

# WATERSTONE ENVIRONMENTAL, INC.

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July 28, 2020

VIA EMAIL

Mr. Randy Rankin  
President of Construction  
Birtcher Development  
450 Newport Center Drive, Ste. 220  
Newport Beach, CA 92660

**RE: Results of Phase II Investigation Activities at 350 W. Valley Boulevard and 1444 S. Willow Avenue in Rialto, California**

Dear Mr. Rankin:

Waterstone Environmental, Inc. (Waterstone) has prepared this letter report on behalf of Birtcher Development (Birtcher) to summarize the results of a document review and Phase II investigation activities performed at the above-referenced Subject Property (see Figure 1).

## **BACKGROUND**

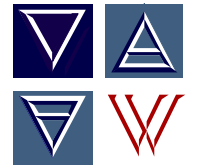
The Subject Property has been used primarily as a storage yard for various companies since approximately the 1940s. Historical activities including maintenance and repair of heavy equipment was primarily conducted in the southeastern portion of the Subject Property addressed as 350 W. Valley Boulevard where various garage and mechanical shop buildings are present.

Previous Phase I reports for the Subject Property identified multiple underground storage tanks (USTs) which were historically located at the Subject Property, but there is some confusion as to the total number of tanks. An inspection report from 1985 identified a total of eight USTs, including one gasoline tank, one solvent tank, two waste oil tanks, and four diesel tanks, but a later inspection document from 1988 states that a total of eleven tanks are present. In 1993, a total of nine USTs were removed from the Subject Property under agency oversight.

A January 2020 Phase II investigation conducted by Avocet Environmental, Inc. (Avocet) identified concentrations of tetrachloroethene (PCE) in soil vapor elevated above commercial human health screening levels across the Subject Property, and a soil vapor barrier was recommended for future building construction.

## **PURPOSE**

The purpose of the investigation was to evaluate potential environmental issues identified at the Subject Property in connection with Birtcher's due diligence evaluation of the Subject Property. Investigation activities were intended to further evaluate the nature and extent of volatile organic compounds (VOCs) in soil vapor, as well as to determine if historically permitted USTs are still present.



## SCOPE OF WORK

The due diligence investigation consisted of the following:

- Detailed review of environmental documents prepared to date for the Subject Property
- A geophysical subsurface survey to attempt to locate any USTs remaining at the Subject Property
- Installation, sampling, and analysis of soil vapor probes to a depth of up to 30 feet below ground surface (bgs) at six (6) locations across the Subject Property.

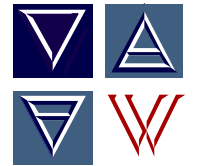
Sample locations are shown on the attached Figure 2.

## DOCUMENT REVIEW

Waterstone reviewed documents provided by Birtcher for previous due diligence investigations conducted at the Subject Property. These documents included a Phase I Environmental Assessment report prepared by Avocet in December 2019, as well as a proposal for Phase II soil and soil vapor sampling and the resulting tables, figures, and laboratory reports associated with the Avocet Phase II investigation conducted in January 2020 (no final Phase II report was prepared by Avocet).

Recognized Environmental Conditions (RECs) identified in the Avocet Phase I included the following:

- A REC was identified for various USTs which may still be present at the Subject Property. This includes two fuel USTs (one 8,000-gallon and one 10,000-gallon) which were identified on permits northeast of the mechanical shop and presumably installed in 1974, but for which no removal documents were identified. Additionally, a 1991 South Coast Air Quality Management District (SCAQMD) permit for installation of two USTs (one 1,500-gallon waste oil tank and one 500-gallon solvent tank) was identified, but no record of installation or removal was identified.
- An historical REC was identified for nine former USTs which were removed from the Subject Property in 1993 under oversight of San Bernardino County Environmental Health Services (SBCoEHS). The USTs include six tanks removed from north of the tire repair building in February 1993 (five diesel tanks and one waste oil tank, approximately 10,000 to 12,000-gallons in size) and three tanks removed from west and north of the mechanical shop in March 1993 (one waste oil and two diesel tanks, approximately 1,000 to 5,000-gallons in size). Confirmation samples were collected for TPH and lead, but no VOC or fuel oxygenate analysis was conducted. A closure letter for the USTs was issued for the Subject Property from SBCoEHS on April 15, 1993.
- A potential vapor encroachment condition (VEC) was identified due to the potential for onsite releases of parts cleaning solvent or gasoline.



- Other environmental features identified for the Subject Property which did not meet the definition of a REC included trench drains and a clarifier in the steam cleaning area, truck and equipment maintenance areas, intermittent hazardous substance use and waste generation, and hazardous building materials including asbestos or lead-based paint.

Additional review by Waterstone of permits provided for the Subject Property identified permits for underground storage tanks for the Subject Property from SBCoEHS from 1993 and 1996, which indicate that additional tanks may have remained on the Subject Property at this time but no other documentation for these potential tanks or their location was identified.

The Phase II investigation conducted by Avocet in January 2020 included soil and soil vapor sampling at all of the RECs and other environmental features identified in the Avocet Phase I report. Soil vapor samples were collected in 1-liter summa canisters at 5 and 15 feet bgs at fourteen (14) locations (SV-1 through SV-14) which targeted these features. The locations of samples conducted by Avocet are included on Figure 2.

Soil vapor samples were analyzed in a stationary laboratory for VOCs by EPA Method TO-15. Soil samples were collected between 2 and 22 feet bgs from the same borings and analyzed for TPH by EPA Method 8015B, VOCs by EPA Method 8260B, Title 22 metals by EPA Method 6010B/7471A, organic lead by CA LUFT, semi-volatile organic compounds (SVOCs) by EPA Method 8270C, and/or polychlorinated biphenyls (PCBs) by EPA Method 8082. The results of soil and soil vapor analysis are included on Tables 1 through 4.

Due to confusion over USTs potentially remaining at the Subject Property, Avocet also proposed to conduct a geophysical survey to attempt to locate any tanks which remain onsite. Documentation of the UST survey was not available to review, but based on communications with Avocet personnel, it is Waterstone's understanding that there was no indication of USTs remaining on the Subject Property identified during Avocet's investigation.

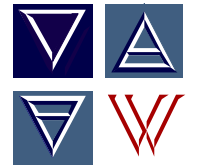
Specific field observations and notes from the January 2020 Phase II investigation were not available for review, but the analytical results of soil and soil vapor sampling conducted by Avocet are included in the data evaluation section below, along with Waterstone's sample results.

## **PHASE II INVESTIGATION**

### **Pre-field Activities**

Prior to conducting field sampling activities, the following pre-field tasks were completed:

- Preparation of a site-specific Health and Safety Plan
- Coordination of access to the Subject Property with the property owner
- Site visit to mark the proposed sample locations in white paint in accordance with



Underground Service Alert (USA) procedures as required by law and notification to USA of the proposed drilling at least 72 hours prior to sampling

- Preparation and calibration of field equipment.

### **Subsurface Survey**

Waterstone retained Spectrum Geophysics, a subsurface utility locating company located in Chatsworth, California, to perform a geophysical subsurface survey and inspect each of the sample locations prior to sampling to avoid underground utilities or other obstructions that could be discerned via geophysical means.

Spectrum Geophysics also conducted a ground penetrating radar (GPR) survey to attempt to locate any USTs remaining at the Subject Property. Based on a review of permits and previous UST removal documents identified for the Subject Property, the GPR survey was focused on the estimated location of a former 8,000-gallon and 10,000-gallon UST which have permits from 1974 which indicate the tanks were installed northeast of the mechanical shop, as shown on Figure 2.

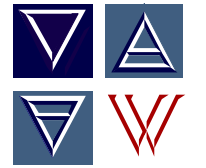
No indications of the presence of historic USTs in this area were identified, which is consistent with the reported findings of Avocet's UST survey conducted in January 2020. One area identified as a GPR anomaly was identified approximately 50 feet east and 30 feet north of the mechanical shop, but there was no indication of any USTs remaining in the subsurface. Maps of the magnetic anomalies and geophysical interpretation prepared by Spectrum Geophysics are included as Attachment A.

No conclusions can be made for the potential presence of other USTs located outside of the surveyed area, but there was no additional information identified to indicate where any additional USTs may be located.

### **Soil Vapor Probe Installation, Sampling, and Laboratory Analysis**

On July 13, 2020, multi-depth soil vapor sampling probes were installed at six (6) locations around the Subject Property. Soil vapor probes were installed in locations meant to provide deeper delineation in areas where the highest concentrations of PCE were previously identified (SV-3 and SV-19, which was located between former locations SV-7 and SV-8) and lateral delineation of PCE impacts previously identified in soil vapor (SV-15 through SV-18). Soil vapor probes were set at a depth of 5, 15, and/or 30 feet bgs. Due to drilling refusals from dense sands and gravels encountered at depth, it was not possible to install soil vapor probes at 45 feet bgs as originally proposed.

Soil vapor probe installation and sampling were performed in accordance with the July 2015 California EPA (Department of Toxic Substances Control (DTSC)/Regional Water Quality Control Board (RWQCB)) *Advisory for Active Soil Gas Investigations (Advisory)*.



The vapor probes were constructed with ¼-inch diameter Nylaflow tubing extending to the surface with an attached porous vapor inlet filter at the target depth. A sand filter pack consisting of clean, kiln-dried #2/12 Monterey sand was extended six inches below and six inches above the depth of the vapor point. The filter pack was topped with a seal of dry bentonite followed by hydrated bentonite between each probe and to near the surface.

Soil vapor probe purging, sampling, and analysis were performed by Jones Environmental, Inc. (Jones) on July 17, 2020. Purging and sampling were performed after allowing for the required 48-hour waiting period for probe equilibration. In addition to sampling the soil vapor probes installed by Waterstone, soil vapor samples were also collected from the existing probes which remain onsite from the previous investigation conducted by Avocet in January. This includes samples collected from SV-3, SV-6, and SV-11 at 5 and 15 feet bgs and from SV-5 at 5 feet bgs. All other previous soil vapor probes installed by Avocet have either been abandoned or could not be located and therefore were not available to sample.

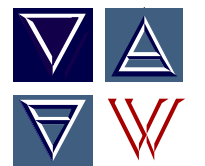
Quality assurance procedures conducted by Jones included the performance of a shut-in test and leak testing at each location prior to sample collection. After purging three volumes at each location, a vapor sample was collected in a gas-tight syringe and analyzed in a mobile laboratory for VOCs by EPA Method 8260B.

### **Soil Sampling and Laboratory Analysis**

Soil samples were collected using a direct push drill rig at the same depths where soil vapor probes were installed at each sample location. Soil samples were collected with the push-probe sampling system which drives an acetate sleeve inside a core barrel into the soil to the desired sampling depths to collect an undisturbed sample. All samples were preserved in the field using laboratory-provided EPA Method 5035 Terracore samplers and archived.

Continuous core sampling was conducted at all locations and soil conditions were noted during sample collection activities. Soils encountered were primarily silty sands and sands with gravelly zones encountered between approximately 15 and 24 feet bgs and at 32 feet bgs. All samples were screened with a photoionization detector (PID) for volatiles during sample collection.

At boring SV-19, which was located south of six historical USTs closed under agency oversight in 1993, elevated PID readings and odorous soil were noted between approximately 20 feet bgs and 35 feet bgs, with a maximum PID headspace reading of 178 parts per million by volume (ppmv) detected at 35 feet bgs. Additional soil samples were collected at a depth of 24, 30, and 35 feet bgs at boring SV-19 and were analyzed for VOCs by EPA Method 8260B. Due to difficult drilling conditions it was not possible to collect samples deeper than 35 feet bgs. No elevated PID readings or odorous soil were encountered at any other sample locations conducted by Waterstone.



To identify and manage samples obtained in the field, a sample label was affixed to each soil sample container. The sample labels included the following information: company name, site name, boring number, sample depth, requested analysis, and the date and time of collection. Following collection and labeling, soil samples were immediately placed in a sample cooler with bagged ice for temporary storage prior to delivery to the laboratory under proper chain-of-custody procedures.

All equipment that came into contact with potentially contaminated soil was decontaminated consistently as to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated but instead packaged for appropriate disposal. Soil cuttings were containerized in a 55-gallon DOT approved drum and stored temporarily onsite pending removal and offsite disposal.

## **SUMMARY OF RESULTS**

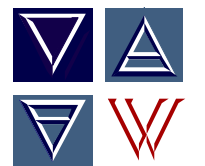
Laboratory results for soil and soil vapor analysis conducted by both Avocet and Waterstone are summarized in Tables 1 through 4. Laboratory reports for both sampling events are provided in Attachment B.

### **Soil Vapor Sampling Results**

The results of soil vapor sampling conducted by both Avocet in January 2020 and Waterstone in July 2020 are presented in Table 1. A total of 21 volatile compounds were detected in soil vapor samples collected during both sampling events at the Subject Property.

For evaluation of risk to human health, soil vapor screening levels were established by comparing soil vapor results against commercial indoor air screening levels published by the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office's (HERO) Note 3 (June 2020) and the U.S. EPA's Regional Screening Levels (RSLs) (May 2020), using two different attenuation factors. The currently published soil vapor screening levels are based on an attenuation factor of 0.0005 for future construction per the DTSC-published *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, dated October 2011. In February 2020, a draft document for public comment was issued by DTSC and the California RWQCBs entitled *Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion*, which suggests the use of an attenuation factor of 0.03. Based on this draft guidance, VOCs detected in soil vapor were additionally compared against indoor air screening levels using an attenuation factor of 0.03 for the purpose of delineating soil vapor concentrations onsite.

The highest VOC concentrations detected during sampling conducted in January 2020 were for PCE, with the maximum concentrations detected at sample location SV-7 at 5 feet bgs (3,300 micrograms per cubic meter [ $\mu\text{g}/\text{m}^3$ ]) and at SV-3 at 5 feet bgs (3,000  $\mu\text{g}/\text{m}^3$ ). Boring SV-7 is located adjacent to six USTs which were removed under agency oversight in 1993. Boring SV-3 is located next to office trailers in the northeast portion of the site where no industrial operations



or chemical storage are known to have existed; however, it is suspected that elevated PCE concentrations in this area may be the result of historical operations on an offsite property to the east with known PCE contamination. During the January 2020 sampling event, a total of 28 samples exceeded soil vapor screening levels for PCE using an attenuation factor of 0.03. None of the soil vapor samples exceeded screening levels using an attenuation factor of 0.0005.

In July 2020, detections of PCE in soil vapor were significantly lower than the previous round of sampling. Notably, samples collected in the same probes previously analyzed showed a 2 to 100 times reduction in concentration of PCE over the six month period. The maximum PCE concentration identified during July 2020 sampling activities was 321 ug/m<sup>3</sup> at sample location SV-6 at 15-ft. A total of 4 samples exceeded soil vapor screening levels using an attenuation factor of 0.03 for PCE during the July 2020 sampling event, and none exceeded screening levels using an attenuation factor of 0.0005. The majority of the soil vapor samples were non-detect for PCE. The results of PCE in soil vapor from both January and July sampling events is shown on Figure 3.

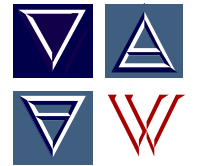
At sample location SV-19, which was installed at 30 feet bgs to vertically delineate PCE concentrations detected in January 2020 around SV-7, odorous soil was encountered during probe installation from approximately 20 to 35 feet bgs. Due to tight sand and gravel encountered at depth, deeper drilling/sampling was not possible. A soil vapor probe installed at 30 feet bgs had elevated detections of multiple petroleum hydrocarbon-related compounds, including naphthalene and ethylbenzene, which were detected above soil vapor screening levels using an attenuation factor of 0.0005. The concentration of 1,2,4-trimethylbenzene (TMB) exceeds soil vapor screening levels using an attenuation factor of 0.03. No PCE or benzene were noted in sample SV-19.

Petroleum hydrocarbon impacts like those found at SV-19 can also be evaluated using the May 1, 2012 *Low Threat UST Case Closure Policy* (LTCC Policy) from the State Water Resources Control Board. The LTCC Policy considers environmental conditions conducive to biodegradation to allow for significant concentrations of petroleum hydrocarbons to be left in place.

Additional detections of VOCs which exceed screening levels using a 0.03 attenuation factor include benzene at SV-1 at 5 feet bgs (19 ug/m<sup>3</sup>) in a former vehicle repair area at the northern end of the site, trichloroethylene (TCE) at SV-12 at 15 feet bgs (170 ug/m<sup>3</sup>) adjacent to a former fuel pump and waste oil UST, and naphthalene at SV-15 at 5 feet bgs (181 ug/m<sup>3</sup>) near a former diesel aboveground storage tank (AST) in the southwest portion of the site. None of these samples exceeded screening levels using a 0.0005 attenuation factor.

### **Soil Sampling Results**

The results of soil sampling conducted by both Avocet in January 2020 and Waterstone in July 2020 are presented in Tables 2 through 4.



For evaluation of risk to human health, soil results levels were compared against commercial screening levels from DTSC HERO Note 3 (June 2020) and the U.S. EPA's RSLs (May 2020). Arsenic in soil was compared against the DTSC-established background level of 12 mg/kg for southern California. A summary of the results of soil sample analysis for samples collected during both sampling events at the Subject Property is as follows:

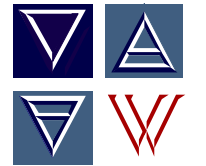
- A total of thirty-one (31) soil samples from fifteen (15) boring locations were analyzed for VOCs and a total of fourteen (14) volatile compounds were detected in soil, as shown on Table 2. The only samples with concentrations of VOCs in soil elevated above commercial screening levels were from boring location SV-19 at 30 and 35 feet bgs, which had detections of naphthalene of 8,900 and 13,000 micrograms per kilogram (ug/kg), respectively. All other soil samples analyzed for VOCs were well below commercial screening levels. Boring SV-19 is located adjacent to where six USTs were removed from the Subject Property in 1993 under agency oversight.
- A total of twenty-eight (28) soil samples from fourteen (14) boring locations were analyzed for TPH, as shown on Table 3. Gasoline range TPH (GRO) was non-detect in all samples, diesel range TPH (DRO) was detected in six (6) samples, and motor oil range TPH (ORO) was detected in six (6) samples. The maximum detections for DRO and ORO TPH were identified in sample SV-12 at a depth of 15 feet bgs, with a concentration of 391 milligrams per kilogram (mg/kg) and 676 mg/kg, respectively. This boring is located adjacent to a grease pit in the mechanical shop, as shown on Figure 2.
- A total of fourteen (14) soil samples were analyzed for metals, as shown on Table 4. No metals were detected in soil above commercial screening levels or background levels.
- A total of fourteen (14) samples were analyzed for SVOCs. No SVOCs were detected in soil in any of the samples analyzed.
- A total of five (5) samples were analyzed for PCBs. No PCBs were detected in soil in any of the samples analyzed.

## CONCLUSIONS AND RECOMMENDATIONS

Soil and soil vapor sampling was conducted at the Subject Property by Avocet (in January 2020) and by Waterstone (in July 2020). Sample locations targeted the areas most likely to be impacted by potential environmental releases, including at all known historic UST locations and fuel storage areas, the clarifier in the steam cleaning area, and truck and equipment maintenance areas. Additional samples were placed in a general grid pattern around the remainder of the Subject Property which was used for outdoor equipment storage.

Soil and soil vapor results were compared against commercial screening levels published by DTSC and the U.S. EPA. All sample results were below commercial screening with the following exceptions:





## **PCE in Soil Vapor**

Using an attenuation factor of 0.0005, no soil vapor results exceed screening levels for PCE, including both the January and July 2020 sampling events. Based on soil vapor sample results from samples analyzed in July 2020, the only samples which exceed the most stringent screening levels using the attenuation factor of 0.03 are primarily located in the southeast portion of the site in the location of the former USTs and mechanical areas (SV-6 and SV-11), as well as in the northeast corner of the site (SV-3). No PCE was detected in soil samples analyzed.

Concentrations of PCE detected during the January and July sampling episodes were markedly different. During the January 2020 sampling event, concentrations of PCE were detected in all soil vapor samples collected from across the Subject Property. In July 2020, PCE was detected in only six of the nineteen samples analyzed. The differences could be due to seasonal variations (winter vs. summer), or possibly (but less likely) different sampling and analytical methods (summa canisters analyzed in a stationary laboratory by EPA Method TO-15 vs. immediate analysis in a mobile laboratory using EPA Method 8260B). Typically, it would be expected that both methods would yield similar results, with the TO-15 method able to achieve lower reporting limits. All sampling by Waterstone was conducted in accordance with regulatory guidance and laboratory quality assurance/quality control guidelines.

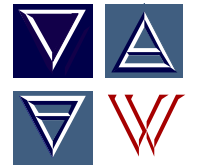
Based on the results of the recent soil vapor sampling event, the need for vapor intrusion mitigation measures might be eliminated or reduced. However, at least one more sampling event should be performed to evaluate temporal variations in soil vapor before a final determination is made on the need for mitigation. Provided the results remain low, there may not be a need for a vapor barrier; however, if the concentrations increase significantly, additional evaluation and/or the need for a vapor barrier during future construction would still be recommended.

## **Petroleum Hydrocarbon-Related Compounds in Soil and Soil Vapor**

Boring SV-19 was installed to vertically delineate PCE concentrations in soil vapor previously identified in January 2020 at nearby sample SV-7, which was located next to the six historical USTs closed under agency oversight in 1993. Based on soil and soil vapor sample results, there appears to have been a release from the USTs that would trigger the need for further study if reviewed by a regulatory agency.

