-C	Total/NA	Solid	3550C	
570-68151-10	SP-B17-A	Total/NA	Solid	3550C	
570-68151-11	SP-B17-B	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 174568 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-12	SP-B17-C	Total/NA	Solid	3550C	
570-68151-14	SP-B	Total/NA	Solid	3550C	
MB 570-174568/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-174568/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-174568/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-68151-1 MS	SP-SW3-A	Total/NA	Solid	3550C	
570-68151-1 MSD	SP-SW3-A	Total/NA	Solid	3550C	

Analysis Batch: 174591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	8015B	174568
570-68151-2	SP-SW3-B	Total/NA	Solid	8015B	174568
570-68151-3	SP-SW3-C	Total/NA	Solid	8015B	174568
570-68151-4	SP-SW2-A	Total/NA	Solid	8015B	174568
570-68151-5	SP-SW2-B	Total/NA	Solid	8015B	174568
570-68151-6	SP-SW2-C	Total/NA	Solid	8015B	174568
570-68151-7	SP-B3-A	Total/NA	Solid	8015B	174568
570-68151-8	SP-B3-B	Total/NA	Solid	8015B	174568
570-68151-9	SP-B3-C	Total/NA	Solid	8015B	174568
570-68151-10	SP-B17-A	Total/NA	Solid	8015B	174568
570-68151-11	SP-B17-B	Total/NA	Solid	8015B	174568
570-68151-12	SP-B17-C	Total/NA	Solid	8015B	174568
570-68151-14	SP-B	Total/NA	Solid	8015B	174568
MB 570-174568/1-A	Method Blank	Total/NA	Solid	8015B	174568
LCS 570-174568/2-A	Lab Control Sample	Total/NA	Solid	8015B	174568
LCSD 570-174568/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	174568
570-68151-1 MS	SP-SW3-A	Total/NA	Solid	8015B	174568
570-68151-1 MSD	SP-SW3-A	Total/NA	Solid	8015B	174568

Metals

Analysis Batch: 174292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-174308/1-A	Method Blank	Total/NA	Solid	7471A	174308
LCS 570-174308/2-A	Lab Control Sample	Total/NA	Solid	7471A	174308
LCSD 570-174308/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	174308

Prep Batch: 174308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-14	SP-B	Total/NA	Solid	7471A	
MB 570-174308/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-174308/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-174308/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Prep Batch: 174450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	3050B	
570-68151-2	SP-SW3-B	Total/NA	Solid	3050B	
570-68151-3	SP-SW3-C	Total/NA	Solid	3050B	
570-68151-4	SP-SW2-A	Total/NA	Solid	3050B	
570-68151-5	SP-SW2-B	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 174450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-6	SP-SW2-C	Total/NA	Solid	3050B	
570-68151-7	SP-B3-A	Total/NA	Solid	3050B	
570-68151-8	SP-B3-B	Total/NA	Solid	3050B	
570-68151-9	SP-B3-C	Total/NA	Solid	3050B	
570-68151-10	SP-B17-A	Total/NA	Solid	3050B	
570-68151-11	SP-B17-B	Total/NA	Solid	3050B	
570-68151-12	SP-B17-C	Total/NA	Solid	3050B	
570-68151-14	SP-B	Total/NA	Solid	3050B	
MB 570-174450/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-174450/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-174450/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-68151-1 MS	SP-SW3-A	Total/NA	Solid	3050B	
570-68151-1 MSD	SP-SW3-A	Total/NA	Solid	3050B	

Prep Batch: 174457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	7471A	
570-68151-2	SP-SW3-B	Total/NA	Solid	7471A	
570-68151-3	SP-SW3-C	Total/NA	Solid	7471A	
570-68151-4	SP-SW2-A	Total/NA	Solid	7471A	
570-68151-5	SP-SW2-B	Total/NA	Solid	7471A	
570-68151-6	SP-SW2-C	Total/NA	Solid	7471A	
570-68151-7	SP-B3-A	Total/NA	Solid	7471A	
570-68151-8	SP-B3-B	Total/NA	Solid	7471A	
570-68151-9	SP-B3-C	Total/NA	Solid	7471A	
570-68151-10	SP-B17-A	Total/NA	Solid	7471A	
570-68151-11	SP-B17-B	Total/NA	Solid	7471A	
570-68151-12	SP-B17-C	Total/NA	Solid	7471A	
MB 570-174457/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-174457/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-174457/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 174574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	6010B	174450
570-68151-2	SP-SW3-B	Total/NA	Solid	6010B	174450
570-68151-3	SP-SW3-C	Total/NA	Solid	6010B	174450
570-68151-4	SP-SW2-A	Total/NA	Solid	6010B	174450
570-68151-5	SP-SW2-B	Total/NA	Solid	6010B	174450
570-68151-6	SP-SW2-C	Total/NA	Solid	6010B	174450
570-68151-7	SP-B3-A	Total/NA	Solid	6010B	174450
570-68151-8	SP-B3-B	Total/NA	Solid	6010B	174450
570-68151-9	SP-B3-C	Total/NA	Solid	6010B	174450
570-68151-10	SP-B17-A	Total/NA	Solid	6010B	174450
570-68151-11	SP-B17-B	Total/NA	Solid	6010B	174450
570-68151-12	SP-B17-C	Total/NA	Solid	6010B	174450
570-68151-14	SP-B	Total/NA	Solid	6010B	174450
MB 570-174450/1-A	Method Blank	Total/NA	Solid	6010B	174450
LCS 570-174450/2-A	Lab Control Sample	Total/NA	Solid	6010B	174450
LCSD 570-174450/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	174450
570-68151-1 MS	SP-SW3-A	Total/NA	Solid	6010B	174450

Metals (Continued)

Analysis Batch: 174574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1 MSD	SP-SW3-A	Total/NA	Solid	6010B	174450

Analysis Batch: 174620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	Total/NA	Solid	7471A	174457
570-68151-2	SP-SW3-B	Total/NA	Solid	7471A	174457
570-68151-3	SP-SW3-C	Total/NA	Solid	7471A	174457
570-68151-4	SP-SW2-A	Total/NA	Solid	7471A	174457
570-68151-5	SP-SW2-B	Total/NA	Solid	7471A	174457
570-68151-6	SP-SW2-C	Total/NA	Solid	7471A	174457
570-68151-7	SP-B3-A	Total/NA	Solid	7471A	174457
570-68151-8	SP-B3-B	Total/NA	Solid	7471A	174457
570-68151-9	SP-B3-C	Total/NA	Solid	7471A	174457
570-68151-10	SP-B17-A	Total/NA	Solid	7471A	174457
570-68151-11	SP-B17-B	Total/NA	Solid	7471A	174457
570-68151-12	SP-B17-C	Total/NA	Solid	7471A	174457
MB 570-174457/1-A	Method Blank	Total/NA	Solid	7471A	174457
LCS 570-174457/2-A	Lab Control Sample	Total/NA	Solid	7471A	174457
LCSD 570-174457/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	174457

Analysis Batch: 174621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-14	SP-B	Total/NA	Solid	7471A	174308

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW3-A
Lab Sample ID: 570-68151-1
Date Collected: 08/24/21 12:00
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.959 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 01:20	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.04 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 15:25	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			9.62 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/26/21 17:12	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.93 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 09:57	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.61 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:07	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-SW3-B
Lab Sample ID: 570-68151-2
Date Collected: 08/24/21 12:06
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.052 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 01:46	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			19.96 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 15:43	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.24 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		2			174591	08/26/21 17:35	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.91 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:10	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.60 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:09	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-SW3-C
Lab Sample ID: 570-68151-3
Date Collected: 08/24/21 12:14
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.231 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 02:11	N1A	ECL 2
	Instrument ID: GCMSGGG									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW3-C
Lab Sample ID: 570-68151-3
Date Collected: 08/24/21 12:14
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.97 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 16:02	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			9.91 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			174591	08/26/21 17:57	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.10 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:12	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.58 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:11	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-SW2-A
Lab Sample ID: 570-68151-4
Date Collected: 08/24/21 12:25
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.393 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174443	08/26/21 11:22	UJHB	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			20.06 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 16:21	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			9.71 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/26/21 23:30	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.92 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:15	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.62 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:13	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-SW2-B
Lab Sample ID: 570-68151-5
Date Collected: 08/24/21 12:30
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.46 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174443	08/26/21 11:44	UJHB	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			20.14 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 16:39	ULLI	ECL 1
	Instrument ID: GCMSEEE									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW2-B
Lab Sample ID: 570-68151-5
Date Collected: 08/24/21 12:30
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.20 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/26/21 23:53	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.99 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:18	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.57 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:18	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-SW2-C
Lab Sample ID: 570-68151-6
Date Collected: 08/24/21 12:35
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.234 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174443	08/26/21 12:06	UJHB	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			19.97 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 16:58	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.22 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/27/21 00:15	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.97 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:20	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.60 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:20	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-B3-A
Lab Sample ID: 570-68151-7
Date Collected: 08/24/21 12:39
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.277 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 03:52	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.25 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			174223	08/25/21 17:16	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.17 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		2			174591	08/27/21 00:37	A1W	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-B3-A
Lab Sample ID: 570-68151-7
Date Collected: 08/24/21 12:39
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.93 g	112 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:23	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.61 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:22	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-B3-B
Lab Sample ID: 570-68151-8
Date Collected: 08/24/21 12:44
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.656 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 04:17	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.21 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		10			174223	08/25/21 19:08	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.66 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		2			174591	08/27/21 00:59	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.05 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:25	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.59 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:24	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-B3-C
Lab Sample ID: 570-68151-9
Date Collected: 08/24/21 12:58
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.588 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174443	08/26/21 12:29	UJHB	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			20.12 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			174223	08/25/21 19:27	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			9.74 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			174591	08/27/21 01:23	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.08 g	105 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:28	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B3-C
Lab Sample ID: 570-68151-9
Date Collected: 08/24/21 12:58
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.63 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:26	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-B17-A
Lab Sample ID: 570-68151-10
Date Collected: 08/24/21 13:05
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.452 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 05:07	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.08 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			174528	08/26/21 11:07	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.20 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/27/21 01:45	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.90 g	105 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:30	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.57 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:27	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: SP-B17-B
Lab Sample ID: 570-68151-11
Date Collected: 08/24/21 13:08
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.852 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 05:32	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			19.99 g	2 mL	173962	08/25/21 08:17	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			174528	08/26/21 11:26	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.14 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			174591	08/27/21 02:06	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.06 g	100 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:33	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.58 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:29	VWJ7	ECL 1
	Instrument ID: HG8									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-B17-C
Lab Sample ID: 570-68151-12
Date Collected: 08/24/21 13:12
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.025 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174443	08/26/21 12:51	UJHB	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3546			20.33 g	2 mL	173962	08/25/21 08:44	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			174528	08/26/21 11:44	ULLI	ECL 1
	Instrument ID: GCMSEEE									
Total/NA	Prep	3550C			10.01 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/27/21 02:29	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.99 g	105 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:52	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.62 g	100 mL	174457	08/26/21 07:45	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174620	08/26/21 13:31	VWJ7	ECL 1
	Instrument ID: HG8									

Client Sample ID: TB082421
Lab Sample ID: 570-68151-13
Date Collected: 08/24/21 00:00
Matrix: Water
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	174177	08/25/21 14:00	P3GT	ECL 2
	Instrument ID: GCMSW									

Client Sample ID: SP-B
Lab Sample ID: 570-68151-14
Date Collected: 08/24/21 13:22
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.047 g	5 g	174082	08/24/21 18:31	EDZ4	ECL 2
Total/NA	Analysis	8260B		1	5 g	5 mL	174368	08/26/21 06:22	N1A	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3550C			9.86 g	10 mL	174568	08/26/21 11:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			174591	08/27/21 02:51	A1W	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.04 g	105 mL	174450	08/26/21 06:08	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 10:54	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.60 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174621	08/26/21 13:11	VWJ7	ECL 1
	Instrument ID: HG7									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-1
Project/Site: Clow Valve / 04.20150013.19 task 3

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task 3

Job ID: 570-68151-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-68151-1	SP-SW3-A	Solid	08/24/21 12:00	08/24/21 14:55
570-68151-2	SP-SW3-B	Solid	08/24/21 12:06	08/24/21 14:55
570-68151-3	SP-SW3-C	Solid	08/24/21 12:14	08/24/21 14:55
570-68151-4	SP-SW2-A	Solid	08/24/21 12:25	08/24/21 14:55
570-68151-5	SP-SW2-B	Solid	08/24/21 12:30	08/24/21 14:55
570-68151-6	SP-SW2-C	Solid	08/24/21 12:35	08/24/21 14:55
570-68151-7	SP-B3-A	Solid	08/24/21 12:39	08/24/21 14:55
570-68151-8	SP-B3-B	Solid	08/24/21 12:44	08/24/21 14:55
570-68151-9	SP-B3-C	Solid	08/24/21 12:58	08/24/21 14:55
570-68151-10	SP-B17-A	Solid	08/24/21 13:05	08/24/21 14:55
570-68151-11	SP-B17-B	Solid	08/24/21 13:08	08/24/21 14:55
570-68151-12	SP-B17-C	Solid	08/24/21 13:12	08/24/21 14:55
570-68151-13	TB082421	Water	08/24/21 00:00	08/24/21 14:55
570-68151-14	SP-B	Solid	08/24/21 13:22	08/24/21 14:55

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Calscience

440 Lincoln Way, Garden Grove, CA 92841-1427 · (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

570-68151 Chain of Custody

68151

CHAIN OF CUSTODY RECORD

DATE: 08/24/21

PAGE: 1 OF 2

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow/04 20150013 19 Task 3

PO NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) ~~BS/JB~~ LML/JDB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

~~☒~~ COELT EDF

SPECIAL INSTRUCTIONS:

*PDF

*See Vik Patel

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH 8015	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	SVOC 8270SIM
1	SP-SW3-A	08/24/21	1200	Soil	4	X	X					x		x	x	x					X		X
2	SP-SW3-B	08/24/21	1206	Soil	4	X	X					X		X	X	X					X		X
3	SP-SW3-C	08/24/21	1214	Soil	4	X	X					X		X	X	X					X		X
4	SP-SW2-A	08/24/21	1225	Soil	4	X	X					X		X	X	X					X		X
5	SP-SW2-B	08/24/21	1230	Soil	4	X	X					X		X	X	X					X		X
6	SP-SW2-C	08/24/21	1235	Soil	4	X	X					X		X	X	X					X		X
7	SP-B3-A	08/24/21	1239	Soil	4	X	X					X		X	X	X					X		X
	~~SP-SW2-B~~	~~08/24/21~~	~~1244~~																				
8	SP-B3-B	08/24/21	1244	Soil	4	X	X					X		X	X	X					X		X
9	SP-B3-C	08/24/21	1258	Soil	4	X	X					X		X	X	X					X		X

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8-24-21	Time: 1330
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/24/21	Time: 1455
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3 9/3 5 3 7/3 3 5 6

05/02/14 Revision

8/27/2021

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CHAIN OF CUSTODY RECORD

68151

WO # / LAB USE ONLY

DATE: 08/24/21

PAGE: 2 OF 2

440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☒ 48 HR (circled) ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

☒ COELT EDF

SPECIAL INSTRUCTIONS:
*PDF
*see Vik patel

CLIENT PROJECT NAME / NUMBER: Clow/04 20150013 19 task 3

P.O. NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) ~~BS/JB~~ LML/JDB

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH_8015	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	SVOC 8270SIM
												x		x	x	x					x		x
10	SP-B17-A	08/24/21	1305	Soil	4	X	X																
11	SP-B17-B	08/24/21	1308	Soil	4	X	X					X		X	X	X					X		X
12	SP-B17-C	08/24/21	1312	Soil	4	X	X					X		X	X	X					X		X
13	TB082421	08/24/21	—	H2O	2	X	X					X JDB		X	X								
14	SP-B	08/24/21	1322	Soil	4	X	X					X		X	X	X					X		

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
L Langer	[signature]	8-24-21	1330
[signature]	[signature] E	8/24/21	1450

03/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-68151-1

Login Number: 68151
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-68151-2
Client Project/Site: Clow Valve / 04.20150013.19 task 3

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Becky Sundilson

Vik Patel

Authorized for release by:
9/3/2021 4:58:28 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-68151-2

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-68151-2

Comments
No additional comments.