In soil, concentrations of naphthalene exceeded commercial screening levels at depths of 30 and 35 feet bgs. In soil vapor, naphthalene and ethylbenzene exceeded screening levels using a 0.0005 attenuation factor at a depth of 30 feet bgs. No benzene or PCE were detected in soil or soil vapor samples collected from SV-19. Due to drilling refusal, deeper samples could not be collected so the contaminants of concern in this boring are not currently defined vertically.

Additional study is recommended to evaluate the vertical extent of vadose zone impacts at SV-19, as well as a second round of soil vapor sampling to evaluate temporal variations. Analysis of fixed gases in soil vapor is recommended to determine if the petroleum hydrocarbon VOCs



identified in soil and soil vapor can ultimately be closed under the LTCC Policy without the need for active remediation.

If you have any questions regarding this summary report, please contact me at (714) 414-1122.

Sincerely,

Heather Fields  
*Senior Environmental Scientist*  
**Waterstone Environmental, Inc.**

Mark Shifflett  
*Principal Environmental Scientist*  
**Waterstone Environmental, Inc.**

Richard Vogl, P.G.  
*Principal Hydrogeologist*  
**Waterstone Environmental, Inc.**

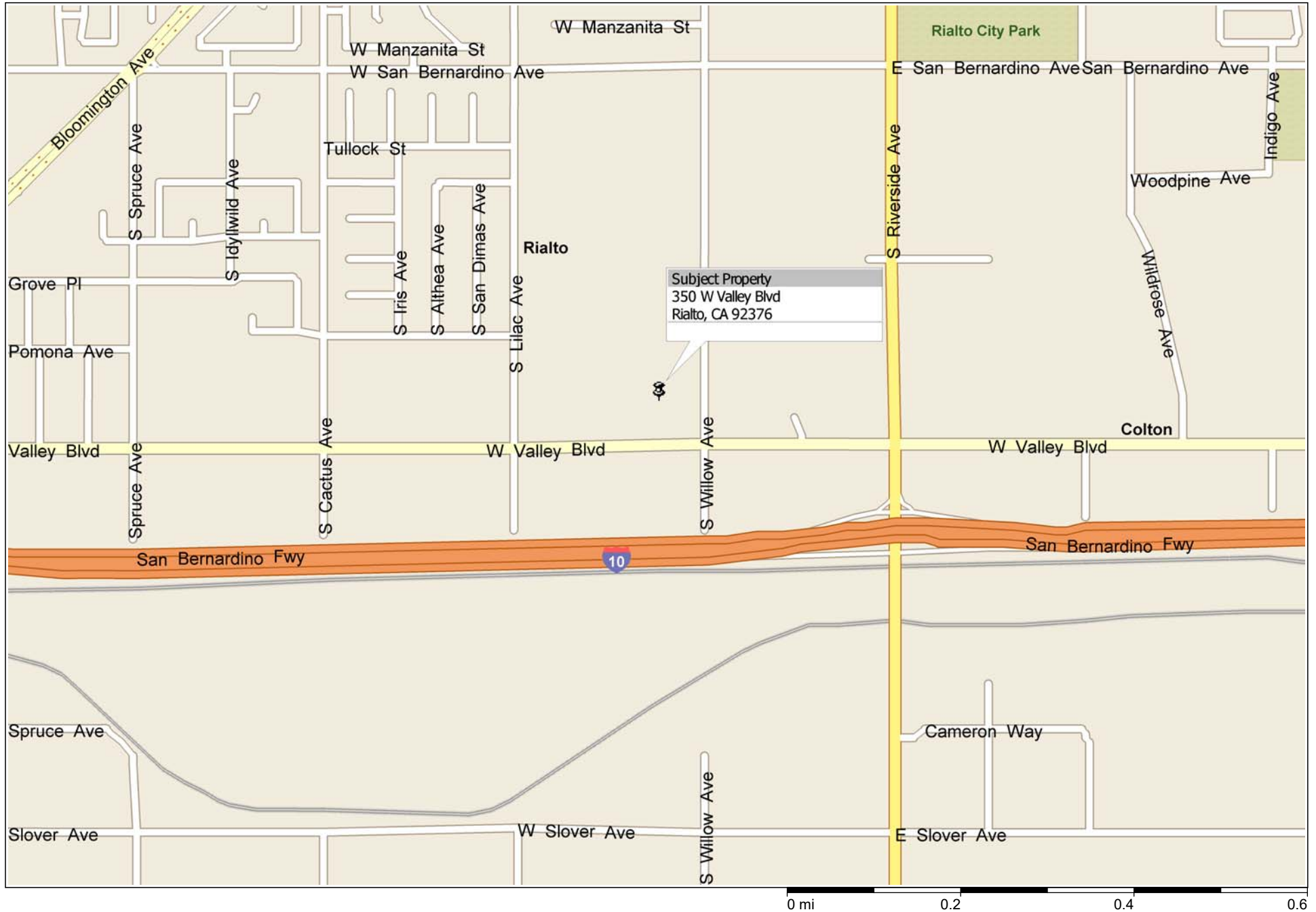
Jeffrey V. Dagdigian, Ph.D.  
*Managing Principal Environmental Scientist*  
**Waterstone Environmental, Inc.**

Attachments:

- Figure 1 – Subject Property Location Map
- Figure 2 – Sample Location Map
- Figure 3 – Results of PCE in Soil Vapor
- Table 1 – VOCs in Soil Vapor Samples
- Table 2 – VOCs in Soil Samples
- Table 3 – TPH in Soil Samples
- Table 4 – Metals in Soil Samples
- Attachment A – Geophysical Survey Maps
- Attachment B – Laboratory Reports

## **Figures**

Figure 1 - Subject Property Location Map





Basemap adapted from Avocet Figure 3

## Figure 2 Sample Location Map

Willow and Valley  
Rialto, CA

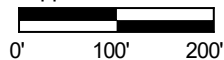
### Legend

 Subject Property Boundary

PCE - Tetrachloroethylene  
NA - Not Analyzed  
Results in micrograms per cubic meter (ug/m3)



Approximate Scale



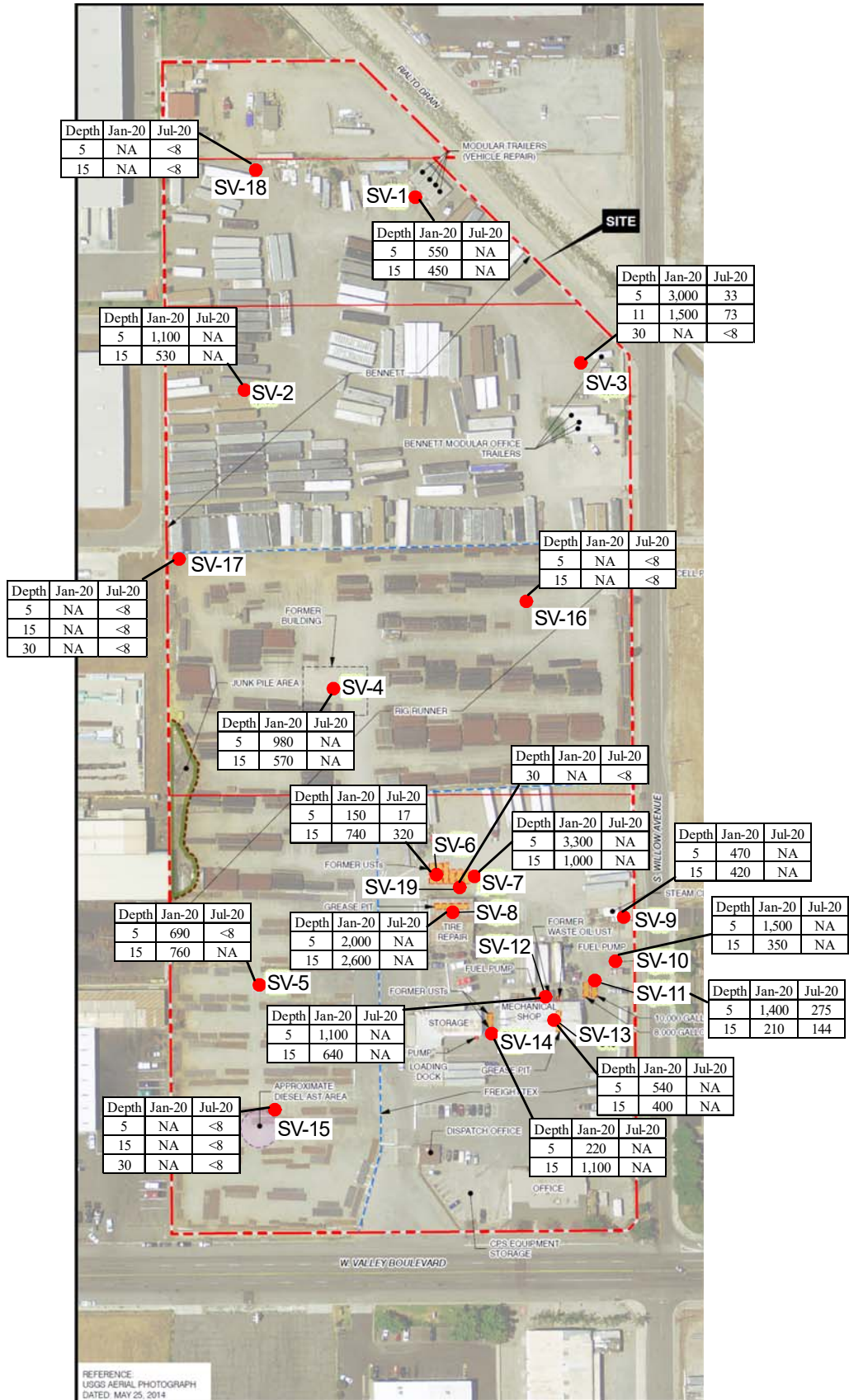
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Drafted By: HLF

Project No.: 20-137

Approved By: MS

Date: 7-18-2020



Basemap adapted from Avocet Figure 3

### Figure 3 Results of PCE in Soil Vapor

Willow and Valley  
Rialto, CA

#### Legend

 Subject Property Boundary

PCE - Tetrachloroethylene  
NA - Not Analyzed  
Results in micrograms per cubic meter (ug/m3)



Approximate Scale



Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim, California 92806

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Date: 7-18-2020

## **Tables**





Table 2  
VOCs in Soil Samples  
350 W. Valley Blvd. 1444 S. Willow Ave.  
Rialto, California

| Boring ID                           | Sample Depth (feet bgs) | Sample Date | Consultant | 1,2,4-Trimethylbenzene | Acetone     | Benzene    | Carbon Disulfide | Ethylbenzene | Isopropylbenzene | Naphthalene   | n-Butylbenzene | n-Propylbenzene | p/m-Xylene   | p-Isopropyltoluene | sec-Butylbenzene | Tert-Butyl Alcohol (TBA) | Toluene    | All Other VOCs |
|-------------------------------------|-------------------------|-------------|------------|------------------------|-------------|------------|------------------|--------------|------------------|---------------|----------------|-----------------|--------------|--------------------|------------------|--------------------------|------------|----------------|
| SV-1                                | 2                       | 01/15/20    | Avocet     | <1.5                   | <37         | <0.75      | <7.5             | <0.75        | <0.75            | <7.5          | <0.75          | <1.5            | <1.5         | <0.75              | <0.75            | <15                      | <0.75      | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.5                   | <38         | <0.76      | <b>8.4</b>       | <0.76        | <0.76            | <7.6          | <0.76          | <1.5            | <1.5         | <0.76              | <0.76            | <15                      | <0.76      | ND             |
| SV-2                                | 2                       | 01/15/20    | Avocet     | <1.5                   | <39         | <0.77      | <7.7             | <0.77        | <0.77            | <7.7          | <0.77          | <1.5            | <1.5         | <0.77              | <0.77            | <15                      | <0.77      | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.4                   | <36         | <0.71      | <7.1             | <0.71        | <0.71            | <7.1          | <0.71          | <1.4            | <1.4         | <0.71              | <0.71            | <14                      | <0.71      | ND             |
| SV-3                                | 2                       | 01/15/20    | Avocet     | <1.3                   | <33         | <0.66      | <6.6             | <0.66        | <0.66            | <6.6          | <0.66          | <1.3            | <1.3         | <0.66              | <0.66            | <13                      | <0.66      | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.5                   | <36         | <b>1.2</b> | <7.3             | <0.73        | <0.73            | <7.3          | <0.73          | <1.5            | <1.5         | <0.73              | <0.73            | <b>26</b>                | <b>1.4</b> | ND             |
| SV-4                                | 2                       | 01/15/20    | Avocet     | <1.5                   | <36         | <0.73      | <7.3             | <0.73        | <0.73            | <7.3          | <0.73          | <1.5            | <1.5         | <0.73              | <0.73            | <15                      | <0.73      | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.5                   | <37         | <0.75      | <7.5             | <0.75        | <0.75            | <7.5          | <0.75          | <1.5            | <1.5         | <0.75              | <0.75            | <15                      | <0.75      | ND             |
| SV-5                                | 2                       | 01/15/20    | Avocet     | <1.5                   | <39         | <0.77      | <7.7             | <0.77        | <0.77            | <7.7          | <0.77          | <1.5            | <1.5         | <0.77              | <0.77            | <15                      | <0.77      | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.4                   | <36         | <0.72      | <7.2             | <0.72        | <0.72            | <7.2          | <0.72          | <1.4            | <1.4         | <0.72              | <0.72            | <14                      | <0.72      | ND             |
| SV-6                                | 15                      | 01/16/20    | Avocet     | <1.6                   | <39         | <0.79      | <7.9             | <0.79        | <0.79            | <7.9          | <0.79          | <1.6            | <1.6         | <0.79              | <0.79            | <16                      | <0.79      | ND             |
|                                     | 20                      | 01/16/20    | Avocet     | <1.5                   | <36         | <0.73      | <7.3             | <0.73        | <0.73            | <7.3          | <0.73          | <1.5            | <1.5         | <0.73              | <0.73            | <15                      | <0.73      | ND             |
| SV-7                                | 15                      | 01/16/20    | Avocet     | <1.6                   | <39         | <0.79      | <7.9             | <0.79        | <0.79            | <7.9          | <0.79          | <1.6            | <1.6         | <0.79              | <0.79            | <16                      | <0.79      | ND             |
|                                     | 20                      | 01/16/20    | Avocet     | <1.4                   | <35         | <0.7       | <7               | <0.7         | <0.7             | <7            | <0.7           | <1.4            | <1.4         | <0.7               | <0.7             | <14                      | <0.7       | ND             |
| SV-8                                | 10                      | 01/15/20    | Avocet     | <1.4                   | <b>73</b>   | <0.71      | <7.1             | <0.71        | <0.71            | <7.1          | <0.71          | <1.4            | <1.4         | <0.71              | <0.71            | <14                      | <0.71      | ND             |
|                                     | 15                      | 01/15/20    | Avocet     | <1.3                   | <34         | <0.67      | <6.7             | <0.67        | <0.67            | <6.7          | <0.67          | <1.3            | <1.3         | <0.67              | <0.67            | <13                      | <0.67      | ND             |
| SV-9                                | 2                       | 01/15/20    | Avocet     | <1.6                   | <40         | <0.8       | <8               | <0.8         | <0.8             | <8            | <0.8           | <1.6            | <1.6         | <0.8               | <0.8             | <16                      | <0.8       | ND             |
|                                     | 5                       | 01/15/20    | Avocet     | <1.5                   | <37         | <0.73      | <7.3             | <0.73        | <0.73            | <7.3          | <0.73          | <1.5            | <1.5         | <0.73              | <0.73            | <15                      | <0.73      | ND             |
| SV-10                               | 15                      | 01/16/20    | Avocet     | <1.5                   | <37         | <0.74      | <7.4             | <0.74        | <0.74            | <7.4          | <0.74          | <1.5            | <1.5         | <0.74              | <0.74            | <15                      | <0.74      | ND             |
|                                     | 20                      | 01/16/20    | Avocet     | <1.4                   | <34         | <0.68      | <6.8             | <0.68        | <0.68            | <6.8          | <0.68          | <1.4            | <1.4         | <0.68              | <0.68            | <14                      | <0.68      | ND             |
| SV-11                               | 10                      | 01/16/20    | Avocet     | <1.6                   | <41         | <0.81      | <8.1             | <0.81        | <0.81            | <8.1          | <0.81          | <1.6            | <1.6         | <0.81              | <0.81            | <16                      | <0.81      | ND             |
|                                     | 16                      | 01/16/20    | Avocet     | <1.5                   | <38         | <0.77      | <7.7             | <0.77        | <0.77            | <7.7          | <0.77          | <1.5            | <1.5         | <0.77              | <0.77            | <15                      | <0.77      | ND             |
| SV-12                               | 10                      | 01/16/20    | Avocet     | <1.4                   | <34         | <0.69      | <6.9             | <0.69        | <0.69            | <6.9          | <0.69          | <1.4            | <1.4         | <0.69              | <0.69            | <14                      | <0.69      | ND             |
|                                     | 18                      | 01/16/20    | Avocet     | <1.4                   | <35         | <0.7       | <7               | <0.7         | <0.7             | <7            | <0.7           | <1.4            | <1.4         | <0.7               | <0.7             | <14                      | <0.7       | ND             |
| SV-13                               | 5                       | 01/15/20    | Avocet     | <1.5                   | <37         | <0.74      | <7.4             | <0.74        | <0.74            | <7.4          | <0.74          | <1.5            | <1.5         | <0.74              | <0.74            | <15                      | <0.74      | ND             |
|                                     | 15                      | 01/15/20    | Avocet     | <1.5                   | <37         | <0.75      | <7.5             | <0.75        | <0.75            | <7.5          | <0.75          | <1.5            | <1.5         | <0.75              | <0.75            | <15                      | <0.75      | ND             |
| SV-14                               | 15                      | 01/16/20    | Avocet     | <1.6                   | <40         | <0.8       | <8               | <0.8         | <0.8             | <8            | <0.8           | <1.6            | <1.6         | <0.8               | <0.8             | <16                      | <0.8       | ND             |
|                                     | 22                      | 01/16/20    | Avocet     | <1.4                   | <35         | <0.71      | <7.1             | <0.71        | <0.71            | <7.1          | <0.71          | <1.4            | <1.4         | <0.71              | <0.71            | <14                      | <0.71      | ND             |
| SV-19                               | 24                      | 07/13/20    | Waterstone | <250                   | --          | <250       | <250             | <250         | <250             | <b>650</b>    | <250           | <250            | <500         | <250               | <250             | --                       | <250       | ND             |
|                                     | 30                      | 07/13/20    | Waterstone | <b>8,600</b>           | --          | <230       | <230             | <b>1,100</b> | <b>460</b>       | <b>8,900</b>  | <b>1,900</b>   | <b>1,400</b>    | <b>1,400</b> | <b>1,500</b>       | <b>1,200</b>     | --                       | <230       | ND             |
|                                     | 35                      | 07/13/20    | Waterstone | <b>14,000</b>          | --          | <260       | <260             | <b>2,400</b> | <b>880</b>       | <b>13,000</b> | <b>3,100</b>   | <b>2,600</b>    | <b>3,200</b> | <b>2,400</b>       | <b>2,000</b>     | --                       | <260       | ND             |
| Commercial EPA/DTSC Screening Level |                         |             |            | 1,800,000              | 670,000,000 | 1,400      | 3,500,000        | 25,000       | 9,900,000        | 6,500         | 18,000,000     | 24,000,000      | 2,400,000    | --                 | 12,000,000       | --                       | 5,300,000  | --             |

Notes:

Samples analyzed using EPA Method 8260B  
Units are micrograms per kilogram (µg/kg)  
-- Denotes not available

bgs = below ground surface  
< Denotes not detected above the Reporting Limit (RL) indicated

**Bold** type indicates reported at detectable concentration  
Concentration exceeds commercial screening level

Screening levels based on Department of Toxic Substances Control (DTSC) - June 2020 and Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) - May 2020

Table 3  
 TPH in Soil Samples  
 350 W. Valley Blvd. 1444 S. Willow Ave.  
 Rialto, California

| Boring No. | Sample Depth<br>(feet bgs) | Sample Date | Consultant | Calculated Values                          |   |   |
|------------|----------------------------|-------------|------------|--|---|---|
|            |                            |             |            | GRO<br>(C <sub>6</sub> - C <sub>12</sub> ) | DRO<br>(C <sub>10</sub> - C <sub>28</sub> ) | ORO<br>(C <sub>20</sub> - C <sub>35</sub> ) |
| SV-1       | 2                          | 01/15/20    | Avocet     | <26  | <b>176</b>                                  | <b>696</b>                                  |
|            | 5                          | 01/15/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-2       | 2                          | 01/15/20    | Avocet     | <5   | <5  | <5  |
|            | 5                          | 01/15/20    | Avocet     | <5.1                                       | <5.1  | <5.1  |
| SV-3       | 2                          | 01/15/20    | Avocet     | <5   | <b>6.6</b>                                  | <b>23.7</b>                                 |
|            | 5                          | 01/15/20    | Avocet     | <5   | <5  | <5  |
| SV-4       | 2                          | 01/15/20    | Avocet     | <5   | <5  | <5  |
|            | 5                          | 01/15/20    | Avocet     | <5   | <5  | <5  |
| SV-5       | 2                          | 01/15/20    | Avocet     | <5   | <5  | <5  |
|            | 5                          | 01/15/20    | Avocet     | <5.1                                       | <5.1  | <5.1  |
| SV-6       | 15                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 20                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-7       | 15                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 20                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-8       | 10                         | 01/15/20    | Avocet     | <4.9                                       | <b>13</b>                                   | <b>38.3</b>                                 |
|            | 15                         | 01/15/20    | Avocet     | <5   | <b>16</b>                                   | <b>43.1</b>                                 |
| SV-9       | 2                          | 01/15/20    | Avocet     | <4.8                                       | <b>5.9</b>                                  | <b>19.7</b>                                 |
|            | 5                          | 01/15/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-10      | 15                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 20                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-11      | 10                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 16                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
| SV-12      | 10                         | 01/16/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 18                         | 01/16/20    | Avocet     | <5   | <5  | <5  |
| SV-13      | 5                          | 01/15/20    | Avocet     | <4.9                                       | <4.9  | <4.9  |
|            | 15                         | 01/15/20    | Avocet     | <5   | <b>391</b>                                  | <b>676</b>                                  |
| SV-14      | 15                         | 01/16/20    | Avocet     | <5.1                                       | <5.1  | <5.1  |
|            | 22                         | 01/16/20    | Avocet     | <5   | <5  | <5  |

**Notes:**

Samples analyzed using EPA Method 8015B (M)

Units are milligrams per kilogram (mg/kg)

bgs = below ground surface

< Denotes nondetected at the Reporting Limit (RL) indicated

**Bold** type indicates reported at detectable concentration

Table 4  
Metals in Soil Samples  
350 W. Valley Blvd. 1444 S. Willow Ave.  
Rialto, California

| Boring ID                           | Sample Depth (feet bgs) | Sample Date | Consultant | Antimony | Arsenic | Barium  | Beryllium | Chromium  | Cobalt | Copper | Lead   | Mercury | Molybdenum | Nickel | Thallium | Vanadium | Zinc    | All Other Metals |
|-------------------------------------|-------------------------|-------------|------------|----------|---------|---------|-----------|-----------|--------|--------|--------|---------|------------|--------|----------|----------|---------|------------------|
| SV-1                                | 2                       | 01/15/20    | Avocet     | 1.54     | 4.88    | 69.6    | 0.669     | 12        | 5.72   | 6.92   | 4.58   | <0.082  | <0.238     | 7.99   | 1.04     | 24.4     | 35.9    | ND               |
| SV-2                                | 2                       | 01/15/20    | Avocet     | <0.746   | 3.43    | 25.2    | 0.26      | 8.15      | 3.76   | 4.43   | 2.39   | <0.0806 | <0.249     | 6.12   | <0.746   | 14.9     | 21.5    | ND               |
| SV-3                                | 2                       | 01/15/20    | Avocet     | <0.743   | 3.86    | 52      | 0.484     | 17.1      | 5.6    | 18     | 8.8    | 0.0887  | <0.248     | 12.5   | <0.743   | 21.3     | 58.4    | ND               |
| SV-4                                | 2                       | 01/15/20    | Avocet     | <0.75    | 2.48    | 40.8    | 0.391     | 11.9      | 5.25   | 6.51   | 3.43   | <0.0833 | <0.25      | 9.06   | <0.75    | 20.7     | 38.1    | ND               |
| SV-5                                | 2                       | 01/15/20    | Avocet     | <0.743   | 3.81    | 58.1    | 0.609     | 16.2      | 7.15   | 9.72   | 1.98   | <0.0833 | <0.248     | 12.5   | 1.22     | 29.6     | 30.7    | ND               |
| SV-6                                | 20                      | 01/16/20    | Avocet     | <0.725   | 1.57    | 80.8    | 0.588     | 6.91      | 5.56   | 6.35   | 1.19   | <0.082  | <0.242     | 6.36   | 1.44     | 24.5     | 29.5    | ND               |
| SV-7                                | 20                      | 01/16/20    | Avocet     | <0.714   | <0.714  | 44.4    | 0.293     | 4.7       | 5.3    | 10.4   | <0.476 | <0.0806 | <0.238     | 4.41   | 1.12     | 24       | 38      | ND               |
| SV-8                                | 10                      | 01/15/20    | Avocet     | <0.75    | 4.36    | 19.6    | <0.25     | 9.92      | 4.44   | 6.19   | 4.27   | <0.082  | 1.23       | 5.44   | <0.75    | 10.7     | 13.9    | ND               |
| SV-9                                | 5                       | 01/15/20    | Avocet     | <0.75    | 2.06    | 24.5    | <0.25     | 6.73      | 3.06   | 4.47   | 1.51   | <0.0806 | <0.25      | 4.12   | <0.75    | 14.2     | 18.9    | ND               |
| SV-10                               | 20                      | 01/16/20    | Avocet     | <0.746   | 3.88    | 32.9    | 0.284     | 9.59      | 4.04   | 11.6   | 2.72   | <0.0833 | 0.525      | 7.36   | <0.746   | 16.8     | 21.6    | ND               |
| SV-11                               | 16                      | 01/16/20    | Avocet     | <0.75    | 2.41    | 20.4    | <0.25     | 4.87      | 2.42   | 6.65   | 3.68   | <0.0806 | <0.25      | 4.87   | <0.75    | 9.83     | 13.6    | ND               |
| SV-12                               | 18                      | 01/16/20    | Avocet     | <0.75    | 2.45    | 21.6    | <0.25     | 8.75      | 3.56   | 9.88   | 2.12   | <0.0833 | 1.21       | 9.34   | <0.75    | 11.7     | 15      | ND               |
| SV-13                               | 15                      | 01/15/20    | Avocet     | 1.19     | 3.11    | 28.7    | <0.239    | 10.6      | 4.39   | 8.93   | 2.6    | <0.082  | <0.239     | 7.03   | <0.718   | 15.7     | 20.5    | ND               |
| SV-14                               | 22                      | 01/16/20    | Avocet     | <0.721   | 2.21    | 69.4    | 0.311     | 4.77      | 6.42   | 2.47   | 0.709  | <0.0833 | <0.24      | 5.11   | 1.63     | 27       | 29.5    | ND               |
| Commercial EPA/DTSC Screening Level |                         |             |            | 470      | 0.36    | 220,000 | 230       | 1,800,000 | 350    | 47,000 | 320    | 4.4     | 5,800      | 11,000 | 12       | 5,800    | 350,000 | --               |
| Background Screening Level          |                         |             |            | --       | 12      | --      | --        | --        | --     | --     | --     | --      | --         | --     | --       | --       | --      | --               |

**Notes:**

Samples analyzed using Methods 6010B, 7471A (Mercury) and CA LUFT Pb (organic lead)  
Units are milligrams per kilogram (mg/kg)  
bgs = below ground surface  
< Denotes not detected above the Reporting Limit (RL) indicated  
-- Denotes not available

**Bold** type indicates reported at detectable concentration  
Screening levels based on Department of Toxic Substances Control (DTSC) - June 2020 and Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) - May 2020  
Background arsenic screening level based on the DTSC paper "Determination of a Southern California Regional Background Arsenic Concentration in Soil" and "Arsenic Strategies, Determination of Arsenic Remediation, Development of Arsenic Cleanup Goals",

# **Attachment A**

# Geophysical Investigation

## Waterstone Environmental

CPS Security  
350 West Valley Boulevard  
Rialto, California  
Project #3194



20434 Corisco Street  
Chatsworth, California 91311  
1-877-565-3595

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## 1.0 INTRODUCTION

Spectrum Geophysics conducted a geophysical investigation on July 9<sup>th</sup>, 2020 on a portion of the property located at 350 West Valley Boulevard in Rialto, California. The purpose of the investigation was to locate detectable underground storage tanks (USTs) or backfilled excavations. The area of investigation, as designated by Heather Fields of Waterstone Environmental, was an asphalt covered area located in the southeast portion of the property. The survey area was roughly 70 feet by 70 feet in size (see Figure 1).

The surficial geology of the site is mapped as Quaternary alluvial fan deposits consisting of silt to boulder sized sediments. There could also be artificial fill overlaying the Quaternary sediments within the survey area. The water table is expected to be deeper than the maximum depth of investigation (8 feet), but moisture in the upper five feet of soil could contribute to corrosion of metallic survey targets and signal attenuation in the GPR data. It is reported that USTs were present at the site in the past, however the records of their removal are incomplete. Site interferences included the a parked truck and K-rail.

## 2.0 EQUIPMENT

The equipment used during this investigation consisted of a Geonics EM-61 high-sensitivity metal detector (EM-61) linked to a Juniper Systems Allegro field computer (Allegro), RadioDetection 4000 utility locator (RD4000), a Fisher TW-6 M-Scope shallow-focus metal detector (M-Scope) and a Sensors & Software “Noggin Smart Cart” ground penetrating radar (GPR) unit coupled to a 500-MHz antenna.

## 3.0 METHODS AND FIELD PROCEDURES

Prior to data acquisition a survey grid was established parallel and perpendicular to the walls of a building in the southwestern corner of the survey area. A survey tape was used to establish the survey lines and stations and survey paint was used to mark the locations of each survey station on the ground.

### 3.1 EM-61 High Sensitivity Metal Detector

The EM-61 metal detector was used in an effort to delineate areas where metallic objects (such as USTs) may be buried. The EM-61 transmitter generates short pulses of a primary magnetic field that induces eddy currents in nearby metallic objects. Between pulses, the two receiver coils measure the decay of the eddy currents in millivolts (mV). The measured values are proportional to the metal content (ferrous and non-ferrous) of the nearby objects.

After the EM-61 had a few minutes to warm up, the instrument was nulled at a base station with more than four meters of separation between the coils and any known metallic objects. A static test was then run in which the instrument response to the soil and a metal bolt was monitored for amplitude and consistency. Finally, a cable-shake test was performed to assure

the cables were in good working condition and the connectors were fastened properly. The EM-61 used in this survey was found to be working as expected.

During this investigation, EM-61 measurements were collected at 2.5-foot intervals along parallel north-south survey lines spaced 5 feet apart. Top coil, bottom coil and differential (top coil data minus the bottom coil data) EM-61 data were acquired at this site. Utilization of the differential data allows for the suppression of some near surface targets that could mask the response from deeper targets of interest. Data from the bottom coil were used in this survey to locate shallow targets such as metallic pipes that could get filtered out in the differential data.



EM-61 data acquisition

### 3.2 Electromagnetic Utility Location

Active electromagnetic (EM) utility-locating methods were used in order to identify buried utility lines and to relocate EM-61 anomalies. Active locating was executed by conducting an EM signal at a known frequency (8 kHz for this site) on metallic lines exposed at the surface. A receiver, tuned to 8 kHz, was then used to locate the signal maxima of the applied signal. The 8 kHz signal was applied to several lines at this site.

The Fisher M-Scope metal detector was used to locate shallow buried metallic features. The M-Scope has a transmitter and a receiver at the ends of a short boom. The transmitter emits a radio-frequency source signal that induces a secondary magnetic field in metallic material in its immediate vicinity. The receiver measures the signal strength of this secondary magnetic field and emits an audible response, the volume and pitch of which increase in the presence of metallic material. The sensitivity of the M-Scope allows the operator to locate the lateral boundaries of a metallic object.

Detected lines were marked on the ground with pink spray paint and plotted on the site map. These lines are labelled “conduit” in Figure 1.



M-Scope

### 3.3 Ground Penetrating Radar

The GPR was used to search for changes in soil that may be the result of a backfilled UST pit. During the GPR survey, an antenna containing both a transmitter and a receiver was pushed along the ground surface along the same north-south survey lines tied to the grid established for the EM-61 survey. The transmitter radiated short pulses of high-frequency radio waves (with a center frequency of 500 MHz) into the ground. As the radio waves propagated into the ground, these waves were reflected at boundaries with contrasting electrical conductivity. The reflected waves were then received at the antenna and displayed as vertical profiles on the GPR unit. High-amplitude reflections are expected at interfaces with a high contrast in electrical conductivity, like dry sand and metal for example. If the electrical conductivity between two mediums is similar, dry concrete and dry sand for example, the resulting reflector may be weak or undetectable.

GPR data collected during this investigation were processed using GPR-Slice™ V7.0. GPR-Slice™ allows the user to combine 2D profiles (radargrams) to generate a 3D volume or a series of horizontal time slice maps. The time slice maps are used to show the location, size, shape and depth of GPR anomalies. Subtle anomalies that may not be distinguishable between adjacent GPR profiles can be detected with time slice maps.

Before the time slice maps were interpreted the following processing steps were taken.

- Input the survey geometry for each radargram relative to the survey grid
- Set “time zero” for each radargram
- Apply a common gain curve, a low-cut filter (200 MHz) and hi-cut filter (1000 MHz) to all radargrams
- Grid GPR data with respect to GPR reflection amplitudes using inverse distance interpolation method

A total of five 10 nanosecond time slice maps were generated and contoured based on GPR signal intensity (absolute amplitude of reflected GPR scans) for the survey area. Each 10 nanosecond time slice represents approximately 2 vertical feet. The time slice contour maps were used to identify GPR anomalies with lateral extents expected for USTs or backfilled excavations. All radargrams and time slices were reviewed, and Figure 3 is presented as a representative time slice. GPR profiles were reviewed in order to distinguish between horizontal GPR reflectors which may be the result of a utility or conductive soil layer, dipping GPR reflectors which may be the result of a sloped edge of a backfilled excavation or broad parabolic reflectors that may be the result of a UST.



*GPR Data Collection*

## 4.0 RESULTS

A site map with geophysical interpretation is presented in Figure 1, a contour map of the EM-61 differential data is presented in Figure 2 and a contour map of the GPR signal intensity from the 9ns to 19ns time slice is presented in Figure 3.

### 4.1 EM-61

The color scale in the contour map of the EM-61 differential data displays the magnitudes of the measured EM-61 values where green colors represent negative reading (indicative of surface metal), light green to yellow colors represent background readings and orange to pink colors represent increasing values above background. Due to the sensitivity of the EM-61, anomalies are usually exaggerated compared to the actual dimensions of the source metal. It is common for a sheared fence post to produce a 7-foot by 7-foot EM-61 anomaly while a 600-gallon UST buried 4 feet below ground surface can produce an EM-61 anomaly with dimensions of 15 feet by 15 feet. The findings of the survey are discussed below.

A moderate-amplitude EM-61 differential anomaly was observed in the northeast corner EM-61 grid due to the parked truck. Several linear EM-61 anomalies were also detected within the survey limits due to buried pipes such as the drain line running along 12.5N and other metallic conduits. The metallic pipes were relocated with the RD4000 or M-Scope to confirm the sources and locations of these anomalies.

There were no EM-61 anomalies with the dimensions expected for a metallic UST of 500-gallons or greater found within the survey area.

### 4.2 GPR

The color scale in the contour map of GPR signal intensity is set so that background is light blue, moderate-amplitude anomalies are green to yellow and high-amplitude reflectors are represented by orange to magenta colors.

There are several high- to moderate-amplitude GPR anomalies within the survey area. Dipping GPR reflectors were detected in only one of these anomalies. This anomaly is centered at 53E, 30N. Reflectors dipping to the south were detected along the northern edge of this GPR anomaly. Because the side walls of a backfilled excavation are expected to be sloped in this manner it is possible that the GPR anomaly is the result of a backfilled excavation.

The GPR signal was satisfactory to a depth of approximately 4 feet.

## 5.0 LIMITATIONS

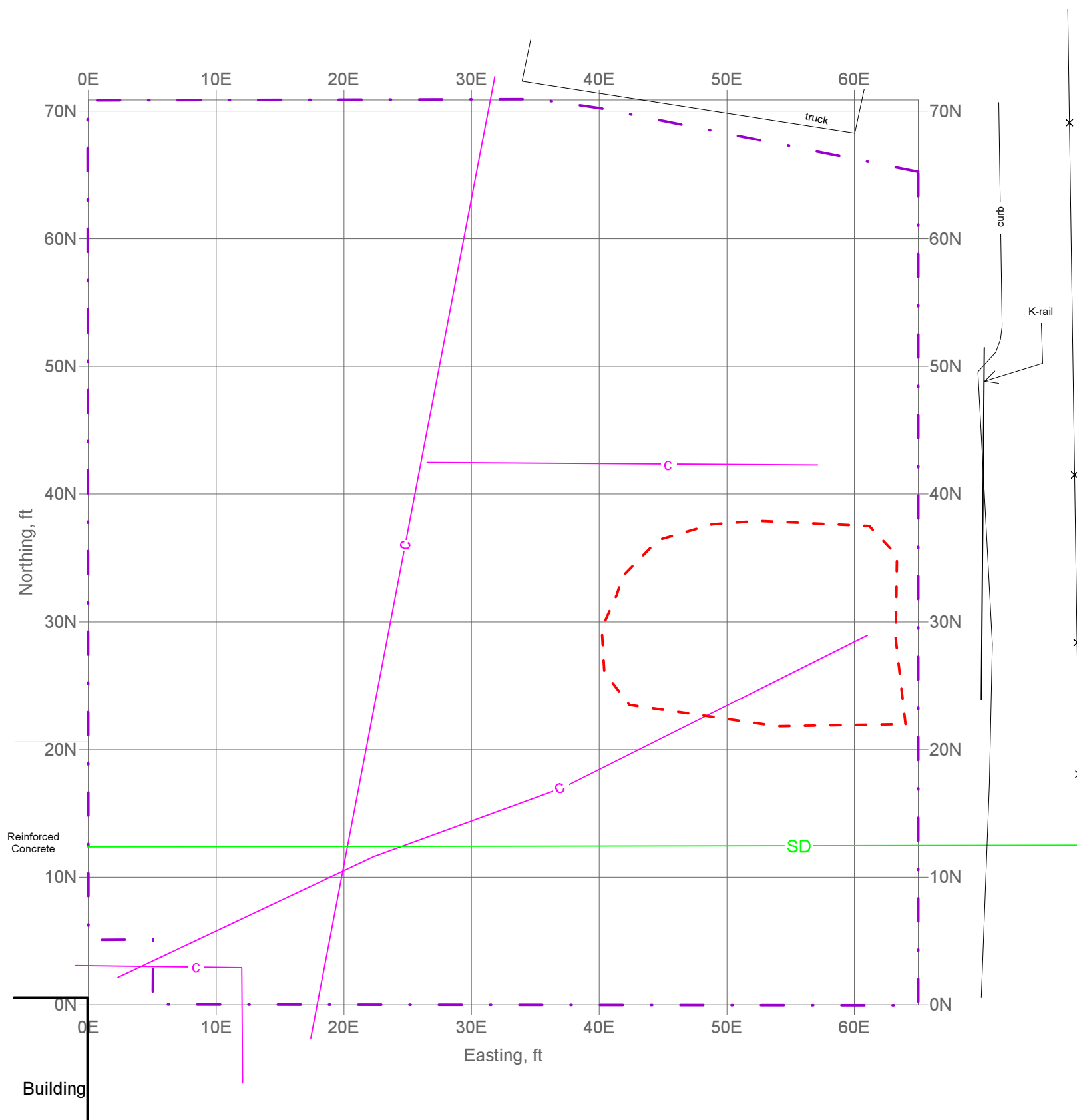
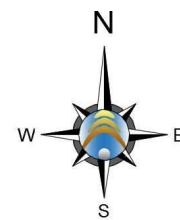
The detection of subsurface objects is dependent upon acquiring reliable data with geophysical instruments above ground. These data may be interpreted as representative of subsurface objects. The geophysical data, however, may be distorted by a number of factors including corrosion and proximity to other surface and subsurface structures. A discussion of the limitations of each method follows.

## 5.1 EM-61

The EM-61 is capable of detecting a 55-gallon drum up to a depth of 3 meters under favorable conditions. We recommended a minimum 10-foot buffer between the survey area and any metallic or metal bearing surface cultural features such as buildings, fences or other surface metal which could severely compromise the quality of the data. The EM-61 data collected within 7 feet of surface metal at this site influenced the EM-61 response adversely. As a result, Spectrum cannot guarantee that a small metallic feature is not present beneath or adjacent these features.

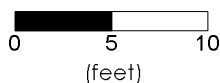
## 5.2 GPR

The performance capability of GPR is dependent on the electrical conductivity of the soil at the site. If the soil conductivity is high, attenuation of the radar signal in the soil can severely restrict the maximum penetration depth of the radar signal. Under favorable conditions depth of penetration can be greater than 10 feet; however, average depths of GPR penetration in Southern California tend to range between 2-5 feet. Soil moisture, especially in clay rich soils, only increases the radar signal attenuation, further limiting the radar performance. The penetration depth of the GPR signal was approximately 4 feet at this site. As a consequence, non-metallic features present at depths greater than 4 feet in the areas adjacent to significant metallic objects may not have been detected due to the shallow penetration of the GPR.