Receipt
The samples were received on 8/24/2021 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.3º C and 3.5º C.

Metals
Method 6010B: The method blank for preparation batch 570-175741 and 570-175978 and analytical batch 570-176117 contained Lead above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW3-A — Lab Sample ID: 570-68151-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.324	J B	0.500	0.00800	mg/L	1		6010B	TCLP
Lead	14.8		0.500	0.0821	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-SW3-B — Lab Sample ID: 570-68151-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.293	J B	0.500	0.00800	mg/L	1		6010B	TCLP
Lead	16.8		0.500	0.0821	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-SW3-C — Lab Sample ID: 570-68151-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.159	J B	0.500	0.00800	mg/L	1		6010B	TCLP
Lead	13.8		0.500	0.0821	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-SW2-A — Lab Sample ID: 570-68151-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.846	B	0.500	0.00800	mg/L	1		6010B	TCLP

Client Sample ID: SP-SW2-B — Lab Sample ID: 570-68151-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.20	B	0.500	0.00800	mg/L	1		6010B	TCLP

Client Sample ID: SP-SW2-C — Lab Sample ID: 570-68151-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.802	B	0.500	0.00800	mg/L	1		6010B	TCLP

Client Sample ID: SP-B3-A — Lab Sample ID: 570-68151-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.709		0.500	0.00800	mg/L	1		6010B	TCLP

Client Sample ID: SP-B3-B — Lab Sample ID: 570-68151-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.60		0.500	0.00800	mg/L	1		6010B	TCLP
Lead	21.9		0.500	0.0821	mg/L	1		6010B	STLC Citrate
Copper	34.1		0.500	0.0614	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-B3-C — Lab Sample ID: 570-68151-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.394	J	0.500	0.00800	mg/L	1		6010B	TCLP
Lead	10.2		0.500	0.0821	mg/L	1		6010B	STLC Citrate
Copper	15.5		0.500	0.0614	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-B17-A — Lab Sample ID: 570-68151-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.30		0.500	0.00800	mg/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-B17-B
Lab Sample ID: 570-68151-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.231	J	0.500	0.00800	mg/L	1		6010B	TCLP
Lead	39.9		0.500	0.0821	mg/L	1		6010B	STLC Citrate
Copper	51.1		0.500	0.0614	mg/L	1		6010B	STLC Citrate

Client Sample ID: SP-B17-C
Lab Sample ID: 570-68151-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.42		0.500	0.00800	mg/L	1		6010B	TCLP
Lead	20.9		0.500	0.0821	mg/L	1		6010B	STLC Citrate
Copper	13.6		0.500	0.0614	mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.324	J B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:13	1

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.293	J B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:16	1

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.159	J B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:19	1

Client Sample ID: SP-SW2-A
Date Collected: 08/24/21 12:25
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.846	B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:21	1

Client Sample ID: SP-SW2-B
Date Collected: 08/24/21 12:30
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.20	B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:24	1

Client Sample ID: SP-SW2-C
Date Collected: 08/24/21 12:35
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.802	B	0.500	0.00800	mg/L		09/01/21 10:00	09/02/21 14:27	1

Client Sample ID: SP-B3-A
Date Collected: 08/24/21 12:39
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.709		0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:27	1

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.60		0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:37	1

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.394	J	0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:40	1

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: SP-B17-A
Lab Sample ID: 570-68151-10
Date Collected: 08/24/21 13:05
Matrix: Solid
Date Received: 08/24/21 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.30		0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:43	1

Client Sample ID: SP-B17-B
Lab Sample ID: 570-68151-11
Date Collected: 08/24/21 13:08
Matrix: Solid
Date Received: 08/24/21 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.231	J	0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:45	1

Client Sample ID: SP-B17-C
Lab Sample ID: 570-68151-12
Date Collected: 08/24/21 13:12
Matrix: Solid
Date Received: 08/24/21 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.42		0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:48	1

Method: 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SP-SW3-A
Date Collected: 08/24/21 12:00
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14.8		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:22	1

Client Sample ID: SP-SW3-B
Date Collected: 08/24/21 12:06
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16.8		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:25	1

Client Sample ID: SP-SW3-C
Date Collected: 08/24/21 12:14
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.8		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:27	1

Client Sample ID: SP-B3-B
Date Collected: 08/24/21 12:44
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.9		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:30	1
Copper	34.1		0.500	0.0614	mg/L		09/02/21 11:21	09/02/21 17:30	1

Client Sample ID: SP-B3-C
Date Collected: 08/24/21 12:58
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.2		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:33	1
Copper	15.5		0.500	0.0614	mg/L		09/02/21 11:21	09/02/21 17:33	1

Client Sample ID: SP-B17-B
Date Collected: 08/24/21 13:08
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	39.9		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:39	1
Copper	51.1		0.500	0.0614	mg/L		09/02/21 11:21	09/02/21 17:39	1

Client Sample ID: SP-B17-C
Date Collected: 08/24/21 13:12
Date Received: 08/24/21 14:55
Lab Sample ID: 570-68151-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.9		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 17:36	1
Copper	13.6		0.500	0.0614	mg/L		09/02/21 11:21	09/02/21 17:36	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-175741/1-B
Matrix: Solid
Analysis Batch: 176117

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 175978

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.01405	J	0.500	0.00800	mg/L		09/01/21 10:00	09/01/21 14:22	1

Lab Sample ID: LCS 570-175741/2-B
Matrix: Solid
Analysis Batch: 176117

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 175978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.675		mg/L		113	80 - 120

Lab Sample ID: LCSD 570-175741/3-B
Matrix: Solid
Analysis Batch: 176117

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 175978

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.00	5.595		mg/L		112	80 - 120	1	20

Lab Sample ID: LB 570-176082/1-B
Matrix: Solid
Analysis Batch: 176722

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 176325

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500	0.00800	mg/L		09/02/21 09:30	09/02/21 19:18	1

Lab Sample ID: LCS 570-176082/2-B
Matrix: Solid
Analysis Batch: 176829

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 176325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.363		mg/L		107	80 - 120

Lab Sample ID: LCSD 570-176082/3-B
Matrix: Solid
Analysis Batch: 176829

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 176325

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.00	5.435		mg/L		109	80 - 120	1	20

Lab Sample ID: LB4 570-175781/1-C
Matrix: Solid
Analysis Batch: 176527

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 176370

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500	0.0821	mg/L		09/02/21 11:21	09/02/21 16:40	1
Copper	ND		0.500	0.0614	mg/L		09/02/21 11:21	09/02/21 16:40	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-175781/2-C
Matrix: Solid
Analysis Batch: 176527

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 176370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.016		mg/L		100	80 - 120
Copper	5.00	5.039		mg/L		101	80 - 120

Lab Sample ID: LCSD 570-175781/3-C
Matrix: Solid
Analysis Batch: 176527

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 176370

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.00	5.144		mg/L		103	80 - 120	3	20
Copper	5.00	5.151		mg/L		103	80 - 120	2	20

QC Association Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task 3

Job ID: 570-68151-2

Metals

Leach Batch: 175741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	TCLP	Solid	1311	
570-68151-2	SP-SW3-B	TCLP	Solid	1311	
570-68151-3	SP-SW3-C	TCLP	Solid	1311	
570-68151-4	SP-SW2-A	TCLP	Solid	1311	
570-68151-5	SP-SW2-B	TCLP	Solid	1311	
570-68151-6	SP-SW2-C	TCLP	Solid	1311	
LB 570-175741/1-B	Method Blank	TCLP	Solid	1311	
LCS 570-175741/2-B	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-175741/3-B	Lab Control Sample Dup	TCLP	Solid	1311	

Leach Batch: 175781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	STLC Citrate	Solid	CA WET Citrate	
570-68151-2	SP-SW3-B	STLC Citrate	Solid	CA WET Citrate	
570-68151-3	SP-SW3-C	STLC Citrate	Solid	CA WET Citrate	
570-68151-8	SP-B3-B	STLC Citrate	Solid	CA WET Citrate	
570-68151-9	SP-B3-C	STLC Citrate	Solid	CA WET Citrate	
570-68151-11	SP-B17-B	STLC Citrate	Solid	CA WET Citrate	
570-68151-12	SP-B17-C	STLC Citrate	Solid	CA WET Citrate	
LB4 570-175781/1-C	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-175781/2-C	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-175781/3-C	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 175978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	TCLP	Solid	3010A	175741
570-68151-2	SP-SW3-B	TCLP	Solid	3010A	175741
570-68151-3	SP-SW3-C	TCLP	Solid	3010A	175741
570-68151-4	SP-SW2-A	TCLP	Solid	3010A	175741
570-68151-5	SP-SW2-B	TCLP	Solid	3010A	175741
570-68151-6	SP-SW2-C	TCLP	Solid	3010A	175741
LB 570-175741/1-B	Method Blank	TCLP	Solid	3010A	175741
LCS 570-175741/2-B	Lab Control Sample	TCLP	Solid	3010A	175741
LCSD 570-175741/3-B	Lab Control Sample Dup	TCLP	Solid	3010A	175741

Leach Batch: 176082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-7	SP-B3-A	TCLP	Solid	1311	
570-68151-8	SP-B3-B	TCLP	Solid	1311	
570-68151-9	SP-B3-C	TCLP	Solid	1311	
570-68151-10	SP-B17-A	TCLP	Solid	1311	
570-68151-11	SP-B17-B	TCLP	Solid	1311	
570-68151-12	SP-B17-C	TCLP	Solid	1311	
LB 570-176082/1-B	Method Blank	TCLP	Solid	1311	
LCS 570-176082/2-B	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-176082/3-B	Lab Control Sample Dup	TCLP	Solid	1311	

Analysis Batch: 176117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 570-175741/1-B	Method Blank	TCLP	Solid	6010B	175978
LCS 570-175741/2-B	Lab Control Sample	TCLP	Solid	6010B	175978

Metals (Continued)

Analysis Batch: 176117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-175741/3-B	Lab Control Sample Dup	TCLP	Solid	6010B	175978

Prep Batch: 176325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-7	SP-B3-A	TCLP	Solid	3010A	176082
570-68151-8	SP-B3-B	TCLP	Solid	3010A	176082
570-68151-9	SP-B3-C	TCLP	Solid	3010A	176082
570-68151-10	SP-B17-A	TCLP	Solid	3010A	176082
570-68151-11	SP-B17-B	TCLP	Solid	3010A	176082
570-68151-12	SP-B17-C	TCLP	Solid	3010A	176082
LB 570-176082/1-B	Method Blank	TCLP	Solid	3010A	176082
LCS 570-176082/2-B	Lab Control Sample	TCLP	Solid	3010A	176082
LCSD 570-176082/3-B	Lab Control Sample Dup	TCLP	Solid	3010A	176082

Prep Batch: 176370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	STLC Citrate	Solid	Dilution	175781
570-68151-2	SP-SW3-B	STLC Citrate	Solid	Dilution	175781
570-68151-3	SP-SW3-C	STLC Citrate	Solid	Dilution	175781
570-68151-8	SP-B3-B	STLC Citrate	Solid	Dilution	175781
570-68151-9	SP-B3-C	STLC Citrate	Solid	Dilution	175781
570-68151-11	SP-B17-B	STLC Citrate	Solid	Dilution	175781
570-68151-12	SP-B17-C	STLC Citrate	Solid	Dilution	175781
LB4 570-175781/1-C	Method Blank	STLC Citrate	Solid	Dilution	175781
LCS 570-175781/2-C	Lab Control Sample	STLC Citrate	Solid	Dilution	175781
LCSD 570-175781/3-C	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	175781

Analysis Batch: 176452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	TCLP	Solid	6010B	175978
570-68151-2	SP-SW3-B	TCLP	Solid	6010B	175978
570-68151-3	SP-SW3-C	TCLP	Solid	6010B	175978
570-68151-4	SP-SW2-A	TCLP	Solid	6010B	175978
570-68151-5	SP-SW2-B	TCLP	Solid	6010B	175978
570-68151-6	SP-SW2-C	TCLP	Solid	6010B	175978

Analysis Batch: 176527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-1	SP-SW3-A	STLC Citrate	Solid	6010B	176370
570-68151-2	SP-SW3-B	STLC Citrate	Solid	6010B	176370
570-68151-3	SP-SW3-C	STLC Citrate	Solid	6010B	176370
570-68151-8	SP-B3-B	STLC Citrate	Solid	6010B	176370
570-68151-9	SP-B3-C	STLC Citrate	Solid	6010B	176370
570-68151-11	SP-B17-B	STLC Citrate	Solid	6010B	176370
570-68151-12	SP-B17-C	STLC Citrate	Solid	6010B	176370
LB4 570-175781/1-C	Method Blank	STLC Citrate	Solid	6010B	176370
LCS 570-175781/2-C	Lab Control Sample	STLC Citrate	Solid	6010B	176370
LCSD 570-175781/3-C	Lab Control Sample Dup	STLC Citrate	Solid	6010B	176370