**LEGEND**

- Area of Geophysical Investigation
- GPR Anomaly
- Conduit
- Storm Drain
- Fence

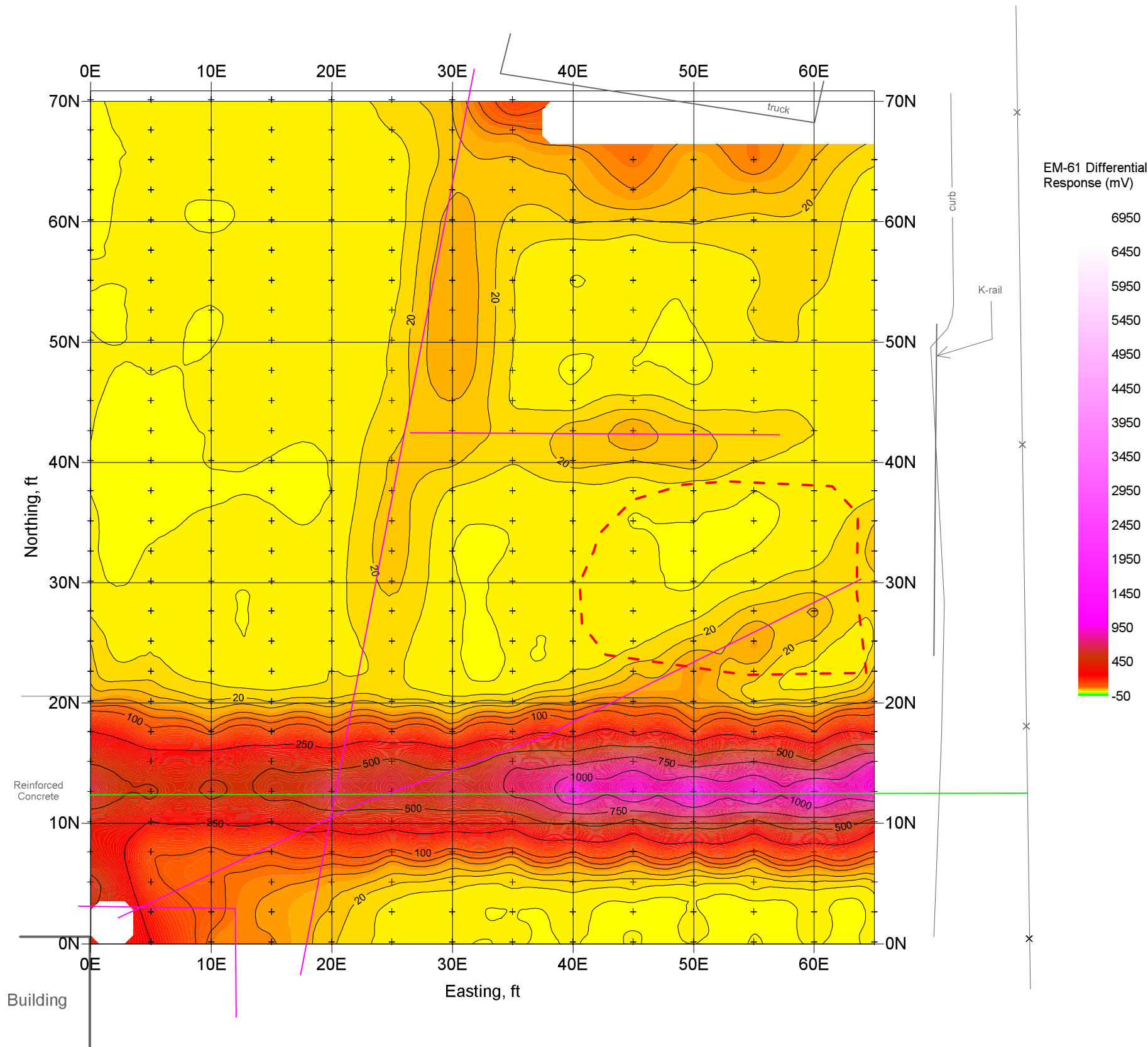
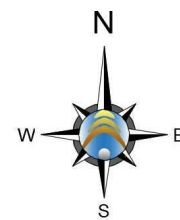


**spectrum geophysics**  
REVEALING THE SUBSURFACE

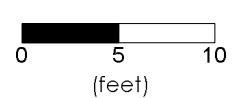
20434 CORISCO STREET  
CHATSWORTH, CA 91311  
(818) 886-4500  
www.spectrum-geophysics.com

|              |   |           |            |
|--------------|---|-----------|------------|
| MAP          | <b>Site Map with Geophysical Interpretation</b>                 |           | FIGURE NO. |
| PROJECT      | CPS Security<br>350 West Valley Boulevard<br>Rialto, California |           | <b>1</b>   |
| PREPARED FOR | Waterstone Environmental<br>Anaheim, California                 |           |            |
| SCALE        | 1 inch = 10 feet  | FIGURE BY | C. Carter  |
|              |   | DATE      | 07/17/20   |

|             |          |
|-------------|----------|
| PROJECT NO. | 3194     |
| DATE        | 07/17/20 |



- LEGEND**
- + EM-61 Survey Station
  - - - GPR Anomaly
  - Conduit
  - Storm Drain
  - x— Fence

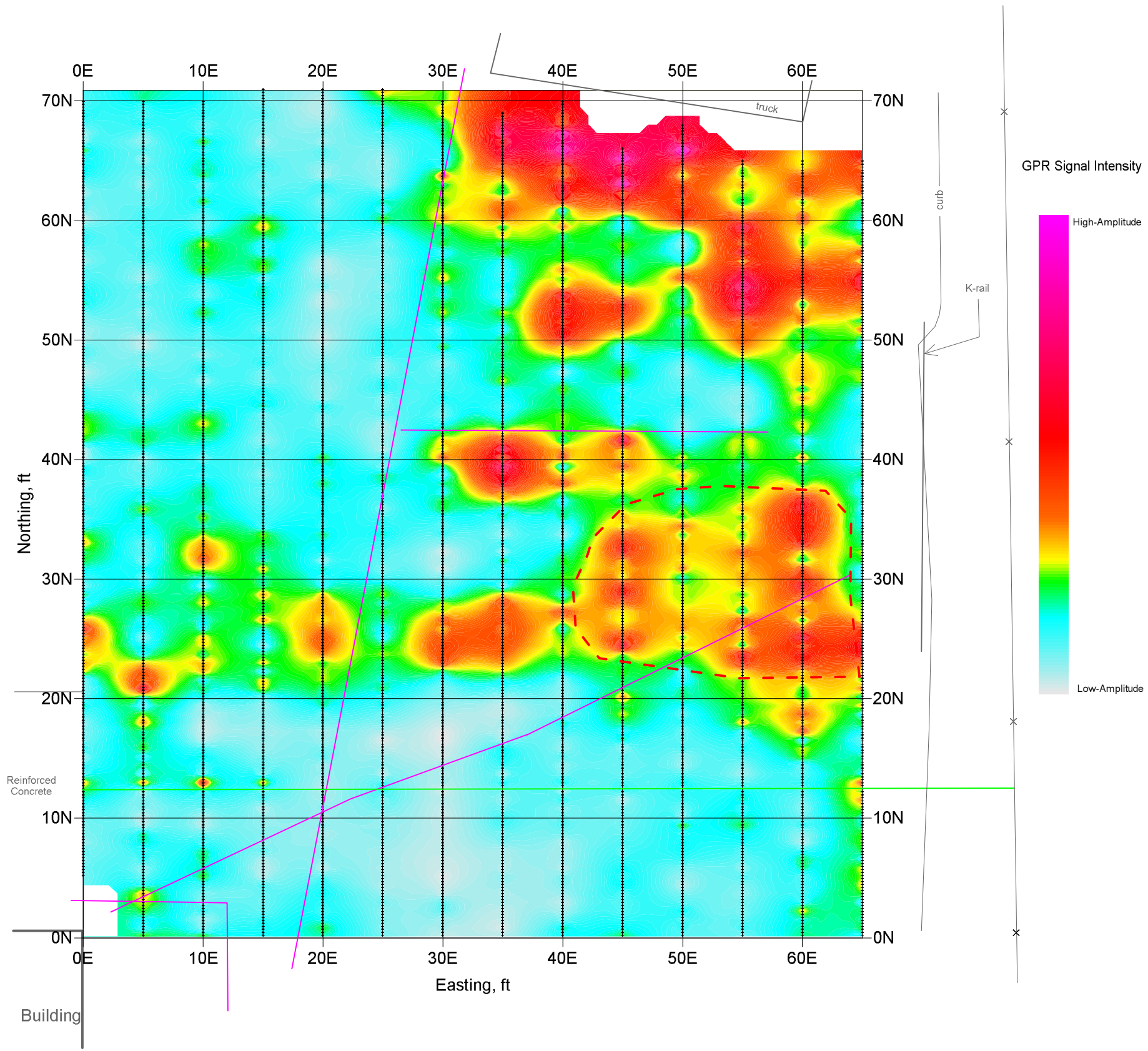
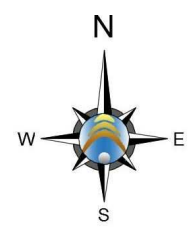


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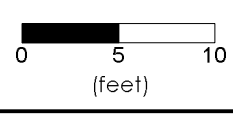
(818) 886-4500  
www.spectrum-geophysics.com

|  |                        |                        |
|--|------------------------|------------------------|
| MAP<br><b>Contour Map of EM-61 Differential Data</b>                       |                        | FIGURE NO.<br><b>2</b> |
| PROJECT<br>CPS Security<br>350 West Valley Boulevard<br>Rialto, California |                        | PROJECT NO.<br>3194    |
| PREPARED FOR<br>Waterstone Environmental<br>Anaheim, California            |                        |                        |
| SCALE<br>1 inch = 10 feet  | FIGURE BY<br>C. Carter | DATE<br>07/17/20       |



**LEGEND**

- GPR Survey Line
- GPR Anomaly
- Conduit
- Storm Drain
- Fence



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|              |   |           |            |
|--------------|---|-----------|------------|
| MAP          | <b>Contour Map of GPR Signal Intensity (9-19 ns)</b>            |           | FIGURE NO. |
| PROJECT      | CPS Security<br>350 West Valley Boulevard<br>Rialto, California |           | <b>3</b>   |
| PREPARED FOR | Waterstone Environmental<br>Anaheim, California                 |           |            |
| SCALE        | 1 inch = 10 feet  | FIGURE BY | C. Carter  |
|              |   | DATE      | 07/17/20   |

|             |          |
|-------------|----------|
| PROJECT NO. | 3194     |
| DATE        | 07/17/20 |



## **Attachment B**

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-18467-1

Client Project/Site: Transwestern - Rialto, CA - Phase II

For:

Avocet Environmental Inc  
1 Technology Drive  
Suite C515  
Irvine, California 92618

Attn: Darren Brandner

*Virendra R Patel*

---

Authorized for release by:  
1/29/2020 10:14:55 AM

Virendra Patel, Project Manager I  
(714)895-5494  
[virendrapatel@eurofinsus.com](mailto:virendrapatel@eurofinsus.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Definitions/Glossary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| 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)   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| PQL            | Practical Quantitation Limit  |
| 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)   |

# Case Narrative

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

---

**Job ID: 570-18467-1**

---

**Laboratory: Eurofins Calscience LLC**

---

**Narrative**

**Job Narrative  
570-18467-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 1/20/2020 3:06 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.0° C.

**Air Toxics**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

- 1
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# Detection Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Client Sample ID: SV-1-15

## Lab Sample ID: 570-18467-1

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Isopropanol       | 13     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene | 450    |           | 3.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene           | 15     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol           | 14     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-1-5

## Lab Sample ID: 570-18467-2

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Benzene           | 19     |           | 1.8 | ug/m3 | 1.13    |   | TO-15  | Total/NA  |
| Isopropanol       | 27     |           | 14  | ug/m3 | 1.13    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 550    |           | 3.8 | ug/m3 | 1.13    |   | TO-15  | Total/NA  |
| Toluene           | 45     |           | 2.1 | ug/m3 | 1.13    |   | TO-15  | Total/NA  |
| Ethanol           | 29     |           | 11  | ug/m3 | 1.13    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-2-5

## Lab Sample ID: 570-18467-3

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone                | 14     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol            | 13     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                | 13     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 13     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 1100   |           | 21  | ug/m3 | 6.23    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-2-15

## Lab Sample ID: 570-18467-4

| Analyte                 | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| 2-Butanone              | 10     |           | 4.6 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Acetone                 | 21     |           | 4.9 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane | 2.5    |           | 2.5 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Isopropanol             | 38     |           | 13  | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Tetrachloroethene       | 530    |           | 3.5 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Toluene                 | 18     |           | 1.9 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Trichloroethene         | 3.5    |           | 2.8 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |
| Ethanol                 | 18     |           | 9.7 | ug/m3 | 1.03    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-3-5

## Lab Sample ID: 570-18467-5

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone                | 28     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Benzene                | 2.0    |           | 1.6 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene           | 4.1    |           | 2.2 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol            | 27     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                | 19     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 16     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 3000   |           | 34  | ug/m3 | 10.12   |   | TO-15  | Total/NA  |

## Client Sample ID: SV-3-11

## Lab Sample ID: 570-18467-6

| Analyte                 | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone                 | 16     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane | 2.5    |           | 2.5 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene            | 2.3    |           | 2.2 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol             | 14     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Client Sample ID: SV-3-11 (Continued)

## Lab Sample ID: 570-18467-6

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Toluene                | 14     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichloroethene        | 2.7    |           | 2.7 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 15     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 1500   |           | 12  | ug/m3 | 3.625   |   | TO-15  | Total/NA  |

## Client Sample ID: SV-4-5

## Lab Sample ID: 570-18467-7

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone                | 15     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol            | 12     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                | 14     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 14     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 980    |           | 10  | ug/m3 | 3.03    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-4-15

## Lab Sample ID: 570-18467-8

| Analyte                 | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| 2-Butanone              | 11     |           | 4.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                 | 22     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane | 2.5    |           | 2.5 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol             | 15     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene       | 570    |           | 3.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                 | 11     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                 | 16     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-5-5

## Lab Sample ID: 570-18467-9

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone                | 20     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol            | 16     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                | 12     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 18     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 690    |           | 8.4 | ug/m3 | 2.47    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-5-15

## Lab Sample ID: 570-18467-10

| Analyte                | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| 2-Butanone             | 6.8    |           | 4.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                | 20     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol            | 13     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                | 13     |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                | 14     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL | 760    |           | 8.4 | ug/m3 | 2.49    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-6-5

## Lab Sample ID: 570-18467-11

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 29     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Benzene           | 2.9    |           | 1.6 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide  | 32     |           | 6.2 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol       | 140    |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene | 150    |           | 3.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Client Sample ID: SV-6-15

## Lab Sample ID: 570-18467-12

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 16     |           | 9.5 | ug/m3 | 2       |   | TO-15  | Total/NA  |
| Tetrachloroethene | 740    |           | 6.8 | ug/m3 | 2       |   | TO-15  | Total/NA  |
| Toluene           | 5.3    |           | 3.8 | ug/m3 | 2       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-7-5

## Lab Sample ID: 570-18467-13

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Tetrachloroethene | 3300   |           | 39 | ug/m3 | 11.36   |   | TO-15  | Total/NA  |

## Client Sample ID: SV-7-15

## Lab Sample ID: 570-18467-14

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 14     |           | 13  | ug/m3 | 2.72    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 1000   |           | 9.2 | ug/m3 | 2.72    |   | TO-15  | Total/NA  |
| Toluene           | 5.9    |           | 5.1 | ug/m3 | 2.72    |   | TO-15  | Total/NA  |

## Client Sample ID: AA\_20200120

## Lab Sample ID: 570-18467-15

| Analyte | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|----|-------|---------|---|--------|-----------|
| Acetone | 19     |           | 14 | ug/m3 | 2.88    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-8-5

## Lab Sample ID: 570-18467-16

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Acetone           | 39     |           | 29 | ug/m3 | 6.2     |   | TO-15  | Total/NA  |
| Tetrachloroethene | 2000   |           | 21 | ug/m3 | 6.2     |   | TO-15  | Total/NA  |

## Client Sample ID: SV-8-15

## Lab Sample ID: 570-18467-17

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Tetrachloroethene | 2600   |           | 21 | ug/m3 | 6.12    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-9-5

## Lab Sample ID: 570-18467-18

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 20     |           | 14  | ug/m3 | 2.88    |   | TO-15  | Total/NA  |
| Isopropanol       | 48     |           | 35  | ug/m3 | 2.88    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 470    |           | 9.8 | ug/m3 | 2.88    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-9-15

## Lab Sample ID: 570-18467-19

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 16     |           | 13  | ug/m3 | 2.84    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 420    |           | 9.6 | ug/m3 | 2.84    |   | TO-15  | Total/NA  |
| Trichloroethene   | 15     |           | 7.6 | ug/m3 | 2.84    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-10-5

## Lab Sample ID: 570-18467-20

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Tetrachloroethene | 1500   |           | 15 | ug/m3 | 4.38    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-10-15

## Lab Sample ID: 570-18467-21

| Analyte | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|----|-------|---------|---|--------|-----------|
| Acetone | 22     |           | 16 | ug/m3 | 3.36    |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC



# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Client Sample ID: SV-10-15 (Continued)

Lab Sample ID: 570-18467-21

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Tetrachloroethene | 350    |           | 11 | ug/m3 | 3.36    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-11-5

Lab Sample ID: 570-18467-22

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Acetone           | 22     |           | 19 | ug/m3 | 4       |   | TO-15  | Total/NA  |
| Tetrachloroethene | 1400   |           | 14 | ug/m3 | 4       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-11-15

Lab Sample ID: 570-18467-23

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 26     |           | 12  | ug/m3 | 2.61    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 210    |           | 8.9 | ug/m3 | 2.61    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-12-5

Lab Sample ID: 570-18467-24

| Analyte           | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|----|-------|---------|---|--------|-----------|
| Acetone           | 22     |           | 15 | ug/m3 | 3.06    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 1100   |           | 10 | ug/m3 | 3.06    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-12-15

Lab Sample ID: 570-18467-25

| Analyte                  | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| 2-Butanone               | 6.6    |           | 4.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                  | 35     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| cis-1,2-Dichloroethene   | 2.7    |           | 2.0 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol              | 23     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| trans-1,2-Dichloroethene | 4.1    |           | 2.0 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene        | 610    |           | 3.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene                  | 5.4    |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichloroethene          | 170    |           | 2.7 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol                  | 27     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-13-5

Lab Sample ID: 570-18467-26

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 24     |           | 4.8 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropanol       | 14     |           | 12  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene | 540    |           | 3.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Toluene           | 4.3    |           | 1.9 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichloroethene   | 3.7    |           | 2.7 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Ethanol           | 18     |           | 9.4 | ug/m3 | 1       |   | TO-15  | Total/NA  |

## Client Sample ID: SV-13-15

Lab Sample ID: 570-18467-27

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 23     |           | 9.7 | ug/m3 | 2.05    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 400    |           | 7.0 | ug/m3 | 2.05    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-14-5

Lab Sample ID: 570-18467-28

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 28     |           | 12  | ug/m3 | 2.46    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 220    |           | 8.3 | ug/m3 | 2.46    |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Client Sample ID: SV-14-5 (Continued)

## Lab Sample ID: 570-18467-28

| Analyte | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Toluene | 7.5    |           | 4.6 | ug/m3 | 2.46    |   | TO-15  | Total/NA  |

## Client Sample ID: SV-14-15

## Lab Sample ID: 570-18467-29

| Analyte           | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Acetone           | 19     |           | 11  | ug/m3 | 2.37    |   | TO-15  | Total/NA  |
| Tetrachloroethene | 1100   |           | 8.0 | ug/m3 | 2.37    |   | TO-15  | Total/NA  |
| Trichloroethene   | 45     |           | 6.4 | ug/m3 | 2.37    |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Client Sample ID: SV-1-15**  
**Date Collected: 01/20/20 07:33**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-1**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 2.7 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 6.9 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 11  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1,2-Trichloroethane                 | ND        |           | 2.7 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1-Dichloroethane                    | ND        |           | 2.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1-Dichloroethene                    | ND        |           | 2.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,1-Difluoroethane                    | ND        |           | 5.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2,4-Trichlorobenzene                | ND        |           | 15  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2,4-Trimethylbenzene                | ND        |           | 7.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 14  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2-Dibromoethane                     | ND        |           | 3.8 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2-Dichloroethane                    | ND        |           | 2.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,2-Dichloropropane                   | ND        |           | 2.3 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,3,5-Trimethylbenzene                | ND        |           | 2.5 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,3-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 1,4-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 2-Butanone                            | ND        |           | 4.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 2-Hexanone                            | ND        |           | 6.1 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 4-Ethyltoluene                        | ND        |           | 2.5 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| 4-Methyl-2-pentanone                  | ND        |           | 6.1 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Acetone                               | ND        |           | 4.8 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Benzene                               | ND        |           | 1.6 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Benzyl chloride                       | ND        |           | 7.8 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Bromodichloromethane                  | ND        |           | 3.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Bromoform                             | ND        |           | 5.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Bromomethane                          | ND        |           | 1.9 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| cis-1,2-Dichloroethene                | ND        |           | 2.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| cis-1,3-Dichloropropene               | ND        |           | 2.3 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Carbon disulfide                      | ND        |           | 6.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Carbon tetrachloride                  | ND        |           | 3.1 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Chlorobenzene                         | ND        |           | 2.3 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Chloroethane                          | ND        |           | 1.3 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Chloroform                            | ND        |           | 2.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Chloromethane                         | ND        |           | 1.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Dibromochloromethane                  | ND        |           | 4.3 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Dichlorodifluoromethane               | ND        |           | 2.5 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Dichlorotetrafluoroethane             | ND        |           | 14  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Ethylbenzene                          | ND        |           | 2.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Hexachloro-1,3-butadiene              | ND        |           | 16  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| <b>Isopropanol</b>                    | <b>13</b> |           | 12  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Methylene Chloride                    | ND        |           | 17  | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Methyl-t-Butyl Ether (MTBE)           | ND        |           | 7.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| n-Butylbenzene                        | ND        |           | 8.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| o-Xylene                              | ND        |           | 2.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| m,p-Xylene                            | ND        |           | 8.7 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| sec-Butylbenzene                      | ND        |           | 8.2 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| Styrene                               | ND        |           | 6.4 | ug/m3 |   |          | 01/23/20 23:39 | 1       |
| trans-1,2-Dichloroethene              | ND        |           | 2.0 | ug/m3 |   |          | 01/23/20 23:39 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-1-15**  
**Date Collected: 01/20/20 07:33**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-1**  
**Matrix: Air**

| Analyte                             | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| trans-1,3-Dichloropropene           | ND               |                  | 4.5           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| tert-Butylbenzene                   | ND               |                  | 8.2           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| <b>Tetrachloroethene</b>            | <b>450</b>       |                  | 3.4           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| <b>Toluene</b>                      | <b>15</b>        |                  | 1.9           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Trichloroethene                     | ND               |                  | 2.7           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Trichlorofluoromethane              | ND               |                  | 5.6           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Vinyl acetate                       | ND               |                  | 7.0           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Vinyl chloride                      | ND               |                  | 1.3           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| tert-Butyl alcohol (TBA)            | ND               |                  | 6.1           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Ethyl-t-butyl ether (ETBE)          | ND               |                  | 8.4           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Di-isopropyl ether (DIPE)           | ND               |                  | 8.4           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| <b>Ethanol</b>                      | <b>14</b>        |                  | 9.4           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| Tert-amyl methyl ether              | ND               |                  | 8.4           | ug/m3 |   |                 | 01/23/20 23:39  | 1              |
| <b>Surrogate</b>                    | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 106              |                  | 67 - 133      |       |   |                 | 01/23/20 23:39  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i>  | 111              |                  | 68 - 134      |       |   |                 | 01/23/20 23:39  | 1              |
| <i>Toluene-d8 (Surr)</i>            | 101              |                  | 70 - 130      |       |   |                 | 01/23/20 23:39  | 1              |

**Client Sample ID: SV-1-5**  
**Date Collected: 01/20/20 07:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-2**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 7.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 13  | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1,2-Trichloroethane                 | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1-Dichloroethane                    | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1-Dichloroethene                    | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,1-Difluoroethane                    | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2,4-Trichlorobenzene                | ND        |           | 17  | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2,4-Trimethylbenzene                | ND        |           | 8.3 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 16  | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2-Dibromoethane                     | ND        |           | 4.3 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2-Dichlorobenzene                   | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2-Dichloroethane                    | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,2-Dichloropropane                   | ND        |           | 2.6 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,3,5-Trimethylbenzene                | ND        |           | 2.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,3-Dichlorobenzene                   | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 1,4-Dichlorobenzene                   | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 2-Butanone                            | ND        |           | 5.0 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 2-Hexanone                            | ND        |           | 6.9 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 4-Ethyltoluene                        | ND        |           | 2.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| 4-Methyl-2-pentanone                  | ND        |           | 6.9 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Acetone                               | ND        |           | 5.4 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| <b>Benzene</b>                        | <b>19</b> |           | 1.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Benzyl chloride                       | ND        |           | 8.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Bromodichloromethane                  | ND        |           | 3.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Bromoform                             | ND        |           | 5.8 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Bromomethane                          | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-1-5**  
**Date Collected: 01/20/20 07:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-2**  
**Matrix: Air**

| Analyte                      | Result     | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|------------|-----------|----------|-------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene       | ND         |           | 2.2      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| cis-1,3-Dichloropropene      | ND         |           | 2.6      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Carbon disulfide             | ND         |           | 7.0      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Carbon tetrachloride         | ND         |           | 3.6      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Chlorobenzene                | ND         |           | 2.6      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Chloroethane                 | ND         |           | 1.5      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Chloroform                   | ND         |           | 2.8      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Chloromethane                | ND         |           | 1.2      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Dibromochloromethane         | ND         |           | 4.8      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Dichlorodifluoromethane      | ND         |           | 2.8      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Dichlorotetrafluoroethane    | ND         |           | 16       | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Ethylbenzene                 | ND         |           | 2.5      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Hexachloro-1,3-butadiene     | ND         |           | 18       | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| <b>Isopropanol</b>           | <b>27</b>  |           | 14       | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Methylene Chloride           | ND         |           | 20       | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Methyl-t-Butyl Ether (MTBE)  | ND         |           | 8.1      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| n-Butylbenzene               | ND         |           | 9.3      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| o-Xylene                     | ND         |           | 2.5      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| m,p-Xylene                   | ND         |           | 9.8      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| sec-Butylbenzene             | ND         |           | 9.3      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Styrene                      | ND         |           | 7.2      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| trans-1,2-Dichloroethene     | ND         |           | 2.2      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| trans-1,3-Dichloropropene    | ND         |           | 5.1      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| tert-Butylbenzene            | ND         |           | 9.3      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| <b>Tetrachloroethene</b>     | <b>550</b> |           | 3.8      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| <b>Toluene</b>               | <b>45</b>  |           | 2.1      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Trichloroethene              | ND         |           | 3.0      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Trichlorofluoromethane       | ND         |           | 6.3      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Vinyl acetate                | ND         |           | 8.0      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Vinyl chloride               | ND         |           | 1.4      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| tert-Butyl alcohol (TBA)     | ND         |           | 6.9      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Ethyl-t-butyl ether (ETBE)   | ND         |           | 9.4      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Di-isopropyl ether (DIPE)    | ND         |           | 9.4      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| <b>Ethanol</b>               | <b>29</b>  |           | 11       | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Tert-amyl methyl ether       | ND         |           | 9.4      | ug/m3 |   |          | 01/24/20 00:34 | 1.13    |
| Surrogate                    | %Recovery  | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109        |           | 67 - 133 |       |   |          | 01/24/20 00:34 | 1.13    |
| 4-Bromofluorobenzene (Surr)  | 110        |           | 68 - 134 |       |   |          | 01/24/20 00:34 | 1.13    |
| Toluene-d8 (Surr)            | 105        |           | 70 - 130 |       |   |          | 01/24/20 00:34 | 1.13    |

**Client Sample ID: SV-2-5**  
**Date Collected: 01/20/20 08:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-3**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 6.9 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 11  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-2-5**  
**Date Collected: 01/20/20 08:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-3**  
**Matrix: Air**

| Analyte                     | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1-Dichloroethene          | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,1-Difluoroethane          | ND        |           | 5.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2,4-Trichlorobenzene      | ND        |           | 15  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2,4-Trimethylbenzene      | ND        |           | 7.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND        |           | 14  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2-Dibromoethane           | ND        |           | 3.8 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2-Dichlorobenzene         | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2-Dichloroethane          | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,2-Dichloropropane         | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,3,5-Trimethylbenzene      | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,3-Dichlorobenzene         | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 1,4-Dichlorobenzene         | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 2-Butanone                  | ND        |           | 4.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 2-Hexanone                  | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 4-Ethyltoluene              | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| 4-Methyl-2-pentanone        | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| <b>Acetone</b>              | <b>14</b> |           | 4.8 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Benzene                     | ND        |           | 1.6 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Benzyl chloride             | ND        |           | 7.8 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Bromodichloromethane        | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Bromoform                   | ND        |           | 5.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Bromomethane                | ND        |           | 1.9 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| cis-1,2-Dichloroethene      | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| cis-1,3-Dichloropropene     | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Carbon disulfide            | ND        |           | 6.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Carbon tetrachloride        | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Chlorobenzene               | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Chloroethane                | ND        |           | 1.3 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Chloroform                  | ND        |           | 2.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Chloromethane               | ND        |           | 1.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Dibromochloromethane        | ND        |           | 4.3 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Dichlorodifluoromethane     | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Dichlorotetrafluoroethane   | ND        |           | 14  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Ethylbenzene                | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Hexachloro-1,3-butadiene    | ND        |           | 16  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| <b>Isopropanol</b>          | <b>13</b> |           | 12  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Methylene Chloride          | ND        |           | 17  | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |           | 7.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| n-Butylbenzene              | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| o-Xylene                    | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| m,p-Xylene                  | ND        |           | 8.7 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| sec-Butylbenzene            | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Styrene                     | ND        |           | 6.4 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| trans-1,2-Dichloroethene    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| trans-1,3-Dichloropropene   | ND        |           | 4.5 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| tert-Butylbenzene           | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| <b>Toluene</b>              | <b>13</b> |           | 1.9 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Trichloroethene             | ND        |           | 2.7 | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Trichlorofluoromethane      | ND        |           | 5.6 | ug/m3 |   |          | 01/24/20 01:26 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-2-5**  
**Date Collected: 01/20/20 08:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-3**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Vinyl acetate                | ND        |           | 7.0      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Vinyl chloride               | ND        |           | 1.3      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| tert-Butyl alcohol (TBA)     | ND        |           | 6.1      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Ethyl-t-butyl ether (ETBE)   | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Di-isopropyl ether (DIPE)    | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| <b>Ethanol</b>               | <b>13</b> |           | 9.4      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Tert-amyl methyl ether       | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 01:26 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 106       |           | 67 - 133 |       |   |          | 01/24/20 01:26 | 1       |
| 4-Bromofluorobenzene (Surr)  | 109       |           | 68 - 134 |       |   |          | 01/24/20 01:26 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |       |   |          | 01/24/20 01:26 | 1       |

**Client Sample ID: SV-2-15**  
**Date Collected: 01/20/20 08:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-4**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 2.8 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1,1,2-Tetrachloroethane             | ND        |           | 7.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 12  | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1,2-Trichloroethane                 | ND        |           | 2.8 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1-Dichloroethane                    | ND        |           | 2.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1-Dichloroethene                    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,1-Difluoroethane                    | ND        |           | 5.6 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2,4-Trichlorobenzene                | ND        |           | 15  | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2,4-Trimethylbenzene                | ND        |           | 7.6 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 15  | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2-Dibromoethane                     | ND        |           | 4.0 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2-Dichlorobenzene                   | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2-Dichloroethane                    | ND        |           | 2.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,2-Dichloropropane                   | ND        |           | 2.4 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,3,5-Trimethylbenzene                | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,3-Dichlorobenzene                   | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 1,4-Dichlorobenzene                   | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>2-Butanone</b>                     | <b>10</b> |           | 4.6 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 2-Hexanone                            | ND        |           | 6.3 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 4-Ethyltoluene                        | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| 4-Methyl-2-pentanone                  | ND        |           | 6.3 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Acetone</b>                        | <b>21</b> |           | 4.9 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Benzene                               | ND        |           | 1.6 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Benzyl chloride                       | ND        |           | 8.0 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Bromodichloromethane                  | ND        |           | 3.5 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Bromoform                             | ND        |           | 5.3 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Bromomethane                          | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| cis-1,2-Dichloroethene                | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| cis-1,3-Dichloropropene               | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Carbon disulfide                      | ND        |           | 6.4 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Carbon tetrachloride                  | ND        |           | 3.2 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Chlorobenzene                         | ND        |           | 2.4 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Chloroethane                          | ND        |           | 1.4 | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-2-15**  
**Date Collected: 01/20/20 08:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-4**  
**Matrix: Air**

| Analyte                             | Result     | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|------------|-----------|----------|-------|---|----------|----------------|---------|
| Chloroform                          | ND         |           | 2.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Chloromethane                       | ND         |           | 1.1      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Dibromochloromethane                | ND         |           | 4.4      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Dichlorodifluoromethane</b>      | <b>2.5</b> |           | 2.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Dichlorotetrafluoroethane           | ND         |           | 14       | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Ethylbenzene                        | ND         |           | 2.2      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Hexachloro-1,3-butadiene            | ND         |           | 16       | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Isopropanol</b>                  | <b>38</b>  |           | 13       | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Methylene Chloride                  | ND         |           | 18       | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Methyl-t-Butyl Ether (MTBE)         | ND         |           | 7.4      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| n-Butylbenzene                      | ND         |           | 8.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| o-Xylene                            | ND         |           | 2.2      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| m,p-Xylene                          | ND         |           | 8.9      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| sec-Butylbenzene                    | ND         |           | 8.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Styrene                             | ND         |           | 6.6      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| trans-1,2-Dichloroethene            | ND         |           | 2.0      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| trans-1,3-Dichloropropene           | ND         |           | 4.7      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| tert-Butylbenzene                   | ND         |           | 8.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Tetrachloroethene</b>            | <b>530</b> |           | 3.5      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Toluene</b>                      | <b>18</b>  |           | 1.9      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Trichloroethene</b>              | <b>3.5</b> |           | 2.8      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Trichlorofluoromethane              | ND         |           | 5.8      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Vinyl acetate                       | ND         |           | 7.3      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Vinyl chloride                      | ND         |           | 1.3      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| tert-Butyl alcohol (TBA)            | ND         |           | 6.2      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Ethyl-t-butyl ether (ETBE)          | ND         |           | 8.6      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Di-isopropyl ether (DIPE)           | ND         |           | 8.6      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| <b>Ethanol</b>                      | <b>18</b>  |           | 9.7      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Tert-amyl methyl ether              | ND         |           | 8.6      | ug/m3 |   |          | 01/24/20 02:20 | 1.03    |
| Surrogate                           | %Recovery  | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 105        |           | 67 - 133 |       |   |          | 01/24/20 02:20 | 1.03    |
| <i>4-Bromofluorobenzene (Surr)</i>  | 110        |           | 68 - 134 |       |   |          | 01/24/20 02:20 | 1.03    |
| <i>Toluene-d8 (Surr)</i>            | 99         |           | 70 - 130 |       |   |          | 01/24/20 02:20 | 1.03    |

**Client Sample ID: SV-3-5**  
**Date Collected: 01/20/20 08:38**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-5**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 6.9 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 11  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,1-Difluoroethane                    | ND     |           | 5.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 15  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 7.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 14  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 3.8 | ug/m3 |   |          | 01/24/20 03:12 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-3-5**  
**Date Collected: 01/20/20 08:38**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-5**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,2-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2-Dichloroethane          | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,2-Dichloropropane         | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,3,5-Trimethylbenzene      | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,3-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 1,4-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 2-Butanone                  | ND         |           | 4.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 2-Hexanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 4-Ethyltoluene              | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| 4-Methyl-2-pentanone        | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Acetone</b>              | <b>28</b>  |           | 4.8 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Benzene</b>              | <b>2.0</b> |           | 1.6 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Benzyl chloride             | ND         |           | 7.8 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Bromodichloromethane        | ND         |           | 3.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Bromoform                   | ND         |           | 5.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Bromomethane                | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| cis-1,2-Dichloroethene      | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| cis-1,3-Dichloropropene     | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Carbon disulfide            | ND         |           | 6.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Carbon tetrachloride        | ND         |           | 3.1 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Chlorobenzene               | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Chloroethane                | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Chloroform                  | ND         |           | 2.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Chloromethane               | ND         |           | 1.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Dibromochloromethane        | ND         |           | 4.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Dichlorodifluoromethane     | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Dichlorotetrafluoroethane   | ND         |           | 14  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Ethylbenzene</b>         | <b>4.1</b> |           | 2.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Hexachloro-1,3-butadiene    | ND         |           | 16  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Isopropanol</b>          | <b>27</b>  |           | 12  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Methylene Chloride          | ND         |           | 17  | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 7.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| n-Butylbenzene              | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| o-Xylene                    | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| m,p-Xylene                  | ND         |           | 8.7 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| sec-Butylbenzene            | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Styrene                     | ND         |           | 6.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| trans-1,2-Dichloroethene    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| trans-1,3-Dichloropropene   | ND         |           | 4.5 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| tert-Butylbenzene           | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Toluene</b>              | <b>19</b>  |           | 1.9 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Trichloroethene             | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Trichlorofluoromethane      | ND         |           | 5.6 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Vinyl acetate               | ND         |           | 7.0 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Vinyl chloride              | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| tert-Butyl alcohol (TBA)    | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 8.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| Di-isopropyl ether (DIPE)   | ND         |           | 8.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |
| <b>Ethanol</b>              | <b>16</b>  |           | 9.4 | ug/m3 |   |          | 01/24/20 03:12 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-3-5**  
**Date Collected: 01/20/20 08:38**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-5**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Tert-amyl methyl ether       | ND               |                  | 8.4           | ug/m3 |   |                 | 01/24/20 03:12  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 67 - 133      |       |   |                 | 01/24/20 03:12  | 1              |
| 4-Bromofluorobenzene (Surr)  | 109              |                  | 68 - 134      |       |   |                 | 01/24/20 03:12  | 1              |
| Toluene-d8 (Surr)            | 100              |                  | 70 - 130      |       |   |                 | 01/24/20 03:12  | 1              |

**Client Sample ID: SV-3-11**  
**Date Collected: 01/20/20 08:39**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-6**  
**Matrix: Air**

| Analyte                               | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 6.9 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 11  | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,1-Difluoroethane                    | ND         |           | 5.4 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 15  | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2,4-Trimethylbenzene                | ND         |           | 7.4 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 14  | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 3.8 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,3,5-Trimethylbenzene                | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 2-Butanone                            | ND         |           | 4.4 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 2-Hexanone                            | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 4-Ethyltoluene                        | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| 4-Methyl-2-pentanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| <b>Acetone</b>                        | <b>16</b>  |           | 4.8 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Benzene                               | ND         |           | 1.6 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Benzyl chloride                       | ND         |           | 7.8 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Bromodichloromethane                  | ND         |           | 3.4 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Bromoform                             | ND         |           | 5.2 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Bromomethane                          | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| cis-1,2-Dichloroethene                | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Carbon disulfide                      | ND         |           | 6.2 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Carbon tetrachloride                  | ND         |           | 3.1 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Chlorobenzene                         | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Chloroethane                          | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Chloroform                            | ND         |           | 2.4 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Chloromethane                         | ND         |           | 1.0 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Dibromochloromethane                  | ND         |           | 4.3 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| <b>Dichlorodifluoromethane</b>        | <b>2.5</b> |           | 2.5 | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| Dichlorotetrafluoroethane             | ND         |           | 14  | ug/m3 |   |          | 01/24/20 04:05 | 1       |
| <b>Ethylbenzene</b>                   | <b>2.3</b> |           | 2.2 | ug/m3 |   |          | 01/24/20 04:05 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-3-11**  
**Date Collected: 01/20/20 08:39**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-6**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Hexachloro-1,3-butadiene     | ND               |                  | 16            | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| <b>Isopropanol</b>           | <b>14</b>        |                  | 12            | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Methylene Chloride           | ND               |                  | 17            | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Methyl-t-Butyl Ether (MTBE)  | ND               |                  | 7.2           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| n-Butylbenzene               | ND               |                  | 8.2           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| o-Xylene                     | ND               |                  | 2.2           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| m,p-Xylene                   | ND               |                  | 8.7           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| sec-Butylbenzene             | ND               |                  | 8.2           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Styrene                      | ND               |                  | 6.4           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| trans-1,2-Dichloroethene     | ND               |                  | 2.0           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| trans-1,3-Dichloropropene    | ND               |                  | 4.5           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| tert-Butylbenzene            | ND               |                  | 8.2           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| <b>Toluene</b>               | <b>14</b>        |                  | 1.9           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| <b>Trichloroethene</b>       | <b>2.7</b>       |                  | 2.7           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Trichlorofluoromethane       | ND               |                  | 5.6           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Vinyl acetate                | ND               |                  | 7.0           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Vinyl chloride               | ND               |                  | 1.3           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| tert-Butyl alcohol (TBA)     | ND               |                  | 6.1           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Ethyl-t-butyl ether (ETBE)   | ND               |                  | 8.4           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Di-isopropyl ether (DIPE)    | ND               |                  | 8.4           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| <b>Ethanol</b>               | <b>15</b>        |                  | 9.4           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| Tert-amyl methyl ether       | ND               |                  | 8.4           | ug/m3 |   |                 | 01/24/20 04:05  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 105              |                  | 67 - 133      |       |   |                 | 01/24/20 04:05  | 1              |
| 4-Bromofluorobenzene (Surr)  | 110              |                  | 68 - 134      |       |   |                 | 01/24/20 04:05  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |       |   |                 | 01/24/20 04:05  | 1              |