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Metals

Analysis Batch: 176722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-68151-7	SP-B3-A	TCLP	Solid	6010B	176325
570-68151-8	SP-B3-B	TCLP	Solid	6010B	176325
570-68151-9	SP-B3-C	TCLP	Solid	6010B	176325
570-68151-10	SP-B17-A	TCLP	Solid	6010B	176325
570-68151-11	SP-B17-B	TCLP	Solid	6010B	176325
570-68151-12	SP-B17-C	TCLP	Solid	6010B	176325
LB 570-176082/1-B	Method Blank	TCLP	Solid	6010B	176325

Analysis Batch: 176829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-176082/2-B	Lab Control Sample	TCLP	Solid	6010B	176325
LCSD 570-176082/3-B	Lab Control Sample Dup	TCLP	Solid	6010B	176325

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-SW3-A
Lab Sample ID: 570-68151-1
Date Collected: 08/24/21 12:00
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.21 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:22	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.23 g	2000 mL	175741	08/31/21 11:30	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:13	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-SW3-B
Lab Sample ID: 570-68151-2
Date Collected: 08/24/21 12:06
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.48 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:25	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.21 g	2000 mL	175741	08/31/21 11:30	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:16	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-SW3-C
Lab Sample ID: 570-68151-3
Date Collected: 08/24/21 12:14
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			49.98 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:27	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.45 g	2000 mL	175741	08/31/21 11:30	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:19	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-SW2-A
Lab Sample ID: 570-68151-4
Date Collected: 08/24/21 12:25
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.16 g	2000 mL	175741	08/31/21 11:30	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:21	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task 3

Job ID: 570-68151-2

Client Sample ID: SP-SW2-B

Lab Sample ID: 570-68151-5

Date Collected: 08/24/21 12:30

Matrix: Solid

Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			101.29 g	2000 mL	175741	08/31/21 14:39	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:24	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-SW2-C

Lab Sample ID: 570-68151-6

Date Collected: 08/24/21 12:35

Matrix: Solid

Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			103.65 g	2000 mL	175741	08/31/21 14:39	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	175978	09/01/21 10:00	SR3N	ECL 1
TCLP	Analysis	6010B		1			176452	09/02/21 14:27	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B3-A

Lab Sample ID: 570-68151-7

Date Collected: 08/24/21 12:39

Matrix: Solid

Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.25 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:27	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B3-B

Lab Sample ID: 570-68151-8

Date Collected: 08/24/21 12:44

Matrix: Solid

Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.10 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:30	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.23 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:37	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Client Sample ID: SP-B3-C
Lab Sample ID: 570-68151-9
Date Collected: 08/24/21 12:58
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.45 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:33	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.59 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:40	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B17-A
Lab Sample ID: 570-68151-10
Date Collected: 08/24/21 13:05
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			103.21 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:43	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B17-B
Lab Sample ID: 570-68151-11
Date Collected: 08/24/21 13:08
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.12 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:39	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			100.23 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:45	ULPF	ECL 1
	Instrument ID: ICP9									

Client Sample ID: SP-B17-C
Lab Sample ID: 570-68151-12
Date Collected: 08/24/21 13:12
Matrix: Solid
Date Received: 08/24/21 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			49.87 g	500 mL	175781	08/31/21 09:00	SR3N	ECL 3
STLC Citrate	Prep	Dilution			5 mL	50 mL	176370	09/02/21 11:21	SR3N	ECL 1
STLC Citrate	Analysis	6010B		1			176527	09/02/21 17:36	ULPF	ECL 1
	Instrument ID: ICP9									
TCLP	Leach	1311			101.76 g	2000 mL	176082	09/01/21 14:00	SR3N	ECL 3
TCLP	Prep	3010A			5 mL	50 mL	176325	09/02/21 09:30	SR3N	ECL 1
TCLP	Analysis	6010B		1			176722	09/02/21 19:48	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19 task 3

Job ID: 570-68151-2

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

Method Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
1311	TCLP Extraction	SW846	ECL 3
3010A	Preparation, Total Metals	SW846	ECL 1
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	ECL 3
Dilution	Preparation / Dilution Process	None	ECL 1

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Job ID: 570-68151-2
Project/Site: Clow Valve / 04.20150013.19 task 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-68151-1	SP-SW3-A	Solid	08/24/21 12:00	08/24/21 14:55
570-68151-2	SP-SW3-B	Solid	08/24/21 12:06	08/24/21 14:55
570-68151-3	SP-SW3-C	Solid	08/24/21 12:14	08/24/21 14:55
570-68151-4	SP-SW2-A	Solid	08/24/21 12:25	08/24/21 14:55
570-68151-5	SP-SW2-B	Solid	08/24/21 12:30	08/24/21 14:55
570-68151-6	SP-SW2-C	Solid	08/24/21 12:35	08/24/21 14:55
570-68151-7	SP-B3-A	Solid	08/24/21 12:39	08/24/21 14:55
570-68151-8	SP-B3-B	Solid	08/24/21 12:44	08/24/21 14:55
570-68151-9	SP-B3-C	Solid	08/24/21 12:58	08/24/21 14:55
570-68151-10	SP-B17-A	Solid	08/24/21 13:05	08/24/21 14:55
570-68151-11	SP-B17-B	Solid	08/24/21 13:08	08/24/21 14:55
570-68151-12	SP-B17-C	Solid	08/24/21 13:12	08/24/21 14:55

Patel, Vikas

From: Becky Sundilson <bsundilson@earthcon.com>
Sent: Tuesday, August 31, 2021 1:25 PM
To: Patel, Vikas
Cc: Lindsey Langer
Subject: RE: Eurofins Calscience report, EDD and invoice files from 570-68151-1 Clow Valve / 04.20150013.19 task 3

Vik,
Please run the following subsequent analyses on fastest TAT (is it 72hrs?):
SP-SW3-A →LEAD- STLC & TCLP
SP-SW3-B → LEAD- STLC & TCLP
SP-SW3-C → LEAD- STLC & TCLP
SP-SW2-A → LEAD- TCLP
SP-SW2-B → LEAD- TCLP
SP-SW2-C → LEAD- TCLP
SP-B3-A → LEAD – TCLP
SP-B3-C → LEAD- STLC & TCLP; COPPER – STLC
SP-B3-B → LEAD- STLC & TCLP; COPPER – STLC
SP-B17-A → LEAD – TCLP
SP-B17-B → LEAD- STLC & TCLP; COPPER – STLC
SP-B17-C → LEAD- STLC & TCLP; COPPER – STLC

Becky Sundilson
Senior Scientist
CPSWQ 696, QSD/QSP 1183, SM-QSD 76, QISP 189

EarthCon Consultants CA, Inc.
1100 Town & Country Road, Suite 200
Orange, CA 92868

****NOTE NEW ADDRESS**

Office: 714.500.5405
Cell: 714.321.8626
Fax: 714.960.2462
bsundilson@earthcon.com

eurofins

Calscience

68151

570-68151 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 08/24/21

PAGE: 1 OF 2

440 Lincoln Way, Garden Grove, CA 92841-1427 · (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow/04 20150013 19 Task 3

PO NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) ~~BS/JB~~ LML/JDB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

~~☒~~ COELT EDF

SPECIAL INSTRUCTIONS:
* PDF
*See Vik Patel

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH 8015	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	SVOC 8270SIM
1	SP-SW3-A	08/24/21	1200	Soil	4	X	X					x		x	x	x					X		X
2	SP-SW3-B	08/24/21	1206	Soil	4	X	X					X		X	X	X					X		X
3	SP-SW3-C	08/24/21	1214	Soil	4	X	X					X		X	X	X					X		X
4	SP-SW2-A	08/24/21	1225	Soil	4	X	X					X		X	X	X					X		X
5	SP-SW2-B	08/24/21	1230	Soil	4	X	X					X		X	X	X					X		X
6	SP-SW2-C	08/24/21	1235	Soil	4	X	X					X		X	X	X					X		X
7	SP-B3-A	08/24/21	1239	Soil	4	X	X					X		X	X	X					X		X
	~~SP-SW2-B~~	~~08/24/21~~	~~1244~~																				
8	SP-B3-B	08/24/21	1244	Soil	4	X	X					X		X	X	X					X		X
9	SP-B3-C	08/24/21	1258	Soil	4	X	X					X		X	X	X					X		X

Relinquished by: (Signature) D Langer	Received by: (Signature/Affiliation)	Date: 8-24-21	Time: 1330
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/24/21	Time: 1455
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3 9/3 5 3 7/3 3 5 6

05/02/14 Revision

9/3/2021

68151

eurofins | Calscience

CHAIN OF CUSTODY RECORD

DATE: 08/24/21

PAGE: 2 OF 2

440 Lincoln Way, Garden Grove, CA 92841-1427 · (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

WO #/ LAB USE ONLY

LABORATORY CLIENT: EarthCon Consultants CA, Inc

ADDRESS: 1100 Town & Country Road, Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: 714-321-8626 E-MAIL: bsundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Chow/04 20150013 19 Task 3

PO NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S): (PRINT) ~~BS/JB~~ LML/JDB

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

GLOBAL ID: LOG CODE:

☒ COELT EDF

SPECIAL INSTRUCTIONS:

*PDF

*see Vik patel

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) GRO	TPH(d) DRO	TPH C6-C36 C6-C44	TPH_8015	BTEX / MTBE Gas	VOCs (8260)	Oxygenates (8260)	Prep (5035) Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs 8270 8270 SIM	T22 Metals 6010/747X 6020/747X	Cr(VI) 7196 7199 218.6	SVOC 8270SIM
10	SP-B17-A	08/24/21	1305	Soil	4	X	X					x		x	x	x					X		X
11	SP-B17-B	08/24/21	1308	Soil	4	X	X					X		X	X	X					X		X
12	SP-B17-C	08/24/21	1312	Soil	4	X	X					X		X	X	X					X		X
13	TB082421	08/24/21	—	H2O	2	X	X				JDB	X		X	X								
14	SP-B	08/24/21	1322	Soil	4	X	X					X		X	X	X					X		

Relinquished by: (Signature) A Langer	Received by: (Signature/Affiliation)	Date: 8-24-21	Time: 1330
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/24/21	Time: 1455
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

03/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-68151-2

Login Number: 68151
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-69478-1
Client Project/Site: Clow Valve / 04.20150013.19

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Jeff Bennett

Vik Patel

Authorized for release by:
9/13/2021 5:54:49 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-69478-1
Project/Site: Clow Valve / 04.20150013.19

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Job ID: 570-69478-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-69478-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2021 2:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.1° C.

GC Semi VOA
Method 8082: Due to the high concentration of Aroclor-1248 and Aroclor-1260, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-177900 and analytical batch 570-178614 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Client Sample ID: SP-SW2-A1 — Lab Sample ID: 570-69478-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1248	28000		5300	2600	ug/Kg	100	☼	8082	Total/NA
Aroclor-1260	670		53	29	ug/Kg	1	☼	8082	Total/NA
Total PCBs	28000		5300	2900	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-SW2-B1 — Lab Sample ID: 570-69478-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1248	20000		5000	2400	ug/Kg	100	☼	8082	Total/NA
Aroclor-1260	680		50	27	ug/Kg	1	☼	8082	Total/NA
Total PCBs	20000		5000	2700	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-SW2-C1 — Lab Sample ID: 570-69478-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1248	29000		5000	2400	ug/Kg	100	☼	8082	Total/NA
Aroclor-1260	980		50	27	ug/Kg	1	☼	8082	Total/NA
Total PCBs	29000		5000	2700	ug/Kg	100	☼	8082	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SP-SW2-A1
Date Collected: 09/08/21 13:10
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F1	53	26	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1221	ND		53	26	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1232	ND		53	26	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1242	ND		53	26	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1248	**28000**		5300	2600	ug/Kg	☼	09/09/21 12:00	09/13/21 15:22	100
Aroclor-1254	ND		53	29	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1260	**670**		53	29	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1262	ND		53	29	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Aroclor-1268	ND		53	29	ug/Kg	☼	09/09/21 12:00	09/13/21 13:22	1
Total PCBs	**28000**		5300	2900	ug/Kg	☼	09/09/21 12:00	09/13/21 15:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*85*		*25 - 126*	*09/09/21 12:00*	*09/13/21 13:22*	*1*
Tetrachloro-m-xylene (Surr)	*118*		*25 - 126*	*09/09/21 12:00*	*09/13/21 15:22*	*100*
DCB Decachlorobiphenyl (Surr)	*79*		*20 - 155*	*09/09/21 12:00*	*09/13/21 13:22*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*20 - 155*	*09/09/21 12:00*	*09/13/21 15:22*	*100*

Client Sample ID: SP-SW2-B1
Date Collected: 09/08/21 13:17
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1248	**20000**		5000	2400	ug/Kg	☼	09/09/21 12:00	09/13/21 15:40	100
Aroclor-1254	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1260	**680**		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:41	1
Total PCBs	**20000**		5000	2700	ug/Kg	☼	09/09/21 12:00	09/13/21 15:40	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 126*	*09/09/21 12:00*	*09/13/21 13:41*	*1*
Tetrachloro-m-xylene (Surr)	*124*		*25 - 126*	*09/09/21 12:00*	*09/13/21 15:40*	*100*
DCB Decachlorobiphenyl (Surr)	*82*		*20 - 155*	*09/09/21 12:00*	*09/13/21 13:41*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*20 - 155*	*09/09/21 12:00*	*09/13/21 15:40*	*100*

Client Sample ID: SP-SW2-C1
Date Collected: 09/08/21 13:25
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1248	**29000**		5000	2400	ug/Kg	☼	09/09/21 12:00	09/13/21 15:58	100
Aroclor-1254	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1260	**980**		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1

Client: EarthCon Consultants Inc
Job ID: 570-69478-1
Project/Site: Clow Valve / 04.20150013.19