**Client Sample ID: SV-4-5**  
**Date Collected: 01/20/20 08:56**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-7**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 6.9 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 11  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,1-Difluoroethane                    | ND     |           | 5.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 15  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 7.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 14  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 3.8 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 3.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 2.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 2.5 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 3.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 3.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 2-Butanone                            | ND     |           | 4.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-4-5**  
**Date Collected: 01/20/20 08:56**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-7**  
**Matrix: Air**

| Analyte                     | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 2-Hexanone                  | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 4-Ethyltoluene              | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| 4-Methyl-2-pentanone        | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| <b>Acetone</b>              | <b>15</b> |           | 4.8 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Benzene                     | ND        |           | 1.6 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Benzyl chloride             | ND        |           | 7.8 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Bromodichloromethane        | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Bromoform                   | ND        |           | 5.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Bromomethane                | ND        |           | 1.9 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| cis-1,2-Dichloroethene      | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| cis-1,3-Dichloropropene     | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Carbon disulfide            | ND        |           | 6.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Carbon tetrachloride        | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Chlorobenzene               | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Chloroethane                | ND        |           | 1.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Chloroform                  | ND        |           | 2.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Chloromethane               | ND        |           | 1.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Dibromochloromethane        | ND        |           | 4.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Dichlorodifluoromethane     | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Dichlorotetrafluoroethane   | ND        |           | 14  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Ethylbenzene                | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Hexachloro-1,3-butadiene    | ND        |           | 16  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| <b>Isopropanol</b>          | <b>12</b> |           | 12  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Methylene Chloride          | ND        |           | 17  | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |           | 7.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| n-Butylbenzene              | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| o-Xylene                    | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| m,p-Xylene                  | ND        |           | 8.7 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| sec-Butylbenzene            | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Styrene                     | ND        |           | 6.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| trans-1,2-Dichloroethene    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| trans-1,3-Dichloropropene   | ND        |           | 4.5 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| tert-Butylbenzene           | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| <b>Toluene</b>              | <b>14</b> |           | 1.9 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Trichloroethene             | ND        |           | 2.7 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Trichlorofluoromethane      | ND        |           | 5.6 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Vinyl acetate               | ND        |           | 7.0 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Vinyl chloride              | ND        |           | 1.3 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| tert-Butyl alcohol (TBA)    | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Di-isopropyl ether (DIPE)   | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| <b>Ethanol</b>              | <b>14</b> |           | 9.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |
| Tert-amyl methyl ether      | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 04:58 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 67 - 133 |          | 01/24/20 04:58 | 1       |
| 4-Bromofluorobenzene (Surr)  | 112       |           | 68 - 134 |          | 01/24/20 04:58 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 01/24/20 04:58 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Client Sample ID: SV-4-15**  
**Date Collected: 01/20/20 08:57**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-8**  
**Matrix: Air**

| Analyte                               | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 6.9 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 11  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,1-Difluoroethane                    | ND         |           | 5.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 15  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2,4-Trimethylbenzene                | ND         |           | 7.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 14  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 3.8 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,3,5-Trimethylbenzene                | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>2-Butanone</b>                     | <b>11</b>  |           | 4.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 2-Hexanone                            | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 4-Ethyltoluene                        | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| 4-Methyl-2-pentanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Acetone</b>                        | <b>22</b>  |           | 4.8 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Benzene                               | ND         |           | 1.6 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Benzyl chloride                       | ND         |           | 7.8 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Bromodichloromethane                  | ND         |           | 3.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Bromoform                             | ND         |           | 5.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Bromomethane                          | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| cis-1,2-Dichloroethene                | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Carbon disulfide                      | ND         |           | 6.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Carbon tetrachloride                  | ND         |           | 3.1 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Chlorobenzene                         | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Chloroethane                          | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Chloroform                            | ND         |           | 2.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Chloromethane                         | ND         |           | 1.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Dibromochloromethane                  | ND         |           | 4.3 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Dichlorodifluoromethane</b>        | <b>2.5</b> |           | 2.5 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Dichlorotetrafluoroethane             | ND         |           | 14  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Ethylbenzene                          | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Hexachloro-1,3-butadiene              | ND         |           | 16  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Isopropanol</b>                    | <b>15</b>  |           | 12  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Methylene Chloride                    | ND         |           | 17  | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Methyl-t-Butyl Ether (MTBE)           | ND         |           | 7.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| n-Butylbenzene                        | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| o-Xylene                              | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| m,p-Xylene                            | ND         |           | 8.7 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| sec-Butylbenzene                      | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Styrene                               | ND         |           | 6.4 | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| trans-1,2-Dichloroethene              | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 05:52 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-4-15**  
**Date Collected: 01/20/20 08:57**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-8**  
**Matrix: Air**

| Analyte                             | Result     | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|------------|-----------|----------|-------|---|----------|----------------|---------|
| trans-1,3-Dichloropropene           | ND         |           | 4.5      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| tert-Butylbenzene                   | ND         |           | 8.2      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Tetrachloroethene</b>            | <b>570</b> |           | 3.4      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Toluene</b>                      | <b>11</b>  |           | 1.9      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Trichloroethene                     | ND         |           | 2.7      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Trichlorofluoromethane              | ND         |           | 5.6      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Vinyl acetate                       | ND         |           | 7.0      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Vinyl chloride                      | ND         |           | 1.3      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| tert-Butyl alcohol (TBA)            | ND         |           | 6.1      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Ethyl-t-butyl ether (ETBE)          | ND         |           | 8.4      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Di-isopropyl ether (DIPE)           | ND         |           | 8.4      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| <b>Ethanol</b>                      | <b>16</b>  |           | 9.4      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Tert-amyl methyl ether              | ND         |           | 8.4      | ug/m3 |   |          | 01/24/20 05:52 | 1       |
| Surrogate                           | %Recovery  | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 104        |           | 67 - 133 |       |   |          | 01/24/20 05:52 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 112        |           | 68 - 134 |       |   |          | 01/24/20 05:52 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 100        |           | 70 - 130 |       |   |          | 01/24/20 05:52 | 1       |

**Client Sample ID: SV-5-5**  
**Date Collected: 01/20/20 09:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-9**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 2.7 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 6.9 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 11  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1,2-Trichloroethane                 | ND        |           | 2.7 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1-Dichloroethane                    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1-Dichloroethene                    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,1-Difluoroethane                    | ND        |           | 5.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2,4-Trichlorobenzene                | ND        |           | 15  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2,4-Trimethylbenzene                | ND        |           | 7.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 14  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2-Dibromoethane                     | ND        |           | 3.8 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2-Dichloroethane                    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,2-Dichloropropane                   | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,3,5-Trimethylbenzene                | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,3-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 1,4-Dichlorobenzene                   | ND        |           | 3.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 2-Butanone                            | ND        |           | 4.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 2-Hexanone                            | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 4-Ethyltoluene                        | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| 4-Methyl-2-pentanone                  | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| <b>Acetone</b>                        | <b>20</b> |           | 4.8 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Benzene                               | ND        |           | 1.6 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Benzyl chloride                       | ND        |           | 7.8 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Bromodichloromethane                  | ND        |           | 3.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Bromoform                             | ND        |           | 5.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Bromomethane                          | ND        |           | 1.9 | ug/m3 |   |          | 01/24/20 06:43 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-5-5**  
**Date Collected: 01/20/20 09:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-9**  
**Matrix: Air**

| Analyte                     | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene      | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| cis-1,3-Dichloropropene     | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Carbon disulfide            | ND        |           | 6.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Carbon tetrachloride        | ND        |           | 3.1 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Chlorobenzene               | ND        |           | 2.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Chloroethane                | ND        |           | 1.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Chloroform                  | ND        |           | 2.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Chloromethane               | ND        |           | 1.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Dibromochloromethane        | ND        |           | 4.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Dichlorodifluoromethane     | ND        |           | 2.5 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Dichlorotetrafluoroethane   | ND        |           | 14  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Ethylbenzene                | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Hexachloro-1,3-butadiene    | ND        |           | 16  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| <b>Isopropanol</b>          | <b>16</b> |           | 12  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Methylene Chloride          | ND        |           | 17  | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |           | 7.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| n-Butylbenzene              | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| o-Xylene                    | ND        |           | 2.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| m,p-Xylene                  | ND        |           | 8.7 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| sec-Butylbenzene            | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Styrene                     | ND        |           | 6.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| trans-1,2-Dichloroethene    | ND        |           | 2.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| trans-1,3-Dichloropropene   | ND        |           | 4.5 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| tert-Butylbenzene           | ND        |           | 8.2 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| <b>Toluene</b>              | <b>12</b> |           | 1.9 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Trichloroethene             | ND        |           | 2.7 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Trichlorofluoromethane      | ND        |           | 5.6 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Vinyl acetate               | ND        |           | 7.0 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Vinyl chloride              | ND        |           | 1.3 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| tert-Butyl alcohol (TBA)    | ND        |           | 6.1 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Di-isopropyl ether (DIPE)   | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| <b>Ethanol</b>              | <b>18</b> |           | 9.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |
| Tert-amyl methyl ether      | ND        |           | 8.4 | ug/m3 |   |          | 01/24/20 06:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 67 - 133 |          | 01/24/20 06:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 111       |           | 68 - 134 |          | 01/24/20 06:43 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 01/24/20 06:43 | 1       |

**Client Sample ID: SV-5-15**  
**Date Collected: 01/20/20 09:24**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-10**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 6.9 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 11  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 2.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-5-15**  
**Date Collected: 01/20/20 09:24**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-10**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1-Difluoroethane          | ND         |           | 5.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2,4-Trichlorobenzene      | ND         |           | 15  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2,4-Trimethylbenzene      | ND         |           | 7.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND         |           | 14  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2-Dibromoethane           | ND         |           | 3.8 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2-Dichloroethane          | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,2-Dichloropropane         | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,3,5-Trimethylbenzene      | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,3-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 1,4-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| <b>2-Butanone</b>           | <b>6.8</b> |           | 4.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 2-Hexanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 4-Ethyltoluene              | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| 4-Methyl-2-pentanone        | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| <b>Acetone</b>              | <b>20</b>  |           | 4.8 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Benzene                     | ND         |           | 1.6 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Benzyl chloride             | ND         |           | 7.8 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Bromodichloromethane        | ND         |           | 3.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Bromoform                   | ND         |           | 5.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Bromomethane                | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| cis-1,2-Dichloroethene      | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| cis-1,3-Dichloropropene     | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Carbon disulfide            | ND         |           | 6.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Carbon tetrachloride        | ND         |           | 3.1 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Chlorobenzene               | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Chloroethane                | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Chloroform                  | ND         |           | 2.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Chloromethane               | ND         |           | 1.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Dibromochloromethane        | ND         |           | 4.3 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Dichlorodifluoromethane     | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Dichlorotetrafluoroethane   | ND         |           | 14  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Ethylbenzene                | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Hexachloro-1,3-butadiene    | ND         |           | 16  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| <b>Isopropanol</b>          | <b>13</b>  |           | 12  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Methylene Chloride          | ND         |           | 17  | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 7.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| n-Butylbenzene              | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| o-Xylene                    | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| m,p-Xylene                  | ND         |           | 8.7 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| sec-Butylbenzene            | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Styrene                     | ND         |           | 6.4 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| trans-1,2-Dichloroethene    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| trans-1,3-Dichloropropene   | ND         |           | 4.5 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| tert-Butylbenzene           | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| <b>Toluene</b>              | <b>13</b>  |           | 1.9 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Trichloroethene             | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Trichlorofluoromethane      | ND         |           | 5.6 | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Vinyl acetate               | ND         |           | 7.0 | ug/m3 |   |          | 01/24/20 07:38 | 1       |



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-5-15**  
**Date Collected: 01/20/20 09:24**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-10**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Vinyl chloride               | ND        |           | 1.3      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| tert-Butyl alcohol (TBA)     | ND        |           | 6.1      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Ethyl-t-butyl ether (ETBE)   | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Di-isopropyl ether (DIPE)    | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| <b>Ethanol</b>               | <b>14</b> |           | 9.4      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Tert-amyl methyl ether       | ND        |           | 8.4      | ug/m3 |   |          | 01/24/20 07:38 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 67 - 133 |       |   |          | 01/24/20 07:38 | 1       |
| 4-Bromofluorobenzene (Surr)  | 113       |           | 68 - 134 |       |   |          | 01/24/20 07:38 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |       |   |          | 01/24/20 07:38 | 1       |

**Client Sample ID: SV-6-5**  
**Date Collected: 01/20/20 09:43**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-11**  
**Matrix: Air**

| Analyte                               | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 6.9 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 11  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,1-Difluoroethane                    | ND         |           | 5.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 15  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2,4-Trimethylbenzene                | ND         |           | 7.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 14  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 3.8 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,3,5-Trimethylbenzene                | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 2-Butanone                            | ND         |           | 4.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 2-Hexanone                            | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 4-Ethyltoluene                        | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| 4-Methyl-2-pentanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| <b>Acetone</b>                        | <b>29</b>  |           | 4.8 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| <b>Benzene</b>                        | <b>2.9</b> |           | 1.6 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Benzyl chloride                       | ND         |           | 7.8 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Bromodichloromethane                  | ND         |           | 3.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Bromoform                             | ND         |           | 5.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Bromomethane                          | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| cis-1,2-Dichloroethene                | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| <b>Carbon disulfide</b>               | <b>32</b>  |           | 6.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Carbon tetrachloride                  | ND         |           | 3.1 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Chlorobenzene                         | ND         |           | 2.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Chloroethane                          | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Chloroform                            | ND         |           | 2.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-6-5**  
**Date Collected: 01/20/20 09:43**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-11**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| Chloromethane               | ND         |           | 1.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Dibromochloromethane        | ND         |           | 4.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Dichlorodifluoromethane     | ND         |           | 2.5 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Dichlorotetrafluoroethane   | ND         |           | 14  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Ethylbenzene                | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Hexachloro-1,3-butadiene    | ND         |           | 16  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| <b>Isopropanol</b>          | <b>140</b> |           | 12  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Methylene Chloride          | ND         |           | 17  | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 7.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| n-Butylbenzene              | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| o-Xylene                    | ND         |           | 2.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| m,p-Xylene                  | ND         |           | 8.7 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| sec-Butylbenzene            | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Styrene                     | ND         |           | 6.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| trans-1,2-Dichloroethene    | ND         |           | 2.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| trans-1,3-Dichloropropene   | ND         |           | 4.5 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| tert-Butylbenzene           | ND         |           | 8.2 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| <b>Tetrachloroethene</b>    | <b>150</b> |           | 3.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Toluene                     | ND         |           | 1.9 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Trichloroethene             | ND         |           | 2.7 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Trichlorofluoromethane      | ND         |           | 5.6 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Vinyl acetate               | ND         |           | 7.0 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Vinyl chloride              | ND         |           | 1.3 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| tert-Butyl alcohol (TBA)    | ND         |           | 6.1 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 8.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Di-isopropyl ether (DIPE)   | ND         |           | 8.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Ethanol                     | ND         |           | 9.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |
| Tert-amyl methyl ether      | ND         |           | 8.4 | ug/m3 |   |          | 01/24/20 08:32 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 105       |           | 67 - 133 |          | 01/24/20 08:32 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 105       |           | 68 - 134 |          | 01/24/20 08:32 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 100       |           | 70 - 130 |          | 01/24/20 08:32 | 1       |

**Client Sample ID: SV-6-15**  
**Date Collected: 01/20/20 09:44**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-12**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 5.5 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 14  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 23  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1,2-Trichloroethane                 | ND     |           | 5.5 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1-Dichloroethane                    | ND     |           | 4.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1-Dichloroethene                    | ND     |           | 4.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,1-Difluoroethane                    | ND     |           | 11  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2,4-Trichlorobenzene                | ND     |           | 30  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2,4-Trimethylbenzene                | ND     |           | 15  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 29  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2-Dibromoethane                     | ND     |           | 7.7 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2-Dichlorobenzene                   | ND     |           | 6.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-6-15**  
**Date Collected: 01/20/20 09:44**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-12**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,2-Dichloroethane          | ND         |           | 4.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,2-Dichloropropane         | ND         |           | 4.6 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,3,5-Trimethylbenzene      | ND         |           | 4.9 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,3-Dichlorobenzene         | ND         |           | 6.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 1,4-Dichlorobenzene         | ND         |           | 6.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 2-Butanone                  | ND         |           | 8.8 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 2-Hexanone                  | ND         |           | 12  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 4-Ethyltoluene              | ND         |           | 4.9 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| 4-Methyl-2-pentanone        | ND         |           | 12  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| <b>Acetone</b>              | <b>16</b>  |           | 9.5 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Benzene                     | ND         |           | 3.2 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Benzyl chloride             | ND         |           | 16  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Bromodichloromethane        | ND         |           | 6.7 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Bromoform                   | ND         |           | 10  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Bromomethane                | ND         |           | 3.9 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| cis-1,2-Dichloroethene      | ND         |           | 4.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| cis-1,3-Dichloropropene     | ND         |           | 4.5 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Carbon disulfide            | ND         |           | 12  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Carbon tetrachloride        | ND         |           | 6.3 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Chlorobenzene               | ND         |           | 4.6 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Chloroethane                | ND         |           | 2.6 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Chloroform                  | ND         |           | 4.9 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Chloromethane               | ND         |           | 2.1 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Dibromochloromethane        | ND         |           | 8.5 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Dichlorodifluoromethane     | ND         |           | 4.9 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Dichlorotetrafluoroethane   | ND         |           | 28  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Ethylbenzene                | ND         |           | 4.3 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Hexachloro-1,3-butadiene    | ND         |           | 32  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Isopropanol                 | ND         |           | 25  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Methylene Chloride          | ND         |           | 35  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 14  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| n-Butylbenzene              | ND         |           | 16  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| o-Xylene                    | ND         |           | 4.3 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| m,p-Xylene                  | ND         |           | 17  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| sec-Butylbenzene            | ND         |           | 16  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Styrene                     | ND         |           | 13  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| trans-1,2-Dichloroethene    | ND         |           | 4.0 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| trans-1,3-Dichloropropene   | ND         |           | 9.1 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| tert-Butylbenzene           | ND         |           | 16  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| <b>Tetrachloroethene</b>    | <b>740</b> |           | 6.8 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| <b>Toluene</b>              | <b>5.3</b> |           | 3.8 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Trichloroethene             | ND         |           | 5.4 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Trichlorofluoromethane      | ND         |           | 11  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Vinyl acetate               | ND         |           | 14  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Vinyl chloride              | ND         |           | 2.6 | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| tert-Butyl alcohol (TBA)    | ND         |           | 12  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 17  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Di-isopropyl ether (DIPE)   | ND         |           | 17  | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Ethanol                     | ND         |           | 19  | ug/m3 |   |          | 01/25/20 18:20 | 2       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-6-15**  
**Date Collected: 01/20/20 09:44**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-12**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Tert-amyl methyl ether       | ND        |           | 17       | ug/m3 |   |          | 01/25/20 18:20 | 2       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 67 - 133 |       |   |          | 01/25/20 18:20 | 2       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 68 - 134 |       |   |          | 01/25/20 18:20 | 2       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |       |   |          | 01/25/20 18:20 | 2       |

**Client Sample ID: SV-7-5**  
**Date Collected: 01/20/20 09:53**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-13**  
**Matrix: Air**

| Analyte                                 | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                   | ND     |           | 31  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1,1,2-Tetrachloroethane               | ND     |           | 78  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 130 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1,2-Trichloroethane                   | ND     |           | 31  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1-Dichloroethane                      | ND     |           | 23  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1-Dichloroethene                      | ND     |           | 23  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,1-Difluoroethane                      | ND     |           | 61  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2,4-Trichlorobenzene                  | ND     |           | 170 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2,4-Trimethylbenzene                  | ND     |           | 84  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2-Dibromo-3-Chloropropane             | ND     |           | 160 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2-Dibromoethane                       | ND     |           | 44  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2-Dichlorobenzene                     | ND     |           | 34  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2-Dichloroethane                      | ND     |           | 23  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,2-Dichloropropane                     | ND     |           | 26  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,3,5-Trimethylbenzene                  | ND     |           | 28  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,3-Dichlorobenzene                     | ND     |           | 34  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 1,4-Dichlorobenzene                     | ND     |           | 34  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 2-Butanone                              | ND     |           | 50  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 2-Hexanone                              | ND     |           | 70  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 4-Ethyltoluene                          | ND     |           | 28  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| 4-Methyl-2-pentanone                    | ND     |           | 70  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Acetone                                 | ND     |           | 54  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Benzene                                 | ND     |           | 18  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Benzyl chloride                         | ND     |           | 88  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Bromodichloromethane                    | ND     |           | 38  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Bromoform                               | ND     |           | 59  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Bromomethane                            | ND     |           | 22  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| cis-1,2-Dichloroethene                  | ND     |           | 23  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| cis-1,3-Dichloropropene                 | ND     |           | 26  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Carbon disulfide                        | ND     |           | 71  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Carbon tetrachloride                    | ND     |           | 36  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Chlorobenzene                           | ND     |           | 26  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Chloroethane                            | ND     |           | 15  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Chloroform                              | ND     |           | 28  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Chloromethane                           | ND     |           | 12  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Dibromochloromethane                    | ND     |           | 48  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Dichlorodifluoromethane                 | ND     |           | 28  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Dichlorotetrafluoroethane               | ND     |           | 160 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Ethylbenzene                            | ND     |           | 25  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |

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# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-7-5**  
**Date Collected: 01/20/20 09:53**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-13**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| Hexachloro-1,3-butadiene    | ND          |           | 180 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Isopropanol                 | ND          |           | 140 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Methylene Chloride          | ND          |           | 200 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 82  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| n-Butylbenzene              | ND          |           | 94  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| o-Xylene                    | ND          |           | 25  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| m,p-Xylene                  | ND          |           | 99  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| sec-Butylbenzene            | ND          |           | 94  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Styrene                     | ND          |           | 73  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| trans-1,2-Dichloroethene    | ND          |           | 23  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| trans-1,3-Dichloropropene   | ND          |           | 52  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| tert-Butylbenzene           | ND          |           | 94  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| <b>Tetrachloroethene</b>    | <b>3300</b> |           | 39  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Toluene                     | ND          |           | 21  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Trichloroethene             | ND          |           | 31  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Trichlorofluoromethane      | ND          |           | 64  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Vinyl acetate               | ND          |           | 80  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Vinyl chloride              | ND          |           | 15  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| tert-Butyl alcohol (TBA)    | ND          |           | 69  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Ethyl-t-butyl ether (ETBE)  | ND          |           | 95  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Di-isopropyl ether (DIPE)   | ND          |           | 95  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Ethanol                     | ND          |           | 110 | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |
| Tert-amyl methyl ether      | ND          |           | 95  | ug/m3 |   |          | 01/25/20 19:08 | 11.36   |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 67 - 133 |          | 01/25/20 19:08 | 11.36   |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 68 - 134 |          | 01/25/20 19:08 | 11.36   |
| Toluene-d8 (Surr)            | 101       |           | 70 - 130 |          | 01/25/20 19:08 | 11.36   |