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SP-SW2-C1
Date Collected: 09/08/21 13:25
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		50	27	ug/Kg	☼	09/09/21 12:00	09/13/21 13:59	1
Total PCBs	**29000**		5000	2700	ug/Kg	☼	09/09/21 12:00	09/13/21 15:58	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 126*	*09/09/21 12:00*	*09/13/21 13:59*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*25 - 126*	*09/09/21 12:00*	*09/13/21 15:58*	*100*
DCB Decachlorobiphenyl (Surr)	*85*		*20 - 155*	*09/09/21 12:00*	*09/13/21 13:59*	*1*
DCB Decachlorobiphenyl (Surr)	*116*		*20 - 155*	*09/09/21 12:00*	*09/13/21 15:58*	*100*

Client Sample Results

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

General Chemistry

Client Sample ID: SP-SW2-A1
Date Collected: 09/08/21 13:10
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.6		0.1	0.1	%			09/08/21 20:24	1

Client Sample ID: SP-SW2-B1
Date Collected: 09/08/21 13:17
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.5		0.1	0.1	%			09/08/21 20:24	1

Client Sample ID: SP-SW2-C1
Date Collected: 09/08/21 13:25
Date Received: 09/08/21 14:45

Lab Sample ID: 570-69478-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.06		0.1	0.1	%			09/08/21 20:24	1

Surrogate Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX1	DCB1										
Lab Sample ID	Client Sample ID	(25-126)	(20-155)										
570-69478-1	SP-SW2-A1	85	79										
570-69478-1	SP-SW2-A1	118	93										
570-69478-1 MS	SP-SW2-A1	89	86										
570-69478-1 MSD	SP-SW2-A1	85	77										
570-69478-2	SP-SW2-B1	83	82										
570-69478-2	SP-SW2-B1	124	106										
570-69478-3	SP-SW2-C1	83	85										
570-69478-3	SP-SW2-C1	102	116										
LCS 570-177900/2-A	Lab Control Sample	98	96										
LCSD 570-177900/3-A	Lab Control Sample Dup	106	106										
MB 570-177900/1-A	Method Blank	95	89										

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-177900/1-A
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1221	ND		50	24	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1232	ND		50	24	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1242	ND		50	24	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1248	ND		50	24	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1254	ND		50	27	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1260	ND		50	27	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1262	ND		50	27	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Aroclor-1268	ND		50	27	ug/Kg		09/09/21 12:00	09/13/21 12:27	1
Total PCBs	ND		50	27	ug/Kg		09/09/21 12:00	09/13/21 12:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*95*		*25 - 126*	*09/09/21 12:00*	*09/13/21 12:27*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*20 - 155*	*09/09/21 12:00*	*09/13/21 12:27*	*1*

Lab Sample ID: LCS 570-177900/2-A
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177900

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			100	116.4		ug/Kg		116	50 - 142		
Aroclor-1260			100	115.3		ug/Kg		115	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*98*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*96*		*20 - 155*

Lab Sample ID: LCSD 570-177900/3-A
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177900

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			100	121.1		ug/Kg		121	50 - 142	4	30
Aroclor-1260			100	125.7		ug/Kg		126	50 - 150	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*106*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*106*		*20 - 155*

Lab Sample ID: 570-69478-1 MS
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: SP-SW2-A1
Prep Type: Total/NA
Prep Batch: 177900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016	ND	F1	107	4005	E F1	ug/Kg	☼	3743	20 - 175		
Aroclor-1260	670		107	621.0	4	ug/Kg	☼	-48	20 - 180		

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-69478-1 MS
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: SP-SW2-A1
Prep Type: Total/NA
Prep Batch: 177900

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*89*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*86*		*20 - 155*

Lab Sample ID: 570-69478-1 MSD
Matrix: Solid
Analysis Batch: 178614

Client Sample ID: SP-SW2-A1
Prep Type: Total/NA
Prep Batch: 177900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND	F1	107	4201	E F1	ug/Kg	☼	3941	20 - 175	5	40
Aroclor-1260	670		107	543.4	4	ug/Kg	☼	-121	20 - 180	13	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*85*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*77*		*20 - 155*

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-69478-1
Project/Site: Clow Valve / 04.20150013.19

GC Semi VOA

Prep Batch: 177900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-69478-1	SP-SW2-A1	Total/NA	Solid	3540C	
570-69478-2	SP-SW2-B1	Total/NA	Solid	3540C	
570-69478-3	SP-SW2-C1	Total/NA	Solid	3540C	
MB 570-177900/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 570-177900/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 570-177900/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
570-69478-1 MS	SP-SW2-A1	Total/NA	Solid	3540C	
570-69478-1 MSD	SP-SW2-A1	Total/NA	Solid	3540C	

Analysis Batch: 178614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-69478-1	SP-SW2-A1	Total/NA	Solid	8082	177900
570-69478-1	SP-SW2-A1	Total/NA	Solid	8082	177900
570-69478-2	SP-SW2-B1	Total/NA	Solid	8082	177900
570-69478-2	SP-SW2-B1	Total/NA	Solid	8082	177900
570-69478-3	SP-SW2-C1	Total/NA	Solid	8082	177900
570-69478-3	SP-SW2-C1	Total/NA	Solid	8082	177900
MB 570-177900/1-A	Method Blank	Total/NA	Solid	8082	177900
LCS 570-177900/2-A	Lab Control Sample	Total/NA	Solid	8082	177900
LCSD 570-177900/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	177900
570-69478-1 MS	SP-SW2-A1	Total/NA	Solid	8082	177900
570-69478-1 MSD	SP-SW2-A1	Total/NA	Solid	8082	177900

General Chemistry

Analysis Batch: 177708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-69478-1	SP-SW2-A1	Total/NA	Solid	Moisture	
570-69478-2	SP-SW2-B1	Total/NA	Solid	Moisture	
570-69478-3	SP-SW2-C1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Client Sample ID: SP-SW2-A1

Lab Sample ID: 570-69478-1

Date Collected: 09/08/21 13:10

Matrix: Solid

Date Received: 09/08/21 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.16 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		1			178614	09/13/21 13:22	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Prep	3540C			20.16 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		100			178614	09/13/21 15:22	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	Moisture		1			177708	09/08/21 20:24	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-SW2-B1

Lab Sample ID: 570-69478-2

Date Collected: 09/08/21 13:17

Matrix: Solid

Date Received: 09/08/21 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.00 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		1			178614	09/13/21 13:41	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Prep	3540C			20.00 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		100			178614	09/13/21 15:40	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	Moisture		1			177708	09/08/21 20:24	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-SW2-C1

Lab Sample ID: 570-69478-3

Date Collected: 09/08/21 13:25

Matrix: Solid

Date Received: 09/08/21 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.19 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		1			178614	09/13/21 13:59	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Prep	3540C			20.19 g	10 mL	177900	09/09/21 12:00	USUL	ECL 1
Total/NA	Analysis	8082		100			178614	09/13/21 15:58	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	Moisture		1			177708	09/08/21 20:24	VWM4	ECL 1
	Instrument ID: GC54									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-69478-1
Project/Site: Clow Valve / 04.20150013.19

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-69478-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-69478-1	SP-SW2-A1	Solid	09/08/21 13:10	09/08/21 14:45
570-69478-2	SP-SW2-B1	Solid	09/08/21 13:17	09/08/21 14:45
570-69478-3	SP-SW2-C1	Solid	09/08/21 13:25	09/08/21 14:45

69478

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CHAIN OF CUSTODY RECORD

DATE: 09/08/21

PAGE: 1 OF 1

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: Earthcon Consultants CA, Inc

ADDRESS: 1100 Town and Country Rd. Suite 200

CITY: Orange STATE: CA ZIP: 92868

TEL: (714) 321-8626 E-MAIL: BSundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow 04.20150013.19

P O NO:

PROJECT CONTACT: Becky Sundilson

SAMPLER(S) (PRINT): LML

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD

☒ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
*PDF
*See Vik Patel

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) xoxylet extraction	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6					
	SP-SW2-A1	09/08/21	1310	Soil	2	X													X								
	SP-SW2-B1	09/08/21	1317	Soil	2	X													X								
	SP-SW2-C1	09/08/21	1325	Soil	2	X													X								

570-69478 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
L Langer	[signature]	9/8/21	1330
[signature]	[signature] ECI	9-8-2021	14:45

5.5/5.1 SC6

06/02/14 Revision

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-69478-1

Login Number: 69478
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-70031-1
Client Project/Site: Clow Valve / 04.20150013.19

For:
EarthCon Consultants Inc
1100 W Town & Country Rd, Suite 200
Orange, California 92868

Attn: Jeff Bennett

Vik Patel

Authorized for release by:
9/21/2021 11:24:43 AM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Job ID: 570-70031-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-70031-1

Comments
No additional comments.

Receipt
The samples were received on 9/15/2021 10:03 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

GC Semi VOA
Method 8082: Due to the high concentration of Aroclor-1248 and Aroclor-1260, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-179333 and analytical batch 570-180067 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8082: The following sample required a dilution due to the nature of the sample matrix: SP-B3-B1 (570-70031-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a dilution due to the nature of the sample matrix: SP-SW3-A1 (570-70031-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Client Sample ID: SP-SW3-A1 — Lab Sample ID: 570-70031-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	7800		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL3	260000		25000	12000	ug/Kg	500	☼	8082	Total/NA
Total PCBs - DL3	280000		25000	14000	ug/Kg	500	☼	8082	Total/NA

Client Sample ID: SP-SW3-B1 — Lab Sample ID: 570-70031-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	2400		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	50000		10000	4800	ug/Kg	200	☼	8082	Total/NA
Total PCBs - DL2	50000		10000	5400	ug/Kg	200	☼	8082	Total/NA

Client Sample ID: SP-SW3-C1 — Lab Sample ID: 570-70031-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	5000		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	110000		10000	4800	ug/Kg	200	☼	8082	Total/NA
Total PCBs - DL2	120000		10000	5400	ug/Kg	200	☼	8082	Total/NA

Client Sample ID: SP-B3-A1 — Lab Sample ID: 570-70031-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	2400		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	21000		5000	2400	ug/Kg	100	☼	8082	Total/NA
Total PCBs - DL2	24000		5000	2700	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-B3-B1 — Lab Sample ID: 570-70031-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	1400		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	11000		5000	2400	ug/Kg	100	☼	8082	Total/NA
Total PCBs - DL2	11000		5000	2700	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-B3-C1 — Lab Sample ID: 570-70031-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	4600		500	270	ug/Kg	10	☼	8082	Total/NA
Total PCBs - DL	16000		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	15000		5000	2400	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-B17-A1 — Lab Sample ID: 570-70031-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260 - DL	3200		500	270	ug/Kg	10	☼	8082	Total/NA
Total PCBs - DL	26000		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1248 - DL2	29000		5000	2400	ug/Kg	100	☼	8082	Total/NA

Client Sample ID: SP-B17-B1 — Lab Sample ID: 570-70031-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1248 - DL	5700		500	240	ug/Kg	10	☼	8082	Total/NA
Aroclor-1254 - DL	6400		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1260 - DL	5300		500	270	ug/Kg	10	☼	8082	Total/NA
Total PCBs - DL	17000		500	270	ug/Kg	10	☼	8082	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Client Sample ID: SP-B17-C1

Lab Sample ID: 570-70031-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1248 - DL	5900		500	240	ug/Kg	10	☼	8082	Total/NA
Aroclor-1254 - DL	6300		500	270	ug/Kg	10	☼	8082	Total/NA
Aroclor-1260 - DL	1800		500	270	ug/Kg	10	☼	8082	Total/NA
Total PCBs - DL	14000		500	270	ug/Kg	10	☼	8082	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SP-SW3-A1
Date Collected: 09/15/21 08:20
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F1	50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*93*		*25 - 126*	*09/15/21 12:14*	*09/18/21 05:04*	*1*
DCB Decachlorobiphenyl (Surr)	*148*		*20 - 155*	*09/15/21 12:14*	*09/18/21 05:04*	*1*

Client Sample ID: SP-SW3-B1
Date Collected: 09/15/21 08:15
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*95*		*25 - 126*	*09/15/21 12:14*	*09/18/21 05:22*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*20 - 155*	*09/15/21 12:14*	*09/18/21 05:22*	*1*

Client Sample ID: SP-SW3-C1
Date Collected: 09/15/21 08:22
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*104*		*25 - 126*	*09/15/21 12:14*	*09/18/21 05:40*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*20 - 155*	*09/15/21 12:14*	*09/18/21 05:40*	*1*

Client Sample ID: SP-B3-A1
Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SP-B3-A1
Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*54*		*25 - 126*	*09/15/21 12:14*	*09/18/21 05:58*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*20 - 155*	*09/15/21 12:14*	*09/18/21 05:58*	*1*

Client Sample ID: SP-B3-B1
Date Collected: 09/15/21 08:37
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*116*		*25 - 126*	*09/15/21 12:14*	*09/18/21 06:16*	*1*
DCB Decachlorobiphenyl (Surr)	*116*		*20 - 155*	*09/15/21 12:14*	*09/18/21 06:16*	*1*

Client Sample ID: SP-B3-C1
Date Collected: 09/15/21 08:42
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*89*		*25 - 126*	*09/15/21 12:14*	*09/18/21 06:34*	*1*
DCB Decachlorobiphenyl (Surr)	*111*		*20 - 155*	*09/15/21 12:14*	*09/18/21 06:34*	*1*

Client Sample ID: SP-B17-A1
Date Collected: 09/15/21 08:46
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1
Aroclor-1254	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SP-B17-A1
Date Collected: 09/15/21 08:46
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 126*	*09/15/21 12:14*	*09/18/21 06:52*	*1*
DCB Decachlorobiphenyl (Surr)	*115*		*20 - 155*	*09/15/21 12:14*	*09/18/21 06:52*	*1*

Client Sample ID: SP-B17-B1
Date Collected: 09/15/21 08:52
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*25 - 126*	*09/15/21 12:14*	*09/18/21 07:10*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*20 - 155*	*09/15/21 12:14*	*09/18/21 07:10*	*1*

Client Sample ID: SP-B17-C1
Date Collected: 09/15/21 08:59
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1
Aroclor-1221	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1
Aroclor-1232	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1
Aroclor-1242	ND		50	24	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1
Aroclor-1262	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1
Aroclor-1268	ND		50	27	ug/Kg	☼	09/15/21 12:14	09/18/21 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*25 - 126*	*09/15/21 12:14*	*09/18/21 07:28*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 155*	*09/15/21 12:14*	*09/18/21 07:28*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

Client Sample ID: SP-SW3-A1
Date Collected: 09/15/21 08:20
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	7800		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 19:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*121*		*25 - 126*	*09/15/21 12:14*	*09/18/21 19:08*	*10*
DCB Decachlorobiphenyl (Surr)	*145*		*20 - 155*	*09/15/21 12:14*	*09/18/21 19:08*	*10*

Client Sample ID: SP-SW3-B1
Date Collected: 09/15/21 08:15
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	2400		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 19:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*110*		*25 - 126*	*09/15/21 12:14*	*09/18/21 19:26*	*10*
DCB Decachlorobiphenyl (Surr)	*127*		*20 - 155*	*09/15/21 12:14*	*09/18/21 19:26*	*10*

Client Sample ID: SP-SW3-C1
Date Collected: 09/15/21 08:22
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	5000		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 19:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*124*		*25 - 126*	*09/15/21 12:14*	*09/18/21 19:44*	*10*
DCB Decachlorobiphenyl (Surr)	*138*		*20 - 155*	*09/15/21 12:14*	*09/18/21 19:44*	*10*

Client Sample ID: SP-B3-A1
Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	2400		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*63*		*25 - 126*	*09/15/21 12:14*	*09/18/21 20:02*	*10*
DCB Decachlorobiphenyl (Surr)	*110*		*20 - 155*	*09/15/21 12:14*	*09/18/21 20:02*	*10*

Client Sample ID: SP-B3-B1
Date Collected: 09/15/21 08:37
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	1400		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*123*		*25 - 126*	*09/15/21 12:14*	*09/18/21 20:20*	*10*
DCB Decachlorobiphenyl (Surr)	*145*		*20 - 155*	*09/15/21 12:14*	*09/18/21 20:20*	*10*

Client Sample ID: SP-B3-C1
Date Collected: 09/15/21 08:42
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	4600		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:38	10
Total PCBs	16000		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:38	10

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	99		25 - 126	09/15/21 12:14	09/18/21 20:38	10
DCB Decachlorobiphenyl (Surr)	115		20 - 155	09/15/21 12:14	09/18/21 20:38	10

Client Sample ID: SP-B17-A1
Date Collected: 09/15/21 08:46
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	3200		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:56	10
Total PCBs	26000		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 20:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	90		25 - 126	09/15/21 12:14	09/18/21 20:56	10
DCB Decachlorobiphenyl (Surr)	115		20 - 155	09/15/21 12:14	09/18/21 20:56	10

Client Sample ID: SP-B17-B1
Date Collected: 09/15/21 08:52
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	5700		500	240	ug/Kg	☼	09/15/21 12:14	09/18/21 21:14	10
Aroclor-1254	6400		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:14	10
Aroclor-1260	5300		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:14	10
Total PCBs	17000		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	88		25 - 126	09/15/21 12:14	09/18/21 21:14	10
DCB Decachlorobiphenyl (Surr)	98		20 - 155	09/15/21 12:14	09/18/21 21:14	10

Client Sample ID: SP-B17-C1
Date Collected: 09/15/21 08:59
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	5900		500	240	ug/Kg	☼	09/15/21 12:14	09/18/21 21:32	10
Aroclor-1254	6300		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:32	10
Aroclor-1260	1800		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:32	10
Total PCBs	14000		500	270	ug/Kg	☼	09/15/21 12:14	09/18/21 21:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	85		25 - 126	09/15/21 12:14	09/18/21 21:32	10
DCB Decachlorobiphenyl (Surr)	99		20 - 155	09/15/21 12:14	09/18/21 21:32	10

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL2

Client Sample ID: SP-SW3-B1
Date Collected: 09/15/21 08:15
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	50000		10000	4800	ug/Kg	☼	09/15/21 12:14	09/18/21 22:08	200
Total PCBs	50000		10000	5400	ug/Kg	☼	09/15/21 12:14	09/18/21 22:08	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*107*		*25 - 126*	*09/15/21 12:14*	*09/18/21 22:08*	*200*
DCB Decachlorobiphenyl (Surr)	*152*		*20 - 155*	*09/15/21 12:14*	*09/18/21 22:08*	*200*

Client Sample ID: SP-SW3-C1
Date Collected: 09/15/21 08:22
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	110000		10000	4800	ug/Kg	☼	09/15/21 12:14	09/18/21 22:26	200
Total PCBs	120000		10000	5400	ug/Kg	☼	09/15/21 12:14	09/18/21 22:26	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*115*		*25 - 126*	*09/15/21 12:14*	*09/18/21 22:26*	*200*
DCB Decachlorobiphenyl (Surr)	*149*		*20 - 155*	*09/15/21 12:14*	*09/18/21 22:26*	*200*

Client Sample ID: SP-B3-A1
Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	21000		5000	2400	ug/Kg	☼	09/15/21 12:14	09/18/21 22:44	100
Total PCBs	24000		5000	2700	ug/Kg	☼	09/15/21 12:14	09/18/21 22:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 126*	*09/15/21 12:14*	*09/18/21 22:44*	*100*
DCB Decachlorobiphenyl (Surr)	*125*		*20 - 155*	*09/15/21 12:14*	*09/18/21 22:44*	*100*

Client Sample ID: SP-B3-B1
Date Collected: 09/15/21 08:37
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	11000		5000	2400	ug/Kg	☼	09/15/21 12:14	09/20/21 14:49	100
Total PCBs	11000		5000	2700	ug/Kg	☼	09/15/21 12:14	09/20/21 14:49	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*122*		*25 - 126*	*09/15/21 12:14*	*09/20/21 14:49*	*100*
DCB Decachlorobiphenyl (Surr)	*182*	*S1+*	*20 - 155*	*09/15/21 12:14*	*09/20/21 14:49*	*100*

Client Sample ID: SP-B3-C1
Date Collected: 09/15/21 08:42
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	15000		5000	2400	ug/Kg	☼	09/15/21 12:14	09/18/21 23:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*119*		*25 - 126*	*09/15/21 12:14*	*09/18/21 23:20*	*100*
DCB Decachlorobiphenyl (Surr)	*137*		*20 - 155*	*09/15/21 12:14*	*09/18/21 23:20*	*100*

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL2

Client Sample ID: SP-B17-A1
Date Collected: 09/15/21 08:46
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	29000		5000	2400	ug/Kg	☼	09/15/21 12:14	09/18/21 23:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*105*		*25 - 126*	*09/15/21 12:14*	*09/18/21 23:38*	*100*
DCB Decachlorobiphenyl (Surr)	*121*		*20 - 155*	*09/15/21 12:14*	*09/18/21 23:38*	*100*

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL3

Client Sample ID: SP-SW3-A1
Date Collected: 09/15/21 08:20
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1248	260000		25000	12000	ug/Kg	☼	09/15/21 12:14	09/18/21 23:56	500
Total PCBs	280000		25000	14000	ug/Kg	☼	09/15/21 12:14	09/18/21 23:56	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*125*		*25 - 126*	*09/15/21 12:14*	*09/18/21 23:56*	*500*
DCB Decachlorobiphenyl (Surr)	*221*	*S1+*	*20 - 155*	*09/15/21 12:14*	*09/18/21 23:56*	*500*

General Chemistry

Client Sample ID: SP-SW3-A1
Date Collected: 09/15/21 08:20
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.5		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-SW3-B1
Date Collected: 09/15/21 08:15
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-SW3-C1
Date Collected: 09/15/21 08:22
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.4		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B3-A1
Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.4		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B3-B1
Date Collected: 09/15/21 08:37
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B3-C1
Date Collected: 09/15/21 08:42
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.4		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B17-A1
Date Collected: 09/15/21 08:46
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.3		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B17-B1
Date Collected: 09/15/21 08:52
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.7		0.1	0.1	%			09/15/21 15:08	1

Client Sample ID: SP-B17-C1
Date Collected: 09/15/21 08:59
Date Received: 09/15/21 10:03
Lab Sample ID: 570-70031-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.2		0.1	0.1	%			09/15/21 15:08	1

Surrogate Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(25-126)	(20-155)
570-70031-1	SP-SW3-A1	93	148
570-70031-1 - DL	SP-SW3-A1	121	145
570-70031-1 - DL3	SP-SW3-A1	125	221 S1+
570-70031-1 MS	SP-SW3-A1	90	117
570-70031-1 MSD	SP-SW3-A1	78	141
570-70031-2	SP-SW3-B1	95	102
570-70031-2 - DL	SP-SW3-B1	110	127
570-70031-2 - DL2	SP-SW3-B1	107	152
570-70031-3	SP-SW3-C1	104	107
570-70031-3 - DL	SP-SW3-C1	124	138
570-70031-3 - DL2	SP-SW3-C1	115	149
570-70031-4	SP-B3-A1	54	96
570-70031-4 - DL	SP-B3-A1	63	110
570-70031-4 - DL2	SP-B3-A1	75	125
570-70031-5	SP-B3-B1	116	116
570-70031-5 - DL	SP-B3-B1	123	145
570-70031-5 - DL2	SP-B3-B1	122	182 S1+
570-70031-6	SP-B3-C1	89	111
570-70031-6 - DL	SP-B3-C1	99	115
570-70031-6 - DL2	SP-B3-C1	119	137
570-70031-7	SP-B17-A1	83	115
570-70031-7 - DL	SP-B17-A1	90	115
570-70031-7 - DL2	SP-B17-A1	105	121
570-70031-8	SP-B17-B1	80	86
570-70031-8 - DL	SP-B17-B1	88	98
570-70031-9	SP-B17-C1	81	92
570-70031-9 - DL	SP-B17-C1	85	99
LCS 570-179333/2-A	Lab Control Sample	60	73
LCSD 570-179333/3-A	Lab Control Sample Dup	85	89
MB 570-179333/1-A	Method Blank	86	87

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-179333/1-A

Matrix: Solid
Analysis Batch: 180067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179333

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	24	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1221	ND		50	24	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1232	ND		50	24	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1242	ND		50	24	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1248	ND		50	24	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1254	ND		50	27	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1260	ND		50	27	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1262	ND		50	27	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Aroclor-1268	ND		50	27	ug/Kg		09/15/21 12:13	09/18/21 02:59	1
Total PCBs	ND		50	27	ug/Kg		09/15/21 12:13	09/18/21 02:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 126*	*09/15/21 12:13*	*09/18/21 02:59*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*20 - 155*	*09/15/21 12:13*	*09/18/21 02:59*	*1*

Lab Sample ID: LCS 570-179333/2-A

Matrix: Solid
Analysis Batch: 180067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179333

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			100	92.41		ug/Kg		92	50 - 142		
Aroclor-1260			100	103.5		ug/Kg		104	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*60*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*73*		*20 - 155*

Lab Sample ID: LCSD 570-179333/3-A

Matrix: Solid
Analysis Batch: 180067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 179333

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			100	104.2		ug/Kg		104	50 - 142	12	30
Aroclor-1260			100	104.4		ug/Kg		104	50 - 150	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*85*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*89*		*20 - 155*

Lab Sample ID: 570-70031-1 MS

Matrix: Solid
Analysis Batch: 180067

Client Sample ID: SP-SW3-A1
Prep Type: Total/NA
Prep Batch: 179333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016	ND	F1	99.6	95580	E F1	ug/Kg	☼	95949	20 - 175		
Aroclor-1260	8300	E	99.6	16480	E 4	ug/Kg	☼	8209	20 - 180		

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-70031-1 MS
Matrix: Solid
Analysis Batch: 180067

Client Sample ID: SP-SW3-A1
Prep Type: Total/NA
Prep Batch: 179333

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*90*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*117*		*20 - 155*

Lab Sample ID: 570-70031-1 MSD
Matrix: Solid
Analysis Batch: 180067

Client Sample ID: SP-SW3-A1
Prep Type: Total/NA
Prep Batch: 179333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND	F1	99.8	95090	E F1	ug/Kg	☼	95267	20 - 175	1	40
Aroclor-1260	8300	E	99.8	17030	E 4	ug/Kg	☼	8751	20 - 180	3	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*78*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*141*		*20 - 155*

Method: Moisture - Percent Moisture

Lab Sample ID: 570-70031-2 DU
Matrix: Solid
Analysis Batch: 179376

Client Sample ID: SP-SW3-B1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	0.2		0.2		%		5	10

Lab Sample ID: 570-70031-9 DU
Matrix: Solid
Analysis Batch: 179376

Client Sample ID: SP-B17-C1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.2		1.2		%		2	10

QC Association Summary

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

GC Semi VOA

Prep Batch: 179333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70031-1 - DL	SP-SW3-A1	Total/NA	Solid	3540C	
570-70031-1 - DL3	SP-SW3-A1	Total/NA	Solid	3540C	
570-70031-1	SP-SW3-A1	Total/NA	Solid	3540C	
570-70031-2 - DL2	SP-SW3-B1	Total/NA	Solid	3540C	
570-70031-2 - DL	SP-SW3-B1	Total/NA	Solid	3540C	
570-70031-2	SP-SW3-B1	Total/NA	Solid	3540C	
570-70031-3 - DL2	SP-SW3-C1	Total/NA	Solid	3540C	
570-70031-3 - DL	SP-SW3-C1	Total/NA	Solid	3540C	
570-70031-3	SP-SW3-C1	Total/NA	Solid	3540C	
570-70031-4	SP-B3-A1	Total/NA	Solid	3540C	
570-70031-4 - DL2	SP-B3-A1	Total/NA	Solid	3540C	
570-70031-4 - DL	SP-B3-A1	Total/NA	Solid	3540C	
570-70031-5	SP-B3-B1	Total/NA	Solid	3540C	
570-70031-5 - DL2	SP-B3-B1	Total/NA	Solid	3540C	
570-70031-5 - DL	SP-B3-B1	Total/NA	Solid	3540C	
570-70031-6	SP-B3-C1	Total/NA	Solid	3540C	
570-70031-6 - DL	SP-B3-C1	Total/NA	Solid	3540C	
570-70031-6 - DL2	SP-B3-C1	Total/NA	Solid	3540C	
570-70031-7 - DL	SP-B17-A1	Total/NA	Solid	3540C	
570-70031-7 - DL2	SP-B17-A1	Total/NA	Solid	3540C	
570-70031-7	SP-B17-A1	Total/NA	Solid	3540C	
570-70031-8 - DL	SP-B17-B1	Total/NA	Solid	3540C	
570-70031-8	SP-B17-B1	Total/NA	Solid	3540C	
570-70031-9	SP-B17-C1	Total/NA	Solid	3540C	
570-70031-9 - DL	SP-B17-C1	Total/NA	Solid	3540C	
MB 570-179333/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 570-179333/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 570-179333/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
570-70031-1 MS	SP-SW3-A1	Total/NA	Solid	3540C	
570-70031-1 MSD	SP-SW3-A1	Total/NA	Solid	3540C	