**Client Sample ID: SV-7-15**  
**Date Collected: 01/20/20 09:54**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-14**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 7.4 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1,1,2,2-Tetrachloroethane           | ND     |           | 19  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 31  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1,2-Trichloroethane                 | ND     |           | 7.4 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1-Dichloroethane                    | ND     |           | 5.5 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1-Dichloroethene                    | ND     |           | 5.4 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,1-Difluoroethane                    | ND     |           | 15  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2,4-Trichlorobenzene                | ND     |           | 40  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2,4-Trimethylbenzene                | ND     |           | 20  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 39  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2-Dibromoethane                     | ND     |           | 10  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2-Dichlorobenzene                   | ND     |           | 8.2 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2-Dichloroethane                    | ND     |           | 5.5 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,2-Dichloropropane                   | ND     |           | 6.3 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,3,5-Trimethylbenzene                | ND     |           | 6.7 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,3-Dichlorobenzene                   | ND     |           | 8.2 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 1,4-Dichlorobenzene                   | ND     |           | 8.2 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-7-15**  
**Date Collected: 01/20/20 09:54**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-14**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| 2-Butanone                  | ND          |           | 12  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 2-Hexanone                  | ND          |           | 17  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 4-Ethyltoluene              | ND          |           | 6.7 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| 4-Methyl-2-pentanone        | ND          |           | 17  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| <b>Acetone</b>              | <b>14</b>   |           | 13  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Benzene                     | ND          |           | 4.3 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Benzyl chloride             | ND          |           | 21  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Bromodichloromethane        | ND          |           | 9.1 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Bromoform                   | ND          |           | 14  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Bromomethane                | ND          |           | 5.3 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| cis-1,2-Dichloroethene      | ND          |           | 5.4 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| cis-1,3-Dichloropropene     | ND          |           | 6.2 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Carbon disulfide            | ND          |           | 17  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Carbon tetrachloride        | ND          |           | 8.6 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Chlorobenzene               | ND          |           | 6.3 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Chloroethane                | ND          |           | 3.6 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Chloroform                  | ND          |           | 6.6 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Chloromethane               | ND          |           | 2.8 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Dibromochloromethane        | ND          |           | 12  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Dichlorodifluoromethane     | ND          |           | 6.7 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Dichlorotetrafluoroethane   | ND          |           | 38  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Ethylbenzene                | ND          |           | 5.9 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Hexachloro-1,3-butadiene    | ND          |           | 44  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Isopropanol                 | ND          |           | 33  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Methylene Chloride          | ND          |           | 47  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 20  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| n-Butylbenzene              | ND          |           | 22  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| o-Xylene                    | ND          |           | 5.9 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| m,p-Xylene                  | ND          |           | 24  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| sec-Butylbenzene            | ND          |           | 22  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Styrene                     | ND          |           | 17  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| trans-1,2-Dichloroethene    | ND          |           | 5.4 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| trans-1,3-Dichloropropene   | ND          |           | 12  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| tert-Butylbenzene           | ND          |           | 22  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| <b>Tetrachloroethene</b>    | <b>1000</b> |           | 9.2 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| <b>Toluene</b>              | <b>5.9</b>  |           | 5.1 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Trichloroethene             | ND          |           | 7.3 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Trichlorofluoromethane      | ND          |           | 15  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Vinyl acetate               | ND          |           | 19  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Vinyl chloride              | ND          |           | 3.5 | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| tert-Butyl alcohol (TBA)    | ND          |           | 16  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Ethyl-t-butyl ether (ETBE)  | ND          |           | 23  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Di-isopropyl ether (DIPE)   | ND          |           | 23  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Ethanol                     | ND          |           | 26  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |
| Tert-amyl methyl ether      | ND          |           | 23  | ug/m3 |   |          | 01/25/20 20:01 | 2.72    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 67 - 133 |          | 01/25/20 20:01 | 2.72    |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 68 - 134 |          | 01/25/20 20:01 | 2.72    |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 01/25/20 20:01 | 2.72    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Client Sample ID: AA\_20200120**

**Date Collected: 01/20/20 10:20**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-15**

**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 7.9 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 20  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 33  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1,2-Trichloroethane                 | ND        |           | 7.9 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1-Dichloroethane                    | ND        |           | 5.8 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1-Dichloroethene                    | ND        |           | 5.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,1-Difluoroethane                    | ND        |           | 16  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2,4-Trichlorobenzene                | ND        |           | 43  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2,4-Trimethylbenzene                | ND        |           | 21  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 42  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2-Dibromoethane                     | ND        |           | 11  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2-Dichloroethane                    | ND        |           | 5.8 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,2-Dichloropropane                   | ND        |           | 6.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,3,5-Trimethylbenzene                | ND        |           | 7.1 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,3-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 1,4-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 2-Butanone                            | ND        |           | 13  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 2-Hexanone                            | ND        |           | 18  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 4-Ethyltoluene                        | ND        |           | 7.1 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| 4-Methyl-2-pentanone                  | ND        |           | 18  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| <b>Acetone</b>                        | <b>19</b> |           | 14  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Benzene                               | ND        |           | 4.6 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Benzyl chloride                       | ND        |           | 22  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Bromodichloromethane                  | ND        |           | 9.6 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Bromoform                             | ND        |           | 15  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Bromomethane                          | ND        |           | 5.6 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| cis-1,2-Dichloroethene                | ND        |           | 5.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| cis-1,3-Dichloropropene               | ND        |           | 6.5 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Carbon disulfide                      | ND        |           | 18  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Carbon tetrachloride                  | ND        |           | 9.1 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Chlorobenzene                         | ND        |           | 6.6 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Chloroethane                          | ND        |           | 3.8 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Chloroform                            | ND        |           | 7.0 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Chloromethane                         | ND        |           | 3.0 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Dibromochloromethane                  | ND        |           | 12  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Dichlorodifluoromethane               | ND        |           | 7.1 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Dichlorotetrafluoroethane             | ND        |           | 40  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Ethylbenzene                          | ND        |           | 6.3 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Hexachloro-1,3-butadiene              | ND        |           | 46  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Isopropanol                           | ND        |           | 35  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Methylene Chloride                    | ND        |           | 50  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Methyl-t-Butyl Ether (MTBE)           | ND        |           | 21  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| n-Butylbenzene                        | ND        |           | 24  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| o-Xylene                              | ND        |           | 6.3 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| m,p-Xylene                            | ND        |           | 25  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| sec-Butylbenzene                      | ND        |           | 24  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Styrene                               | ND        |           | 18  | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| trans-1,2-Dichloroethene              | ND        |           | 5.7 | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: AA\_20200120**

**Date Collected: 01/20/20 10:20**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-15**

**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| trans-1,3-Dichloropropene    | ND        |           | 13       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| tert-Butylbenzene            | ND        |           | 24       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Tetrachloroethene            | ND        |           | 9.8      | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Toluene                      | ND        |           | 5.4      | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Trichloroethene              | ND        |           | 7.7      | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Trichlorofluoromethane       | ND        |           | 16       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Vinyl acetate                | ND        |           | 20       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Vinyl chloride               | ND        |           | 3.7      | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| tert-Butyl alcohol (TBA)     | ND        |           | 17       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Ethyl-t-butyl ether (ETBE)   | ND        |           | 24       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Di-isopropyl ether (DIPE)    | ND        |           | 24       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Ethanol                      | ND        |           | 27       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Tert-amyl methyl ether       | ND        |           | 24       | ug/m3 |   |          | 01/25/20 20:53 | 2.88    |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 67 - 133 |       |   |          | 01/25/20 20:53 | 2.88    |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 68 - 134 |       |   |          | 01/25/20 20:53 | 2.88    |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |       |   |          | 01/25/20 20:53 | 2.88    |

**Client Sample ID: SV-8-5**

**Date Collected: 01/20/20 10:16**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-16**

**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 17  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 43  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 71  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1,2-Trichloroethane                 | ND        |           | 17  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1-Dichloroethane                    | ND        |           | 13  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1-Dichloroethene                    | ND        |           | 12  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,1-Difluoroethane                    | ND        |           | 33  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2,4-Trichlorobenzene                | ND        |           | 92  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2,4-Trimethylbenzene                | ND        |           | 46  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 90  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2-Dibromoethane                     | ND        |           | 24  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2-Dichlorobenzene                   | ND        |           | 19  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2-Dichloroethane                    | ND        |           | 13  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,2-Dichloropropane                   | ND        |           | 14  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,3,5-Trimethylbenzene                | ND        |           | 15  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,3-Dichlorobenzene                   | ND        |           | 19  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 1,4-Dichlorobenzene                   | ND        |           | 19  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 2-Butanone                            | ND        |           | 27  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 2-Hexanone                            | ND        |           | 38  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 4-Ethyltoluene                        | ND        |           | 15  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| 4-Methyl-2-pentanone                  | ND        |           | 38  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| <b>Acetone</b>                        | <b>39</b> |           | 29  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Benzene                               | ND        |           | 9.9 | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Benzyl chloride                       | ND        |           | 48  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Bromodichloromethane                  | ND        |           | 21  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Bromoform                             | ND        |           | 32  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Bromomethane                          | ND        |           | 12  | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-8-5**  
**Date Collected: 01/20/20 10:16**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-16**  
**Matrix: Air**

| Analyte                      | Result      | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-------------|-----------|----------|-------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene       | ND          |           | 12       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| cis-1,3-Dichloropropene      | ND          |           | 14       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Carbon disulfide             | ND          |           | 39       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Carbon tetrachloride         | ND          |           | 20       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Chlorobenzene                | ND          |           | 14       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Chloroethane                 | ND          |           | 8.2      | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Chloroform                   | ND          |           | 15       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Chloromethane                | ND          |           | 6.4      | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Dibromochloromethane         | ND          |           | 26       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Dichlorodifluoromethane      | ND          |           | 15       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Dichlorotetrafluoroethane    | ND          |           | 87       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Ethylbenzene                 | ND          |           | 13       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Hexachloro-1,3-butadiene     | ND          |           | 99       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Isopropanol                  | ND          |           | 76       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Methylene Chloride           | ND          |           | 110      | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Methyl-t-Butyl Ether (MTBE)  | ND          |           | 45       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| n-Butylbenzene               | ND          |           | 51       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| o-Xylene                     | ND          |           | 13       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| m,p-Xylene                   | ND          |           | 54       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| sec-Butylbenzene             | ND          |           | 51       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Styrene                      | ND          |           | 40       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| trans-1,2-Dichloroethene     | ND          |           | 12       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| trans-1,3-Dichloropropene    | ND          |           | 28       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| tert-Butylbenzene            | ND          |           | 51       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| <b>Tetrachloroethene</b>     | <b>2000</b> |           | 21       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Toluene                      | ND          |           | 12       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Trichloroethene              | ND          |           | 17       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Trichlorofluoromethane       | ND          |           | 35       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Vinyl acetate                | ND          |           | 44       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Vinyl chloride               | ND          |           | 7.9      | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| tert-Butyl alcohol (TBA)     | ND          |           | 38       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Ethyl-t-butyl ether (ETBE)   | ND          |           | 52       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Di-isopropyl ether (DIPE)    | ND          |           | 52       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Ethanol                      | ND          |           | 58       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Tert-amyl methyl ether       | ND          |           | 52       | ug/m3 |   |          | 01/25/20 21:40 | 6.2     |
| Surrogate                    | %Recovery   | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101         |           | 67 - 133 |       |   |          | 01/25/20 21:40 | 6.2     |
| 4-Bromofluorobenzene (Surr)  | 99          |           | 68 - 134 |       |   |          | 01/25/20 21:40 | 6.2     |
| Toluene-d8 (Surr)            | 99          |           | 70 - 130 |       |   |          | 01/25/20 21:40 | 6.2     |

**Client Sample ID: SV-8-15**  
**Date Collected: 01/20/20 10:17**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-17**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 17 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 42 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 70 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,1,2-Trichloroethane                 | ND     |           | 17 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,1-Dichloroethane                    | ND     |           | 12 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-8-15**  
**Date Collected: 01/20/20 10:17**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-17**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1-Dichloroethene          | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,1-Difluoroethane          | ND          |           | 33  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2,4-Trichlorobenzene      | ND          |           | 91  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2,4-Trimethylbenzene      | ND          |           | 45  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2-Dibromo-3-Chloropropane | ND          |           | 89  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2-Dibromoethane           | ND          |           | 24  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2-Dichlorobenzene         | ND          |           | 18  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2-Dichloroethane          | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,2-Dichloropropane         | ND          |           | 14  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,3,5-Trimethylbenzene      | ND          |           | 15  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,3-Dichlorobenzene         | ND          |           | 18  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 1,4-Dichlorobenzene         | ND          |           | 18  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 2-Butanone                  | ND          |           | 27  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 2-Hexanone                  | ND          |           | 38  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 4-Ethyltoluene              | ND          |           | 15  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| 4-Methyl-2-pentanone        | ND          |           | 38  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Acetone                     | ND          |           | 29  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Benzene                     | ND          |           | 9.8 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Benzyl chloride             | ND          |           | 48  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Bromodichloromethane        | ND          |           | 21  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Bromoform                   | ND          |           | 32  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Bromomethane                | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| cis-1,2-Dichloroethene      | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| cis-1,3-Dichloropropene     | ND          |           | 14  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Carbon disulfide            | ND          |           | 38  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Carbon tetrachloride        | ND          |           | 19  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Chlorobenzene               | ND          |           | 14  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Chloroethane                | ND          |           | 8.1 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Chloroform                  | ND          |           | 15  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Chloromethane               | ND          |           | 6.3 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Dibromochloromethane        | ND          |           | 26  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Dichlorodifluoromethane     | ND          |           | 15  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Dichlorotetrafluoroethane   | ND          |           | 86  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Ethylbenzene                | ND          |           | 13  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Hexachloro-1,3-butadiene    | ND          |           | 98  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Isopropanol                 | ND          |           | 75  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Methylene Chloride          | ND          |           | 110 | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 44  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| n-Butylbenzene              | ND          |           | 50  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| o-Xylene                    | ND          |           | 13  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| m,p-Xylene                  | ND          |           | 53  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| sec-Butylbenzene            | ND          |           | 50  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Styrene                     | ND          |           | 39  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| trans-1,2-Dichloroethene    | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| trans-1,3-Dichloropropene   | ND          |           | 28  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| tert-Butylbenzene           | ND          |           | 50  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| <b>Tetrachloroethene</b>    | <b>2600</b> |           | 21  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Toluene                     | ND          |           | 12  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Trichloroethene             | ND          |           | 16  | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-8-15**  
**Date Collected: 01/20/20 10:17**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-17**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Trichlorofluoromethane       | ND        |           | 34       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Vinyl acetate                | ND        |           | 43       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Vinyl chloride               | ND        |           | 7.8      | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| tert-Butyl alcohol (TBA)     | ND        |           | 37       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Ethyl-t-butyl ether (ETBE)   | ND        |           | 51       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Di-isopropyl ether (DIPE)    | ND        |           | 51       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Ethanol                      | ND        |           | 58       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Tert-amyl methyl ether       | ND        |           | 51       | ug/m3 |   |          | 01/25/20 22:28 | 6.12    |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 67 - 133 |       |   |          | 01/25/20 22:28 | 6.12    |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 68 - 134 |       |   |          | 01/25/20 22:28 | 6.12    |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |       |   |          | 01/25/20 22:28 | 6.12    |

**Client Sample ID: SV-9-5**  
**Date Collected: 01/20/20 12:49**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-18**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 7.9 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 20  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 33  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1,2-Trichloroethane                 | ND        |           | 7.9 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1-Dichloroethane                    | ND        |           | 5.8 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1-Dichloroethene                    | ND        |           | 5.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,1-Difluoroethane                    | ND        |           | 16  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2,4-Trichlorobenzene                | ND        |           | 43  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2,4-Trimethylbenzene                | ND        |           | 21  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 42  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2-Dibromoethane                     | ND        |           | 11  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2-Dichloroethane                    | ND        |           | 5.8 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,2-Dichloropropane                   | ND        |           | 6.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,3,5-Trimethylbenzene                | ND        |           | 7.1 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,3-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 1,4-Dichlorobenzene                   | ND        |           | 8.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 2-Butanone                            | ND        |           | 13  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 2-Hexanone                            | ND        |           | 18  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 4-Ethyltoluene                        | ND        |           | 7.1 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| 4-Methyl-2-pentanone                  | ND        |           | 18  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| <b>Acetone</b>                        | <b>20</b> |           | 14  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Benzene                               | ND        |           | 4.6 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Benzyl chloride                       | ND        |           | 22  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Bromodichloromethane                  | ND        |           | 9.6 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Bromoform                             | ND        |           | 15  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Bromomethane                          | ND        |           | 5.6 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| cis-1,2-Dichloroethene                | ND        |           | 5.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| cis-1,3-Dichloropropene               | ND        |           | 6.5 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Carbon disulfide                      | ND        |           | 18  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Carbon tetrachloride                  | ND        |           | 9.1 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Chlorobenzene                         | ND        |           | 6.6 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-9-5**  
**Date Collected: 01/20/20 12:49**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-18**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| Chloroethane                | ND         |           | 3.8 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Chloroform                  | ND         |           | 7.0 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Chloromethane               | ND         |           | 3.0 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Dibromochloromethane        | ND         |           | 12  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Dichlorodifluoromethane     | ND         |           | 7.1 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Dichlorotetrafluoroethane   | ND         |           | 40  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Ethylbenzene                | ND         |           | 6.3 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Hexachloro-1,3-butadiene    | ND         |           | 46  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| <b>Isopropanol</b>          | <b>48</b>  |           | 35  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Methylene Chloride          | ND         |           | 50  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 21  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| n-Butylbenzene              | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| o-Xylene                    | ND         |           | 6.3 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| m,p-Xylene                  | ND         |           | 25  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| sec-Butylbenzene            | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Styrene                     | ND         |           | 18  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| trans-1,2-Dichloroethene    | ND         |           | 5.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| trans-1,3-Dichloropropene   | ND         |           | 13  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| tert-Butylbenzene           | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| <b>Tetrachloroethene</b>    | <b>470</b> |           | 9.8 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Toluene                     | ND         |           | 5.4 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Trichloroethene             | ND         |           | 7.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Trichlorofluoromethane      | ND         |           | 16  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Vinyl acetate               | ND         |           | 20  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Vinyl chloride              | ND         |           | 3.7 | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| tert-Butyl alcohol (TBA)    | ND         |           | 17  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Di-isopropyl ether (DIPE)   | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Ethanol                     | ND         |           | 27  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |
| Tert-amyl methyl ether      | ND         |           | 24  | ug/m3 |   |          | 01/25/20 23:20 | 2.88    |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 98        |           | 67 - 133 |          | 01/25/20 23:20 | 2.88    |
| <i>4-Bromofluorobenzene (Surr)</i>  | 99        |           | 68 - 134 |          | 01/25/20 23:20 | 2.88    |
| <i>Toluene-d8 (Surr)</i>            | 98        |           | 70 - 130 |          | 01/25/20 23:20 | 2.88    |

**Client Sample ID: SV-9-15**  
**Date Collected: 01/20/20 12:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-19**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 7.7 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 19  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 33  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1,2-Trichloroethane                 | ND     |           | 7.7 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1-Dichloroethane                    | ND     |           | 5.7 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1-Dichloroethene                    | ND     |           | 5.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,1-Difluoroethane                    | ND     |           | 15  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2,4-Trichlorobenzene                | ND     |           | 42  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2,4-Trimethylbenzene                | ND     |           | 21  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 41  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-9-15**  
**Date Collected: 01/20/20 12:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-19**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,2-Dibromoethane           | ND         |           | 11  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2-Dichlorobenzene         | ND         |           | 8.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2-Dichloroethane          | ND         |           | 5.7 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,2-Dichloropropane         | ND         |           | 6.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,3,5-Trimethylbenzene      | ND         |           | 7.0 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,3-Dichlorobenzene         | ND         |           | 8.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 1,4-Dichlorobenzene         | ND         |           | 8.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 2-Butanone                  | ND         |           | 13  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 2-Hexanone                  | ND         |           | 17  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 4-Ethyltoluene              | ND         |           | 7.0 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| 4-Methyl-2-pentanone        | ND         |           | 17  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| <b>Acetone</b>              | <b>16</b>  |           | 13  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Benzene                     | ND         |           | 4.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Benzyl chloride             | ND         |           | 22  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Bromodichloromethane        | ND         |           | 9.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Bromoform                   | ND         |           | 15  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Bromomethane                | ND         |           | 5.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| cis-1,2-Dichloroethene      | ND         |           | 5.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| cis-1,3-Dichloropropene     | ND         |           | 6.4 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Carbon disulfide            | ND         |           | 18  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Carbon tetrachloride        | ND         |           | 8.9 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Chlorobenzene               | ND         |           | 6.5 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Chloroethane                | ND         |           | 3.7 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Chloroform                  | ND         |           | 6.9 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Chloromethane               | ND         |           | 2.9 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Dibromochloromethane        | ND         |           | 12  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Dichlorodifluoromethane     | ND         |           | 7.0 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Dichlorotetrafluoroethane   | ND         |           | 40  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Ethylbenzene                | ND         |           | 6.2 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Hexachloro-1,3-butadiene    | ND         |           | 45  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Isopropanol                 | ND         |           | 35  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Methylene Chloride          | ND         |           | 49  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 20  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| n-Butylbenzene              | ND         |           | 23  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| o-Xylene                    | ND         |           | 6.2 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| m,p-Xylene                  | ND         |           | 25  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| sec-Butylbenzene            | ND         |           | 23  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Styrene                     | ND         |           | 18  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| trans-1,2-Dichloroethene    | ND         |           | 5.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| trans-1,3-Dichloropropene   | ND         |           | 13  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| tert-Butylbenzene           | ND         |           | 23  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| <b>Tetrachloroethene</b>    | <b>420</b> |           | 9.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Toluene                     | ND         |           | 5.4 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| <b>Trichloroethene</b>      | <b>15</b>  |           | 7.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Trichlorofluoromethane      | ND         |           | 16  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Vinyl acetate               | ND         |           | 20  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Vinyl chloride              | ND         |           | 3.6 | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| tert-Butyl alcohol (TBA)    | ND         |           | 17  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 24  | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-9-15**  
**Date Collected: 01/20/20 12:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-19**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Di-isopropyl ether (DIPE)    | ND        |           | 24       | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Ethanol                      | ND        |           | 27       | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Tert-amyl methyl ether       | ND        |           | 24       | ug/m3 |   |          | 01/26/20 00:12 | 2.84    |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 67 - 133 |       |   |          | 01/26/20 00:12 | 2.84    |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 68 - 134 |       |   |          | 01/26/20 00:12 | 2.84    |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |       |   |          | 01/26/20 00:12 | 2.84    |