Analysis Batch: 180067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70031-1	SP-SW3-A1	Total/NA	Solid	8082	179333
570-70031-1 - DL	SP-SW3-A1	Total/NA	Solid	8082	179333
570-70031-1 - DL3	SP-SW3-A1	Total/NA	Solid	8082	179333
570-70031-2	SP-SW3-B1	Total/NA	Solid	8082	179333
570-70031-2 - DL	SP-SW3-B1	Total/NA	Solid	8082	179333
570-70031-2 - DL2	SP-SW3-B1	Total/NA	Solid	8082	179333
570-70031-3	SP-SW3-C1	Total/NA	Solid	8082	179333
570-70031-3 - DL	SP-SW3-C1	Total/NA	Solid	8082	179333
570-70031-3 - DL2	SP-SW3-C1	Total/NA	Solid	8082	179333
570-70031-4	SP-B3-A1	Total/NA	Solid	8082	179333
570-70031-4 - DL	SP-B3-A1	Total/NA	Solid	8082	179333
570-70031-4 - DL2	SP-B3-A1	Total/NA	Solid	8082	179333
570-70031-5	SP-B3-B1	Total/NA	Solid	8082	179333
570-70031-5 - DL	SP-B3-B1	Total/NA	Solid	8082	179333
570-70031-6	SP-B3-C1	Total/NA	Solid	8082	179333
570-70031-6 - DL	SP-B3-C1	Total/NA	Solid	8082	179333
570-70031-6 - DL2	SP-B3-C1	Total/NA	Solid	8082	179333
570-70031-7	SP-B17-A1	Total/NA	Solid	8082	179333

GC Semi VOA (Continued)

Analysis Batch: 180067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70031-7 - DL	SP-B17-A1	Total/NA	Solid	8082	179333
570-70031-7 - DL2	SP-B17-A1	Total/NA	Solid	8082	179333
570-70031-8	SP-B17-B1	Total/NA	Solid	8082	179333
570-70031-8 - DL	SP-B17-B1	Total/NA	Solid	8082	179333
570-70031-9	SP-B17-C1	Total/NA	Solid	8082	179333
570-70031-9 - DL	SP-B17-C1	Total/NA	Solid	8082	179333
MB 570-179333/1-A	Method Blank	Total/NA	Solid	8082	179333
LCS 570-179333/2-A	Lab Control Sample	Total/NA	Solid	8082	179333
LCSD 570-179333/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	179333
570-70031-1 MS	SP-SW3-A1	Total/NA	Solid	8082	179333
570-70031-1 MSD	SP-SW3-A1	Total/NA	Solid	8082	179333

Analysis Batch: 180291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70031-5 - DL2	SP-B3-B1	Total/NA	Solid	8082	179333

General Chemistry

Analysis Batch: 179376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70031-1	SP-SW3-A1	Total/NA	Solid	Moisture	
570-70031-2	SP-SW3-B1	Total/NA	Solid	Moisture	
570-70031-3	SP-SW3-C1	Total/NA	Solid	Moisture	
570-70031-4	SP-B3-A1	Total/NA	Solid	Moisture	
570-70031-5	SP-B3-B1	Total/NA	Solid	Moisture	
570-70031-6	SP-B3-C1	Total/NA	Solid	Moisture	
570-70031-7	SP-B17-A1	Total/NA	Solid	Moisture	
570-70031-8	SP-B17-B1	Total/NA	Solid	Moisture	
570-70031-9	SP-B17-C1	Total/NA	Solid	Moisture	
570-70031-2 DU	SP-SW3-B1	Total/NA	Solid	Moisture	
570-70031-9 DU	SP-B17-C1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Client Sample ID: SP-SW3-A1

Date Collected: 09/15/21 08:20
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.16 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 05:04	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.16 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10			180067	09/18/21 19:08	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL3		20.16 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL3	500	1 mL	1.0 mL	180067	09/18/21 23:56	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-SW3-B1

Date Collected: 09/15/21 08:15
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.12 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 05:22	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.12 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10			180067	09/18/21 19:26	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.12 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	200	1 mL	1.0 mL	180067	09/18/21 22:08	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-SW3-C1

Date Collected: 09/15/21 08:22
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.17 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 05:40	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.17 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 19:44	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.17 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	200	1 mL	1.0 mL	180067	09/18/21 22:26	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Lab Chronicle

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Client Sample ID: SP-B3-A1

Date Collected: 09/15/21 08:32
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.15 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 05:58	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.15 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 20:02	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.15 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	100	1 mL	1.0 mL	180067	09/18/21 22:44	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-B3-B1

Date Collected: 09/15/21 08:37
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.11 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 06:16	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.11 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 20:20	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.11 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	100			180291	09/20/21 14:49	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-B3-C1

Date Collected: 09/15/21 08:42
Date Received: 09/15/21 10:03

Lab Sample ID: 570-70031-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.13 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 06:34	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.13 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 20:38	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.13 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	100	1 mL	1.0 mL	180067	09/18/21 23:20	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Lab Chronicle

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

Client Sample ID: SP-B17-A1
Lab Sample ID: 570-70031-7
Date Collected: 09/15/21 08:46
Matrix: Solid
Date Received: 09/15/21 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.05 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 06:52	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.05 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 20:56	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL2		20.05 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL2	100	1 mL	1.0 mL	180067	09/18/21 23:38	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-B17-B1
Lab Sample ID: 570-70031-8
Date Collected: 09/15/21 08:52
Matrix: Solid
Date Received: 09/15/21 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.09 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 07:10	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.09 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 21:14	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Client Sample ID: SP-B17-C1
Lab Sample ID: 570-70031-9
Date Collected: 09/15/21 08:59
Matrix: Solid
Date Received: 09/15/21 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			20.07 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082		1			180067	09/18/21 07:28	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3540C	DL		20.07 g	10 mL	179333	09/15/21 12:14	USUL	ECL 1
Total/NA	Analysis	8082	DL	10	1 mL	1.0 mL	180067	09/18/21 21:32	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Analysis	Moisture		1			179376	09/15/21 15:08	VWM4	ECL 1
	Instrument ID: GC54									

Laboratory References:
ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: EarthCon Consultants Inc
Job ID: 570-70031-1
Project/Site: Clow Valve / 04.20150013.19

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3540C	Soxhlet Extraction	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: EarthCon Consultants Inc
Project/Site: Clow Valve / 04.20150013.19

Job ID: 570-70031-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-70031-1	SP-SW3-A1	Solid	09/15/21 08:20	09/15/21 10:03
570-70031-2	SP-SW3-B1	Solid	09/15/21 08:15	09/15/21 10:03
570-70031-3	SP-SW3-C1	Solid	09/15/21 08:22	09/15/21 10:03
570-70031-4	SP-B3-A1	Solid	09/15/21 08:32	09/15/21 10:03
570-70031-5	SP-B3-B1	Solid	09/15/21 08:37	09/15/21 10:03
570-70031-6	SP-B3-C1	Solid	09/15/21 08:42	09/15/21 10:03
570-70031-7	SP-B17-A1	Solid	09/15/21 08:46	09/15/21 10:03
570-70031-8	SP-B17-B1	Solid	09/15/21 08:52	09/15/21 10:03
570-70031-9	SP-B17-C1	Solid	09/15/21 08:59	09/15/21 10:03

eurofins | Calscience

Loc: 570
70031

570-70031 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 09/15/21

PAGE: 1 OF 1

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us

LABORATORY CLIENT: Earthcon Consultants CA, Inc
ADDRESS: 1100 Town and Country Rd suite 200
CITY: Orange STATE: CA ZIP: 92868
TEL: (714) 321-8626 E-MAIL: BSundilson@earthcon.com

CLIENT PROJECT NAME / NUMBER: Clow 04.20150013.19
PO NO:
PROJECT CONTACT: Becky Sundilson
SAMPLER(S): (PRINT) LML

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD

☒ COELT EDF | GLOBAL ID: | ECI PROJECT NO: | LOG CODE:

SPECIAL INSTRUCTIONS
*PDF
*See Vik Patel

REQUESTED ANALYSES
Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	TPH(g) GRO	TPH(d) DRO	TPH C6-C36 C6-C44	TPH	BTEX / MTBE 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) En Core Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082) Soxhlet extraction	PAHs 8270 8270 SIM	T22 Metals. 6010/747X 6020/747X	Cr(VI) 7196 7199 218 6
1	SP-SW3-A1	09/15/21	0820	Soil	1	X													X			
2	SP-SW3-B1	09/15/21	0815	Soil	1	X													X			
3	SP-SW3-C1	09/15/21	0822	Soil	1	X													X			
4	SP-B3-A1	09/15/21	0832	Soil	1	X													X			
5	SP-B3-B1	09/15/21	0837	Soil	1	X													X			
6	SP-B3-C1	09/15/21	0842	Soil	1	X													X			
7	SP-B17-A1	09/15/21	0846	Soil	1	X													X			
8	SP-B17-B1	09/15/21	0852	Soil	1	X													X			
9	SP-B17-C1	09/15/21	0859	Soil	1	X													X			
				~~Soil~~	1	X																

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
D. Manger	ECI	09/15/2021	1003
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

3.1/2.7 SCC

05/02/14 Revision

9/21/2021

Login Sample Receipt Checklist

Client: EarthCon Consultants Inc

Job Number: 570-70031-1

Login Number: 70031
List Number: 1
Creator: Cruise, Noel

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX F

GPI GEOTECHNICAL PROFESSIONALS INC.

September 13, 2021

Earthcon Consultants CA, Inc.
1500 S. Sunkist Street, Suite D
Anaheim, California 92806

Attention: Jeffery Bennett, Principal Hydrogeologist

Subject: Report of Geotechnical Observation During Construction
Pavement Project
Clow Valve Facility
1375 Magnolia Avenue
Corona, California
GPI Project No. 2945.C

Dear Jeff:

This report presents the results of geotechnical observation performed by Geotechnical Professionals Inc. (GPI) during the construction at the subject project site.

This report covers the construction of the asphalt pavement area adjacent to El Camino Avenue between the two existing buildings at the subject site.

We provided a report of Geotechnical Investigation (Reference) that provided earthwork recommendations for an asphalt parking lot; however, the site configuration has since changed, and the current project consists of an asphalt cap for environmental purposes that will not be used for parking. Due to the change in site usage, the scope of work was changed from that outlined in the referenced report, and we have only provided on-site density testing results during the construction of this project.

Our scope of services performed and the earthwork during construction observed are summarized in the subsequent sections of this report.

SCOPE OF SERVICES

The scope of services performed by GPI during construction included the following:

- Observation and testing during the backfill of environmental hotspot excavations and remnants of a septic tank;
- In-place density testing of subgrade in pavement areas;
- Laboratory testing, including maximum density/optimum moisture;
- Providing engineering consultation when needed;
- Preparation of this report.

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Laboratory maximum dry density/optimum moisture relationships for the site soils were determined in general accordance with ASTM D 1557. In general, in-place moisture content and dry densities were determined for fill materials in accordance with ASTM D 1556 (sand cone).

The approximate locations of our field density tests during grading and construction are shown on the Site Plan, Figure 1. The results of laboratory maximum density/optimum moisture tests are summarized in Table 1. In-place moisture/density test results for the earthwork are summarized in Table 2. The locations and elevations of our tests were estimated from project plans and field staking established by the project surveyor.

OBSERVATIONS DURING CONSTRUCTION

Excavations

Excavations were performed to remove remnants of a septic tank and environmental hotspot areas. We observed the excavations to extend up to approximately 5 to 6 feet below finished grades in the area where remnants of the underground septic tank were removed and approximately 1 to 2 feet in environmental hotspot areas.

We observed fill soils placed in the excavations in relatively uniform lifts, 6 to 12 inches in thickness, moisture conditioned, and compacted. Based on the results of the in-place density testing, the fills were compacted to at least 90 percent of the maximum dry density, in accordance with ASTM D 1557, at the test locations. In general, the fills were compacted using a backhoe mounted sheepsfoot wheel and rubber-tired loaders. Fill soils consisted of predominately on-site sand with silt and silty sands.

Pavement Subgrade

A representative of GPI provided geotechnical observation and testing during the compaction of pavement subgrade soils for the new asphalt concrete pavements.

The subgrade soils were processed and moisture-conditioned as necessary and compacted with skip loaders and rubber-tired loaders. Probing of the subgrade and density testing was performed during the preparation of the subgrade. Where probed, the soil subgrade was found to be firm and consistent with properly compacted soils. Where tested, the relative compaction of the subgrade was found to be equal to at be at least 90 percent of the maximum dry density (ASTM D-1557).

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our observations, the aforementioned earthwork activities were, in general, performed in accordance with customary standards of practice.

GPI may not be aware of areas where the contractor or their subcontractors did not notify us to observe and test their work or minor areas of temporary fills not removed and replaced with engineered fills.

LIMITATIONS

Observations and testing services described herein have been limited to activities performed between August 24 and September 3, 2021.

The conclusions and recommendations contained herein have been based upon our observations and testing as noted. No representations are made as to the quality or extent of materials not observed or not specifically addressed herein. Determination of line and grade is the responsibility of others. We understand that certification of line and grade has been provided by the Project Surveyor.

Our services were performed using generally accepted engineering approaches and principles available at this time and the degree of care and skill ordinarily exercised under similar circumstances by reputable geotechnical engineers practicing in this area. No other representation, either expressed or implied, is included or intended in our report.

This report should be considered subject to review by the appropriate regulating agencies.

The opportunity to be of service is appreciated. If you have any questions, please call.

Very truly yours,
Geotechnical Professionals Inc.

Patrick I.F. McGervey, P.E.
Project Engineer

REGISTERED PROFESSIONAL ENGINEER
PATRICK I.F. MCGERVEY
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Principal

REGISTERED PROFESSIONAL ENGINEER
PAUL R. SCHADE
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GEOTECHNICAL
STATE OF CALIFORNIA

Enclosures:
- Table 1 - Laboratory Testing - Compaction Tests
- Table 2 - Summary of Field Density Test Results
- Figure 1 - Plot Plan

Distribution: (PDF) Addressee
Cc: Becky Sundilson

Reference: Geotechnical Professionals Inc., "Revised Report of Geotechnical Investigation, Proposed Pavement Project – Clow Valve Facility, 1375 Magnolia Avenue, Corona, California," Project No. 2945.I, dated September 10, 2019.

TABLE 1

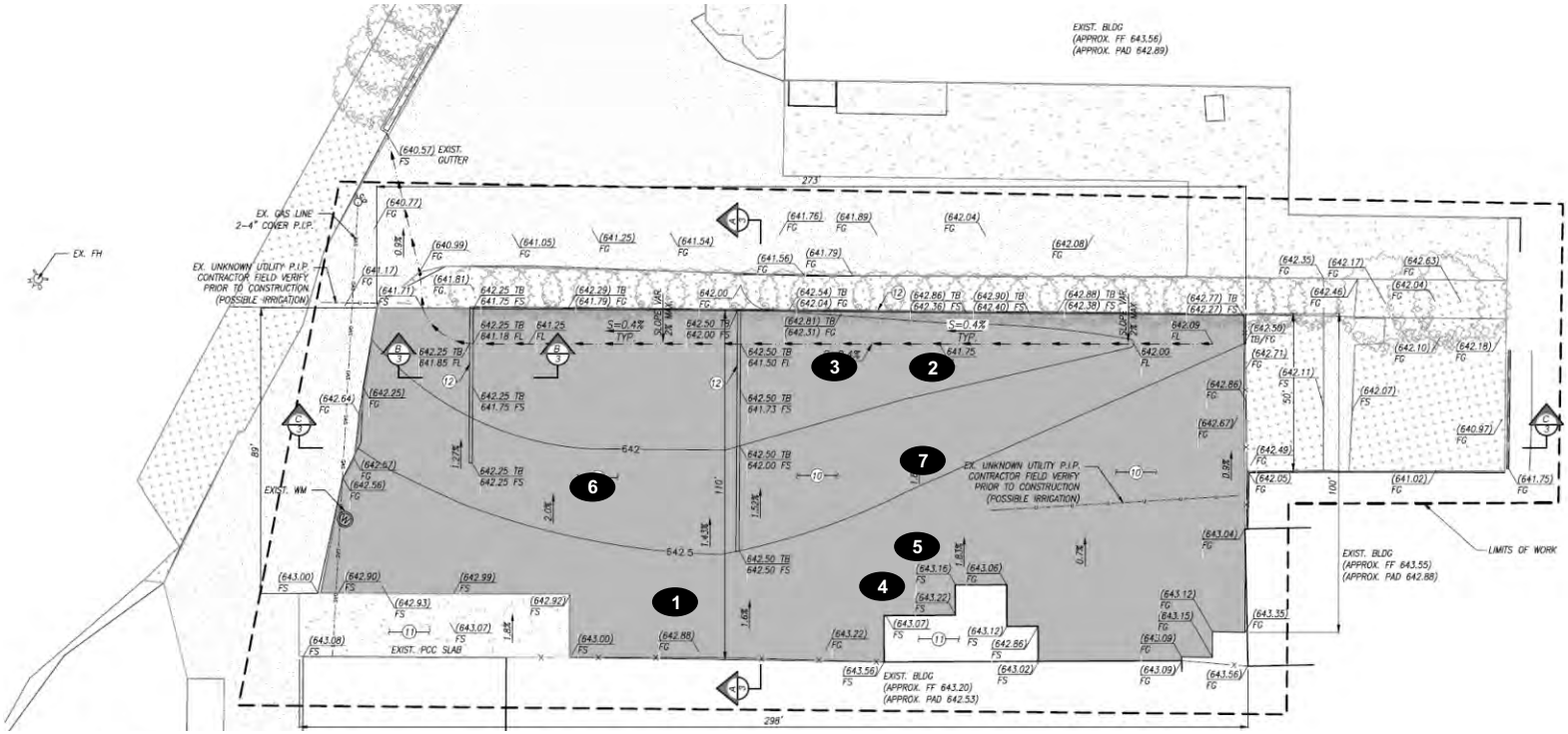
LABORATORY COMPACTION TEST RESULTS
(ASTM D 1557)

CURVE NO.	SOIL DESCRIPTION	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE CONTENT (%)
1	Sand with Silt (SP-SM)	126	8.0
1B	Sand with Silt (SP-SM) w/gravel	133	7.0
2	Silty Sand (SM), brown	132	7.5
2B	Silty Sand (SM), brown w/gravel	135	7.0

TABLE 2

IN-PLACE COMPACTION TEST RESULTS
(ASTM D 1556)

TEST NO.	DATE	ELEV (ft)	MOIST. (%)	DRY DENSITY (pcf)	CURVE NO.	COMP. (%)	REMARKS
	2021						
1	8/24	44	10.7	132	1B	99	EXCAVATION BACKFILL
2	8/24	42	11.9	130	1B	98	EXCAVATION BACKFILL
3	8/25	44	7.9	135	2B	100	EXCAVATION BACKFILL
4	8/25	42	7.9	134	2B	99	EXCAVATION BACKFILL
5	8/25	44	14.5	135	2B	100	PAVEMENT SUBGRADE
6	9/3	44	8.7	126	1B	95	PAVEMENT SUBGRADE
7	9/3	44	9.5	132	1B	99	PAVEMENT SUBGRADE



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EXPLANATION

1 APPROXIMATE LOCATIONS OF IN-PLACE DENSITY TESTS

0 40 80 FEET

BASE MAP REPRODUCED FROM PRECISE GRADING & DRAINAGE PLANS PROVIDED BY ARMSTRONG & BROOKS CONSULTING ENGINEERS: NOT DATED

GPI GEOTECHNICAL PROFESSIONALS, INC.

CLOW VALVE FACILITY

GPI PROJECT NO.: 2945.C | SCALE: 1" = 40'

PLOT PLAN

FIGURE 1

APPENDIX G

Table 1 - Soil Analytical Results - PCBs
Supplemental Soil Investigation
Clow Valve

Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
P-1-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	**8300**	**13000**	<500	<500
P-1-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	**240**	<50	<50
P-1-3	3	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	<500	**640**	<500	<500
P-2-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	**15000**	<500	**2400**	<500	<500
P-2-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**30000**	<500	**2900**	<500	<500
P-2-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	**880**	<50	**150**	<50	<50
P-3-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	**5500**	**2900**	<500	<500	<500
P-3-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	**6600**	**1800**	<500	<500
P-3-3	3	12/13/2021	ug/kg	<1000	<500	<500	<500	**15000**	<500	**1900**	<500	<500
P-4-0	0	12/13/2021	ug/kg	<99	<50	<50	<50	**1100**	**420**	<50	<50	<50
P-4-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**1400**	<500	<500	<500	<500
P-4-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**430**	**300**	<50	<50	<50
P-5-0	0	12/13/2021	ug/kg	<990	<500	<500	<500	**6000**	**3400**	**670**	<500	<500
P-5-1	1	12/13/2021	ug/kg	<990	<500	<500	<500	**2500**	**2100**	<500	<500	<500
P-5-3	3	12/13/2021	ug/kg	<990	<500	<500	<500	**3200**	**1700**	<500	<500	<500
S-1-1	1	10/4/2020	ug/kg	<2500	<1200	<1200	<1200	**36000**	**18000**	<1200	<1200	<1200
S-1-3	3	10/4/2020	ug/kg	<500	<250	<250	<250	**1800**	**1500**	**2400**	<250	<250
S-1-5	5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-2-1	1	10/4/2020	ug/kg	<4900	<2500	<2500	<2500	**21000**	**14000**	**6100**	<2500	<2500
S-2-3	3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**20000**	<2500	**3600**	<2500	<2500
S-2-5	5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**19000**	<2500	**3800**	<2500	<2500
S-2-5.5	5.5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-3-1	1	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-3	3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-5	5	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-1	1	10/4/2020	ug/kg	<200	<98	<98	<98	<98	<98	**150**	<98	<98
S-4-3	3	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-5	5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-5-1	1	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-6-1	1	10/4/2020	ug/kg	<100	<51	<51	<51	<51	<51	<51	<51	<51
S-6-3	3	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-6-5	5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-7-1		10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-1	1	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-9-1	1	10/5/2021	ug/kg	<5000	<2500	<2500	<2500	**26000**	<2500	**23000**	<2500	<2500
S-9-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	**310**	<50	**370**	<50	<50
S-9-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	**83**	<50	**71**	<50	<50
S-10-1	1	10/5/2021	ug/kg	<10000	<5000	<5000	<5000	**49000**	<5000	**16000**	<5000	<5000
S-10-3	3	10/8/2021	ug/kg	<100	<50	<50	<50	**1300**	<50	**1500**	<50	<50
S-10-5	5	10/8/2021	ug/kg	<200	<100	<100	<100	**590**	<100	**530**	<100	<100
S-10-8	8	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-11-1	1	10/5/2021	ug/kg	<20000	<10000	<10000	<10000	**110000**	<10000	**32000**	<10000	<10000
S-11-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	**70**	<50	<50	<50	<50
S-11-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	**230**	<50	**110**	<50	<50
S-12-1	1	10/5/2021	ug/kg	<200	<100	<100	<100	**300**	<100	<100	<100	<100
S-12-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-12-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-13-1	1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-14-1	1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-1	1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-3	3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-16-1	1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-16-3	3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50

Table 1 - Soil Analytical Results - PCBs
Supplemental Soil Investigation
Clow Valve

Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-17-1	1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-17-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	**69**	<50	**52**	<50	<50
S-18-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	**180**	<50	<50	<50	<50
S-18-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	**61**	<50	<50	<50	<50
S-18-5	5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-19-1	1	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-19-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50
S-21-1	1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-21-3	3	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-22-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50
S-22-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-22-5	5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-1	1	10/8/2021	ug/kg	<200	<100	<100	<100	**6200**	<100	**5700**	<100	<100
S-23-3	3	10/8/2021	ug/kg	<200	<100	<100	<100	**3500**	<100	**3200**	<100	<100
S-23-5	5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-7	7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-1	1	10/8/2021	ug/kg	<200	<100	<100	<100	**400**	<100	**310**	<100	<100
S-24-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-5	5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-25-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**4600**	**2300**	<500	<500	<500
S-25-3	3	10/12/2021	ug/kg	<1000	<500	<500	<500	**1300**	**640**	<500	<500	<500
S-25-5	5	10/12/2021	ug/kg	<1000	<500	<500	<500	**680**	**290**	<500	<500	<500
S-26-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**670**	<500	**5000**	<500	<500
S-26-3	3	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	**110**	<50	<50
S-26-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**930**	<500	**2500**	<500	<500
S-27-3	3	10/12/2021	ug/kg	<100	<50	<50	<50	**410**	<50	**120**	<50	<50
S-27-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-10	10	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-28-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**50000**	<500	**12000**	<500	<500
S-28-3	3	10/12/2021	ug/kg	<1000	<500	<500	<500	**5900**	**2900**	<500	<500	<500
S-28-5	5	10/12/2021	ug/kg	<1000	<500	<500	<500	**880**	**540**	<500	<500	<500
S-28-7	7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-29-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**630**	**510**	**720**	<500	<500
S-29-3	3	10/12/2021	ug/kg	**120**	<50	<50	<50	<50	<50	**290**	<50	<50
S-29-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-30-1	1	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**18000**	<5000	<5000	<5000	<5000
S-30-3	3	10/14/2021	ug/kg	<1000	<500	<500	<500	**2300**	<500	<500	<500	<500
S-30-5	5	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**31000**	<5000	<5000	<5000	<5000
S-30-6	6	10/14/2021	ug/kg	<2500	<1300	<1300	<1300	**7800**	<1300	<1300	<1300	<1300
S-31-1	1	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**290000**	<50000	<50000	<50000	<50000
S-31-3	3	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**170000**	<50000	<50000	<50000	<50000
S-31-5	5	10/14/2021	ug/kg	<25000	<13000	<13000	<13000	**120000**	<13000	<13000	<13000	<13000
S-31-10.5	10.5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-1	1	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	**550**	<50	<50
S-32-3	3	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-5	5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-7	7	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-11.8	11.8	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-33-1	1	10/15/2021	ug/kg	<100	<50	<50	<50	**1400**	<50	<50	<50	<50
S-33-3	3	10/15/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50

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Supplemental Soil Investigation
Clow Valve

Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-35-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-35-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-37-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**180**	<50	<50	<50	<50
S-37-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**250**	<50	**53**	<50	<50
S-38-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**260**	<50	<50	<50	<50
S-38-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-39-1	1	12/13/2021	ug/kg	<1000	<510	<510	<510	**1700**	**1600**	<510	<510	<510
S-39-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-40-1	1	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-40-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-41-1	1	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-41-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-42-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-42-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-43-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**650**	<500	**1000**	<500	<500
S-43-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-44-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**2900**	<50	<50	<50	<50
S-44-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**500**	<50	<50	<50	<50
S-45-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-45-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-46-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-46-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-47-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-47-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-48-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-48-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-49-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-49-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-50-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-50-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-51-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-51-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-52-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-52-3	3	12/13/2021	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-53-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-53-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-54-1	1	12/14/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-54-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-55-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-55-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-56-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-56-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-57-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-57-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-58-1	1	12/14/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-58-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-59-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**120**	**110**	<50	<50	<50
S-59-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-60-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**21000**	**16000**	<50	<50	<50
S-60-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**330**	**160**	<50	<50	<50

depth - ft
ug/kg - micrograms per kilogram
< - less than the reporting limit

Updated by: BS 01/03/22
Reveiwed by: FH 01/03/22

Table 1A - Soil Analytical Results - Lead
Supplemental Soil Investigation

Sample ID	Depth	Date	Unit	Lead
P-1-0	0	12/13/2021	ug/kg	**290**
P-1-1	1	12/13/2021	ug/kg	**44**
P-1-3	3	12/13/2021	ug/kg	**54**
P-2-0	0	12/13/2021	ug/kg	**160**
P-2-1	1	12/13/2021	ug/kg	**150**
P-2-3	3	12/13/2021	ug/kg	**53**
P-3-0	0	12/13/2021	ug/kg	**210**
P-3-1	1	12/13/2021	ug/kg	**180**
P-3-3	3	12/13/2021	ug/kg	**220**
P-4-0	0	12/13/2021	ug/kg	**180**
P-4-1	1	12/13/2021	ug/kg	**100**
P-4-3	3	12/13/2021	ug/kg	**19**
P-5-0	0	12/13/2021	ug/kg	**630**
P-5-1	1	12/13/2021	ug/kg	**87**
P-5-3	3	12/13/2021	ug/kg	**200**
S-37-1	1	12/13/2021	mg/kg	**6.1**
S-37-3	3	12/13/2021	mg/kg	**8.9**
S-38-1	1	12/13/2021	mg/kg	**7.8**
S-38-3	3	12/13/2021	mg/kg	**8.6**
S-39-1	1	12/13/2021	mg/kg	**8.4**
S-39-3	3	12/13/2021	mg/kg	**7.5**
S-40-1	1	12/14/2021	mg/kg	**7.3**
S-40-3	3	12/14/2021	mg/kg	**1.3**
S-41-1	1	12/14/2021	mg/kg	**2.0**
S-41-3	3	12/14/2021	mg/kg	**1.4**
S-42-1	1	12/13/2021	mg/kg	**4.8**
S-42-3	3	12/13/2021	mg/kg	**2.7**
S-43-1	1	12/13/2021	mg/kg	**9.7**
S-43-3	3	12/13/2021	mg/kg	**8.0**
S-44-1	1	12/13/2021	mg/kg	**65**
S-44-3	3	12/13/2021	mg/kg	**18**
S-45-1	1	12/13/2021	mg/kg	**9.8**
S-45-3	3	12/13/2021	mg/kg	**5.2**
S-46-1	1	12/13/2021	mg/kg	**6.2**
S-46-3	3	12/13/2021	mg/kg	**2.2**
S-47-1	1	12/13/2021	mg/kg	**5.7**
S-47-3	3	12/13/2021	mg/kg	**2.5**
S-48-1	1	12/13/2021	mg/kg	**7.3**
S-48-3	3	12/13/2021	mg/kg	**2.2**
S-49-1	1	12/13/2021	mg/kg	**12**
S-49-3	3	12/13/2021	mg/kg	**2.4**
S-50-1	1	12/13/2021	mg/kg	**45**
S-50-3	3	12/13/2021	mg/kg	**9.3**

Table 1A - Soil Analytical Results - Lead
Supplemental Soil Investigation

Sample ID	Depth	Date	Unit	Lead
S-51-1	1	12/13/2021	mg/kg	**11**
S-51-3	3	12/13/2021	mg/kg	**2.6**
S-52-1	1	12/13/2021	mg/kg	**3.5**
S-52-3	3	12/13/2021	mg/kg	**2.2**
S-53-1	1	12/13/2021	mg/kg	**7.1**
S-53-3	3	12/13/2021	mg/kg	**3.2**
S-54-1	1	12/14/2021	mg/kg	**5.0**
S-54-3	3	12/14/2021	mg/kg	**1.6**
S-55-1	1	12/13/2021	mg/kg	**6.1**
S-55-3	3	12/13/2021	mg/kg	**2.7**
S-56-1	1	12/13/2021	mg/kg	**27**
S-56-3	3	12/13/2021	mg/kg	**4.8**
S-57-1	1	12/13/2021	mg/kg	**4.2**
S-57-3	3	12/13/2021	mg/kg	**6.1**
S-58-1	1	12/14/2021	mg/kg	**20**
S-58-3	3	12/14/2021	mg/kg	**4.5**
S-59-1	1	12/13/2021	mg/kg	**14**
S-59-3	3	12/13/2021	mg/kg	**3.9**
S-60-1	1	12/13/2021	mg/kg	**40**
S-60-3	3	12/13/2021	mg/kg	**7.7**

depth - ft
mg/kg- milligrams per kilogram
< - less than the reporting limit
Updated by: BS 01/03/22
Reveiwed by: FH 01/03/22

From:	Ziff, Sara
To:	Sundilson, Becky; Larry Bowers; Bennett, Jeffrey
Cc:	Kirk Petty; Jeet Radia; Markc@hmcinc.biz; Joe Williams; McAleese, John; Gary Edwards
Subject:	RE: Clow Valve - Supplemental On-Site Soil Investigation
Date:	Monday, January 10, 2022 1:46:26 PM
Attachments:	image003.png

Thanks, Becky. That plan and timeline sound fine. If I receive a draft mid-February, then the final review-approval will likely need to wait until after my March trip; still waiting to set those dates.

Thanks,
Sara

^^

Sara Ziff, P.E.
Project Manager
Land, Chemicals and Redevelopment Division
75 Hawthorne (LND-4-1)
San Francisco, CA 94105
ziff.sara@epa.gov
(415) 972-3536

The RCRA Program in Region 9 accepts all formal correspondence and documents electronically. Please CC: R9LandSubmit@epa.gov. Thank you!

From: Sundilson, Becky <bsundilson@earthcon.com>
Sent: Friday, January 7, 2022 5:13 PM
To: Ziff, Sara <ZIFF.SARA@EPA.GOV>; Larry Bowers <larry.bowers@mcwane.com>; Bennett, Jeffrey <jbennett@earthcon.com>
Cc: Kirk Petty <kirk.petty@mcwane.com>; Jeet Radia <jeet.radia@mcwane.com>; Markc@hmcinc.biz; Joe Williams <jwilliams@linklogistics.com>; McAleese, John <JMcAleese@mccarter.com>; Gary Edwards <gedwards@westernrealco.com>
Subject: Clow Valve - Supplemental On-Site Soil Investigation

Hi Sara,
Thanks for joining us on the call today with McWane. As discussed, we feel like the on-site characterization has been completed with the supplemental soil sampling investigations that were completed in October and December 2021. The analytical summary table and associated figure is attached. As agreed by EPA, McWane may move forward with the amendment/modifications to the site's current 761.61 PCB Application to include placement of a TSCA cap over the area shown on the attached figure and a 10x10x1 ft "hotspot" removal around the S-60 sample location. Further details will be provided in the application.

With your upcoming work schedule, it is our hope to get something to you by mid-February.

Thanks,

Becky Sundilson
Lead Consultant, Environmental Scientist
Earth & Environment
CPSWQ 696, QSD/QSP 1183, SM-QSD 76, QISP 189
Pronouns: she/her

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1100 Town & Country Road, Suite 200
Orange, CA 92868

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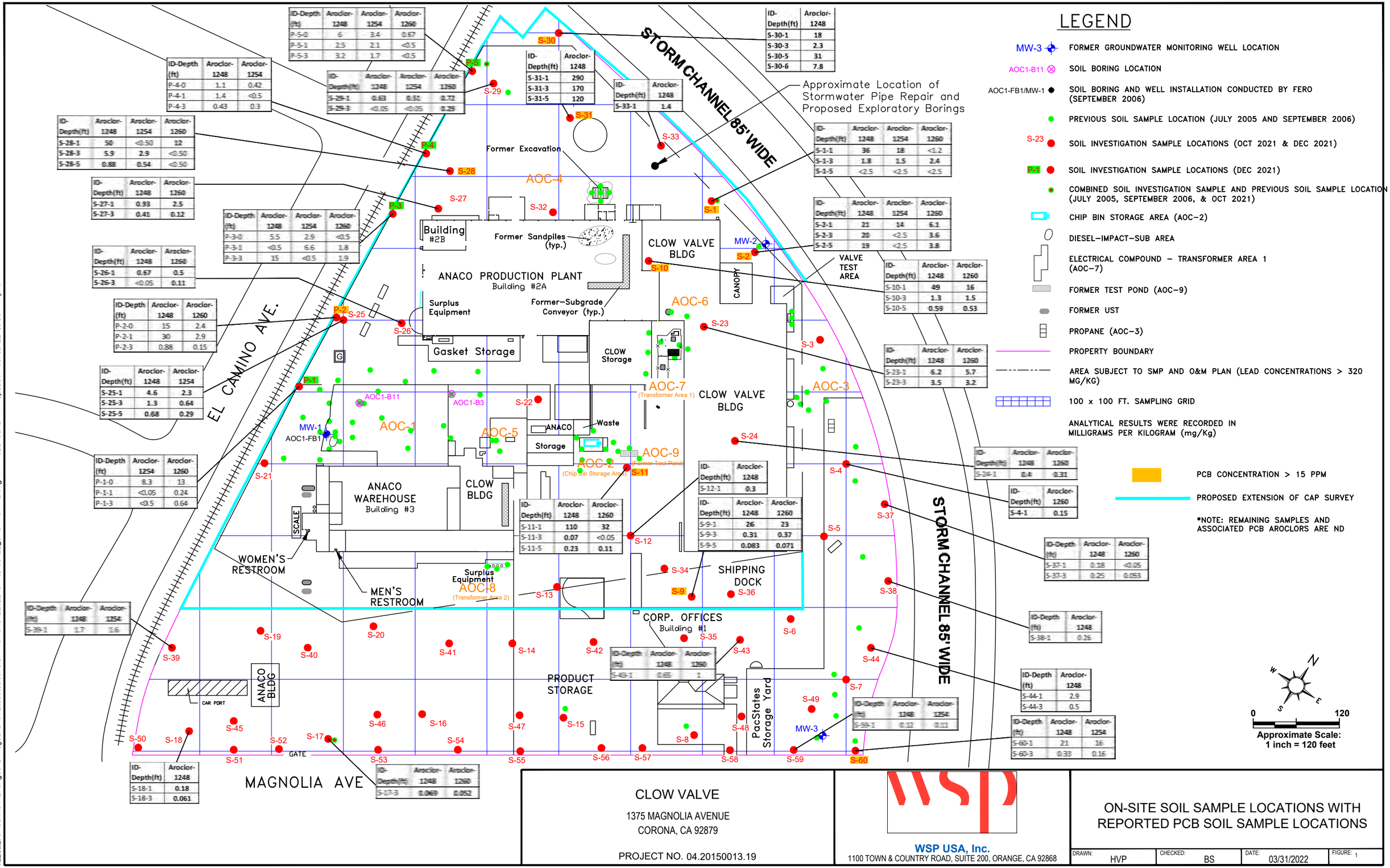

ID-Depth (ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
P-5-0	6	3.4	0.67
P-5-1	2.5	2.1	<0.5
P-5-3	3.2	1.7	<0.5

ID-Depth (ft)	Aroclor-1248	Aroclor-1254
P-4-0	1.1	0.42
P-4-1	1.4	<0.5
P-4-3	0.43	0.3

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-29-1	0.63	0.51	0.73
S-29-3	<0.05	<0.05	0.26

ID-Depth(ft)	Aroclor-1248
S-30-1	18
S-30-3	2.3
S-30-5	31
S-30-6	7.8

ID-Depth(ft)	Aroclor-1248
S-31-1	290
S-31-3	170
S-31-5	120

ID-Depth(ft)	Aroclor-1248
S-33-1	1.4

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-28-1	50	<0.50	12
S-28-3	5.9	2.9	<0.50
S-28-5	0.88	0.54	<0.50

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-27-1	0.93	2.5	
S-27-3	0.41	0.12	

ID-Depth (ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
P-3-0	5.5	2.9	<0.5
P-3-1	<0.5	6.6	1.8
P-3-3	15	<0.5	1.9

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-26-1	0.67	0.5
S-26-3	<0.05	0.11

ID-Depth (ft)	Aroclor-1248	Aroclor-1260
P-2-0	15	2.4
P-2-1	30	2.9
P-2-3	0.88	0.15

ID-Depth(ft)	Aroclor-1248	Aroclor-1254
S-25-1	4.6	2.3
S-25-3	1.3	0.64
S-25-5	0.68	0.29

ID-Depth (ft)	Aroclor-1254	Aroclor-1260
P-1-0	8.3	13
P-1-1	<0.05	0.24
P-1-3	<0.5	0.64

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-11-1	110	32
S-11-3	0.07	<0.05
S-11-5	0.23	0.11

ID-Depth(ft)	Aroclor-1248
S-12-1	0.3

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-9-1	26	23
S-9-3	0.31	0.37
S-9-5	0.083	0.071

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-1-1	36	18	<1.2
S-1-3	1.8	1.5	2.4
S-1-5	<2.5	<2.5	<2.5

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-2-1	21	14	6.1
S-2-3	20	<2.5	3.6
S-2-5	19	<2.5	3.8

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-10-1	49	16
S-10-3	1.3	1.5
S-10-5	0.59	0.53

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-23-1	6.2	5.7
S-23-3	3.5	3.2

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-24-1	0.4	0.31

ID-Depth(ft)	Aroclor-1260
S-4-1	0.15

ID-Depth (ft)	Aroclor-1248	Aroclor-1260
S-37-1	0.18	<0.05
S-37-3	0.25	0.053

ID-Depth (ft)	Aroclor-1248
S-38-1	0.26

ID-Depth (ft)	Aroclor-1248
S-44-1	2.9
S-44-3	0.5

ID-Depth (ft)	Aroclor-1248	Aroclor-1254
S-60-1	2.1	1.6
S-60-3	0.33	0.16

ID-Depth (ft)	Aroclor-1248	Aroclor-1254
S-59-1	0.12	0.13

ID-Depth (ft)	Aroclor-1248	Aroclor-1260
S-49-1	0.65	1

ID-Depth (ft)	Aroclor-1248	Aroclor-1254
S-39-1	1.7	1.6

ID-Depth (ft)	Aroclor-1248	Aroclor-1260
S-17-3	0.069	0.052

ID-Depth(ft)	Aroclor-1248
S-18-1	0.18
S-18-3	0.061

LEGEND

- MW-3 — FORMER GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- S-23 — SOIL INVESTIGATION SAMPLE LOCATIONS (OCT 2021 & DEC 2021)
- P-1 — SOIL INVESTIGATION SAMPLE LOCATIONS (DEC 2021)
- COMBINED SOIL INVESTIGATION SAMPLE AND PREVIOUS SOIL SAMPLE LOCATION (JULY 2005, SEPTEMBER 2006, & OCT 2021)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- 100 x 100 FT. SAMPLING GRID

ANALYTICAL RESULTS WERE RECORDED IN MILLIGRAMS PER KILOGRAM (mg/Kg)

- PCB CONCENTRATION > 15 PPM
- PROPOSED EXTENSION OF CAP SURVEY

*NOTE: REMAINING SAMPLES AND ASSOCIATED PCB AROCLORS ARE ND

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

WSP USA, Inc.
1100 TOWN & COUNTRY ROAD, SUITE 200, ORANGE, CA 92868

ON-SITE SOIL SAMPLE LOCATIONS WITH REPORTED PCB SOIL SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
HVP	BS	03/31/2022	1

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\SP 01-05-22_Site Plan F2.dwg (F4 PCBs Conc w Proposed) 03/31/22 15:38 - hphan