**Client Sample ID: SV-10-5**  
**Date Collected: 01/20/20 12:22**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-20**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 12  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 30  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 50  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1,2-Trichloroethane                 | ND     |           | 12  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1-Dichloroethane                    | ND     |           | 8.9 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1-Dichloroethene                    | ND     |           | 8.7 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,1-Difluoroethane                    | ND     |           | 24  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2,4-Trichlorobenzene                | ND     |           | 65  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2,4-Trimethylbenzene                | ND     |           | 32  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 63  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2-Dibromoethane                     | ND     |           | 17  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2-Dichlorobenzene                   | ND     |           | 13  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2-Dichloroethane                    | ND     |           | 8.9 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,2-Dichloropropane                   | ND     |           | 10  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,3,5-Trimethylbenzene                | ND     |           | 11  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,3-Dichlorobenzene                   | ND     |           | 13  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 1,4-Dichlorobenzene                   | ND     |           | 13  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 2-Butanone                            | ND     |           | 19  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 2-Hexanone                            | ND     |           | 27  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 4-Ethyltoluene                        | ND     |           | 11  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| 4-Methyl-2-pentanone                  | ND     |           | 27  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Acetone                               | ND     |           | 21  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Benzene                               | ND     |           | 7.0 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Benzyl chloride                       | ND     |           | 34  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Bromodichloromethane                  | ND     |           | 15  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Bromoform                             | ND     |           | 23  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Bromomethane                          | ND     |           | 8.5 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| cis-1,2-Dichloroethene                | ND     |           | 8.7 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| cis-1,3-Dichloropropene               | ND     |           | 9.9 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Carbon disulfide                      | ND     |           | 27  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Carbon tetrachloride                  | ND     |           | 14  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Chlorobenzene                         | ND     |           | 10  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Chloroethane                          | ND     |           | 5.8 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Chloroform                            | ND     |           | 11  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Chloromethane                         | ND     |           | 4.5 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Dibromochloromethane                  | ND     |           | 19  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Dichlorodifluoromethane               | ND     |           | 11  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |

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# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-10-5**  
**Date Collected: 01/20/20 12:22**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-20**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| Dichlorotetrafluoroethane   | ND          |           | 61  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Ethylbenzene                | ND          |           | 9.5 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Hexachloro-1,3-butadiene    | ND          |           | 70  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Isopropanol                 | ND          |           | 54  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Methylene Chloride          | ND          |           | 76  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 32  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| n-Butylbenzene              | ND          |           | 36  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| o-Xylene                    | ND          |           | 9.5 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| m,p-Xylene                  | ND          |           | 38  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| sec-Butylbenzene            | ND          |           | 36  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Styrene                     | ND          |           | 28  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| trans-1,2-Dichloroethene    | ND          |           | 8.7 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| trans-1,3-Dichloropropene   | ND          |           | 20  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| tert-Butylbenzene           | ND          |           | 36  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| <b>Tetrachloroethene</b>    | <b>1500</b> |           | 15  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Toluene                     | ND          |           | 8.3 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Trichloroethene             | ND          |           | 12  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Trichlorofluoromethane      | ND          |           | 25  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Vinyl acetate               | ND          |           | 31  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Vinyl chloride              | ND          |           | 5.6 | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| tert-Butyl alcohol (TBA)    | ND          |           | 27  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Ethyl-t-butyl ether (ETBE)  | ND          |           | 37  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Di-isopropyl ether (DIPE)   | ND          |           | 37  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Ethanol                     | ND          |           | 41  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |
| Tert-amyl methyl ether      | ND          |           | 37  | ug/m3 |   |          | 01/26/20 01:01 | 4.38    |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 97        |           | 67 - 133 |          | 01/26/20 01:01 | 4.38    |
| <i>4-Bromofluorobenzene (Surr)</i>  | 98        |           | 68 - 134 |          | 01/26/20 01:01 | 4.38    |
| <i>Toluene-d8 (Surr)</i>            | 100       |           | 70 - 130 |          | 01/26/20 01:01 | 4.38    |

**Client Sample ID: SV-10-15**  
**Date Collected: 01/20/20 12:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-21**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 9.2 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 23  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 39  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1,2-Trichloroethane                 | ND     |           | 9.2 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1-Dichloroethane                    | ND     |           | 6.8 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1-Dichloroethene                    | ND     |           | 6.7 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,1-Difluoroethane                    | ND     |           | 18  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2,4-Trichlorobenzene                | ND     |           | 50  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2,4-Trimethylbenzene                | ND     |           | 25  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 49  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2-Dibromoethane                     | ND     |           | 13  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2-Dichlorobenzene                   | ND     |           | 10  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2-Dichloroethane                    | ND     |           | 6.8 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,2-Dichloropropane                   | ND     |           | 7.8 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,3,5-Trimethylbenzene                | ND     |           | 8.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-10-15**  
**Date Collected: 01/20/20 12:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-21**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,3-Dichlorobenzene         | ND         |           | 10  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 1,4-Dichlorobenzene         | ND         |           | 10  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 2-Butanone                  | ND         |           | 15  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 2-Hexanone                  | ND         |           | 21  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 4-Ethyltoluene              | ND         |           | 8.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| 4-Methyl-2-pentanone        | ND         |           | 21  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| <b>Acetone</b>              | <b>22</b>  |           | 16  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Benzene                     | ND         |           | 5.4 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Benzyl chloride             | ND         |           | 26  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Bromodichloromethane        | ND         |           | 11  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Bromoform                   | ND         |           | 17  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Bromomethane                | ND         |           | 6.5 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| cis-1,2-Dichloroethene      | ND         |           | 6.7 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| cis-1,3-Dichloropropene     | ND         |           | 7.6 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Carbon disulfide            | ND         |           | 21  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Carbon tetrachloride        | ND         |           | 11  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Chlorobenzene               | ND         |           | 7.7 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Chloroethane                | ND         |           | 4.4 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Chloroform                  | ND         |           | 8.2 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Chloromethane               | ND         |           | 3.5 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Dibromochloromethane        | ND         |           | 14  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Dichlorodifluoromethane     | ND         |           | 8.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Dichlorotetrafluoroethane   | ND         |           | 47  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Ethylbenzene                | ND         |           | 7.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Hexachloro-1,3-butadiene    | ND         |           | 54  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Isopropanol                 | ND         |           | 41  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Methylene Chloride          | ND         |           | 58  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 24  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| n-Butylbenzene              | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| o-Xylene                    | ND         |           | 7.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| m,p-Xylene                  | ND         |           | 29  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| sec-Butylbenzene            | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Styrene                     | ND         |           | 21  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| trans-1,2-Dichloroethene    | ND         |           | 6.7 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| trans-1,3-Dichloropropene   | ND         |           | 15  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| tert-Butylbenzene           | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| <b>Tetrachloroethene</b>    | <b>350</b> |           | 11  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Toluene                     | ND         |           | 6.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Trichloroethene             | ND         |           | 9.0 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Trichlorofluoromethane      | ND         |           | 19  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Vinyl acetate               | ND         |           | 24  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Vinyl chloride              | ND         |           | 4.3 | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| tert-Butyl alcohol (TBA)    | ND         |           | 20  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Di-isopropyl ether (DIPE)   | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Ethanol                     | ND         |           | 32  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |
| Tert-amyl methyl ether      | ND         |           | 28  | ug/m3 |   |          | 01/26/20 01:52 | 3.36    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 67 - 133 |          | 01/26/20 01:52 | 3.36    |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-10-15**  
**Date Collected: 01/20/20 12:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-21**  
**Matrix: Air**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97        |           | 68 - 134 |          | 01/26/20 01:52 | 3.36    |
| Toluene-d8 (Surr)           | 100       |           | 70 - 130 |          | 01/26/20 01:52 | 3.36    |

**Client Sample ID: SV-11-5**  
**Date Collected: 01/20/20 12:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-22**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 11  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 27  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 46  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1,2-Trichloroethane                 | ND     |           | 11  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1-Dichloroethane                    | ND     |           | 8.1 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1-Dichloroethene                    | ND     |           | 7.9 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,1-Difluoroethane                    | ND     |           | 22  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2,4-Trichlorobenzene                | ND     |           | 59  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2,4-Trimethylbenzene                | ND     |           | 29  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 58  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2-Dibromoethane                     | ND     |           | 15  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2-Dichlorobenzene                   | ND     |           | 12  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2-Dichloroethane                    | ND     |           | 8.1 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,2-Dichloropropane                   | ND     |           | 9.2 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,3,5-Trimethylbenzene                | ND     |           | 9.8 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,3-Dichlorobenzene                   | ND     |           | 12  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 1,4-Dichlorobenzene                   | ND     |           | 12  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 2-Butanone                            | ND     |           | 18  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 2-Hexanone                            | ND     |           | 25  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 4-Ethyltoluene                        | ND     |           | 9.8 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| 4-Methyl-2-pentanone                  | ND     |           | 25  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Acetone                               | 22     |           | 19  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Benzene                               | ND     |           | 6.4 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Benzyl chloride                       | ND     |           | 31  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Bromodichloromethane                  | ND     |           | 13  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Bromoform                             | ND     |           | 21  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Bromomethane                          | ND     |           | 7.8 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| cis-1,2-Dichloroethene                | ND     |           | 7.9 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| cis-1,3-Dichloropropene               | ND     |           | 9.1 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Carbon disulfide                      | ND     |           | 25  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Carbon tetrachloride                  | ND     |           | 13  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Chlorobenzene                         | ND     |           | 9.2 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Chloroethane                          | ND     |           | 5.3 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Chloroform                            | ND     |           | 9.8 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Chloromethane                         | ND     |           | 4.1 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Dibromochloromethane                  | ND     |           | 17  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Dichlorodifluoromethane               | ND     |           | 9.9 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Dichlorotetrafluoroethane             | ND     |           | 56  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Ethylbenzene                          | ND     |           | 8.7 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Hexachloro-1,3-butadiene              | ND     |           | 64  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Isopropanol                           | ND     |           | 49  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Methylene Chloride                    | ND     |           | 69  | ug/m3 |   |          | 01/26/20 02:39 | 4       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-11-5**  
**Date Collected: 01/20/20 12:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-22**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 29  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| n-Butylbenzene              | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| o-Xylene                    | ND          |           | 8.7 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| m,p-Xylene                  | ND          |           | 35  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| sec-Butylbenzene            | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Styrene                     | ND          |           | 26  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| trans-1,2-Dichloroethene    | ND          |           | 7.9 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| trans-1,3-Dichloropropene   | ND          |           | 18  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| tert-Butylbenzene           | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| <b>Tetrachloroethene</b>    | <b>1400</b> |           | 14  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Toluene                     | ND          |           | 7.5 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Trichloroethene             | ND          |           | 11  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Trichlorofluoromethane      | ND          |           | 22  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Vinyl acetate               | ND          |           | 28  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Vinyl chloride              | ND          |           | 5.1 | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| tert-Butyl alcohol (TBA)    | ND          |           | 24  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Ethyl-t-butyl ether (ETBE)  | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Di-isopropyl ether (DIPE)   | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Ethanol                     | ND          |           | 38  | ug/m3 |   |          | 01/26/20 02:39 | 4       |
| Tert-amyl methyl ether      | ND          |           | 33  | ug/m3 |   |          | 01/26/20 02:39 | 4       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 98        |           | 67 - 133 |          | 01/26/20 02:39 | 4       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 98        |           | 68 - 134 |          | 01/26/20 02:39 | 4       |
| <i>Toluene-d8 (Surr)</i>            | 99        |           | 70 - 130 |          | 01/26/20 02:39 | 4       |

**Client Sample ID: SV-11-15**  
**Date Collected: 01/20/20 12:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-23**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 7.1 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 18  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 30  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1,2-Trichloroethane                 | ND     |           | 7.1 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1-Dichloroethane                    | ND     |           | 5.3 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1-Dichloroethene                    | ND     |           | 5.2 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,1-Difluoroethane                    | ND     |           | 14  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2,4-Trichlorobenzene                | ND     |           | 39  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2,4-Trimethylbenzene                | ND     |           | 19  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 38  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2-Dibromoethane                     | ND     |           | 10  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2-Dichlorobenzene                   | ND     |           | 7.8 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2-Dichloroethane                    | ND     |           | 5.3 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,2-Dichloropropane                   | ND     |           | 6.0 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,3,5-Trimethylbenzene                | ND     |           | 6.4 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,3-Dichlorobenzene                   | ND     |           | 7.8 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 1,4-Dichlorobenzene                   | ND     |           | 7.8 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 2-Butanone                            | ND     |           | 12  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 2-Hexanone                            | ND     |           | 16  | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |
| 4-Ethyltoluene                        | ND     |           | 6.4 | ug/m3 |   |          | 01/26/20 03:30 | 2.61    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-11-15**  
**Date Collected: 01/20/20 12:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-23**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| 4-Methyl-2-pentanone         | ND               |                  | 16            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| <b>Acetone</b>               | <b>26</b>        |                  | 12            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Benzene                      | ND               |                  | 4.2           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Benzyl chloride              | ND               |                  | 20            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Bromodichloromethane         | ND               |                  | 8.7           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Bromoform                    | ND               |                  | 13            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Bromomethane                 | ND               |                  | 5.1           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| cis-1,2-Dichloroethene       | ND               |                  | 5.2           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| cis-1,3-Dichloropropene      | ND               |                  | 5.9           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Carbon disulfide             | ND               |                  | 16            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Carbon tetrachloride         | ND               |                  | 8.2           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Chlorobenzene                | ND               |                  | 6.0           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Chloroethane                 | ND               |                  | 3.4           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Chloroform                   | ND               |                  | 6.4           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Chloromethane                | ND               |                  | 2.7           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Dibromochloromethane         | ND               |                  | 11            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Dichlorodifluoromethane      | ND               |                  | 6.5           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Dichlorotetrafluoroethane    | ND               |                  | 36            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Ethylbenzene                 | ND               |                  | 5.7           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Hexachloro-1,3-butadiene     | ND               |                  | 42            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Isopropanol                  | ND               |                  | 32            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Methylene Chloride           | ND               |                  | 45            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Methyl-t-Butyl Ether (MTBE)  | ND               |                  | 19            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| n-Butylbenzene               | ND               |                  | 21            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| o-Xylene                     | ND               |                  | 5.7           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| m,p-Xylene                   | ND               |                  | 23            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| sec-Butylbenzene             | ND               |                  | 21            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Styrene                      | ND               |                  | 17            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| trans-1,2-Dichloroethene     | ND               |                  | 5.2           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| trans-1,3-Dichloropropene    | ND               |                  | 12            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| tert-Butylbenzene            | ND               |                  | 21            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| <b>Tetrachloroethene</b>     | <b>210</b>       |                  | 8.9           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Toluene                      | ND               |                  | 4.9           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Trichloroethene              | ND               |                  | 7.0           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Trichlorofluoromethane       | ND               |                  | 15            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Vinyl acetate                | ND               |                  | 18            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Vinyl chloride               | ND               |                  | 3.3           | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| tert-Butyl alcohol (TBA)     | ND               |                  | 16            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Ethyl-t-butyl ether (ETBE)   | ND               |                  | 22            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Di-isopropyl ether (DIPE)    | ND               |                  | 22            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Ethanol                      | ND               |                  | 25            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| Tert-amyl methyl ether       | ND               |                  | 22            | ug/m3 |   |                 | 01/26/20 03:30  | 2.61           |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 101              |                  | 67 - 133      |       |   |                 | 01/26/20 03:30  | 2.61           |
| 4-Bromofluorobenzene (Surr)  | 99               |                  | 68 - 134      |       |   |                 | 01/26/20 03:30  | 2.61           |
| Toluene-d8 (Surr)            | 100              |                  | 70 - 130      |       |   |                 | 01/26/20 03:30  | 2.61           |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Client Sample ID: SV-12-5**  
**Date Collected: 01/20/20 11:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-24**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 8.3 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 21  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 35  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1,2-Trichloroethane                 | ND        |           | 8.3 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1-Dichloroethane                    | ND        |           | 6.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1-Dichloroethene                    | ND        |           | 6.1 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,1-Difluoroethane                    | ND        |           | 17  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2,4-Trichlorobenzene                | ND        |           | 45  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2,4-Trimethylbenzene                | ND        |           | 23  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 44  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2-Dibromoethane                     | ND        |           | 12  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2-Dichlorobenzene                   | ND        |           | 9.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2-Dichloroethane                    | ND        |           | 6.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,2-Dichloropropane                   | ND        |           | 7.1 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,3,5-Trimethylbenzene                | ND        |           | 7.5 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,3-Dichlorobenzene                   | ND        |           | 9.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 1,4-Dichlorobenzene                   | ND        |           | 9.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 2-Butanone                            | ND        |           | 14  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 2-Hexanone                            | ND        |           | 19  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 4-Ethyltoluene                        | ND        |           | 7.5 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| 4-Methyl-2-pentanone                  | ND        |           | 19  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| <b>Acetone</b>                        | <b>22</b> |           | 15  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Benzene                               | ND        |           | 4.9 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Benzyl chloride                       | ND        |           | 24  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Bromodichloromethane                  | ND        |           | 10  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Bromoform                             | ND        |           | 16  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Bromomethane                          | ND        |           | 5.9 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| cis-1,2-Dichloroethene                | ND        |           | 6.1 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| cis-1,3-Dichloropropene               | ND        |           | 6.9 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Carbon disulfide                      | ND        |           | 19  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Carbon tetrachloride                  | ND        |           | 9.6 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Chlorobenzene                         | ND        |           | 7.0 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Chloroethane                          | ND        |           | 4.0 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Chloroform                            | ND        |           | 7.5 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Chloromethane                         | ND        |           | 3.2 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Dibromochloromethane                  | ND        |           | 13  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Dichlorodifluoromethane               | ND        |           | 7.6 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Dichlorotetrafluoroethane             | ND        |           | 43  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Ethylbenzene                          | ND        |           | 6.6 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Hexachloro-1,3-butadiene              | ND        |           | 49  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Isopropanol                           | ND        |           | 38  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Methylene Chloride                    | ND        |           | 53  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Methyl-t-Butyl Ether (MTBE)           | ND        |           | 22  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| n-Butylbenzene                        | ND        |           | 25  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| o-Xylene                              | ND        |           | 6.6 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| m,p-Xylene                            | ND        |           | 27  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| sec-Butylbenzene                      | ND        |           | 25  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| Styrene                               | ND        |           | 20  | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |
| trans-1,2-Dichloroethene              | ND        |           | 6.1 | ug/m3 |   |          | 01/26/20 04:20 | 3.06    |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-12-5**  
**Date Collected: 01/20/20 11:50**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-24**  
**Matrix: Air**

| Analyte                             | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| trans-1,3-Dichloropropene           | ND               |                  | 14            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| tert-Butylbenzene                   | ND               |                  | 25            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| <b>Tetrachloroethene</b>            | <b>1100</b>      |                  | 10            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Toluene                             | ND               |                  | 5.8           | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Trichloroethene                     | ND               |                  | 8.2           | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Trichlorofluoromethane              | ND               |                  | 17            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Vinyl acetate                       | ND               |                  | 22            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Vinyl chloride                      | ND               |                  | 3.9           | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| tert-Butyl alcohol (TBA)            | ND               |                  | 19            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Ethyl-t-butyl ether (ETBE)          | ND               |                  | 26            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Di-isopropyl ether (DIPE)           | ND               |                  | 26            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Ethanol                             | ND               |                  | 29            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| Tert-amyl methyl ether              | ND               |                  | 26            | ug/m3 |   |                 | 01/26/20 04:20  | 3.06           |
| <b>Surrogate</b>                    | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 101              |                  | 67 - 133      |       |   |                 | 01/26/20 04:20  | 3.06           |
| <i>4-Bromofluorobenzene (Surr)</i>  | 100              |                  | 68 - 134      |       |   |                 | 01/26/20 04:20  | 3.06           |
| <i>Toluene-d8 (Surr)</i>            | 98               |                  | 70 - 130      |       |   |                 | 01/26/20 04:20  | 3.06           |

**Client Sample ID: SV-12-15**  
**Date Collected: 01/20/20 11:51**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-25**  
**Matrix: Air**

| Analyte                               | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 6.9 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 11  | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 2.7 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,1-Difluoroethane                    | ND         |           | 5.4 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 15  | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2,4-Trimethylbenzene                | ND         |           | 7.4 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 14  | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 3.8 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 2.3 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,3,5-Trimethylbenzene                | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| <b>2-Butanone</b>                     | <b>6.6</b> |           | 4.4 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 2-Hexanone                            | ND         |           | 6.1 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 4-Ethyltoluene                        | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| 4-Methyl-2-pentanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| <b>Acetone</b>                        | <b>35</b>  |           | 4.8 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| Benzene                               | ND         |           | 1.6 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| Benzyl chloride                       | ND         |           | 7.8 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| Bromodichloromethane                  | ND         |           | 3.4 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| Bromoform                             | ND         |           | 5.2 | ug/m3 |   |          | 01/26/20 05:12 | 1       |
| Bromomethane                          | ND         |           | 1.9 | ug/m3 |   |          | 01/26/20 05:12 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-12-15**  
**Date Collected: 01/20/20 11:51**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-25**  
**Matrix: Air**

| Analyte                             | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>cis-1,2-Dichloroethene</b>       | 2.7              |                  | 2.0           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| cis-1,3-Dichloropropene             | ND               |                  | 2.3           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Carbon disulfide                    | ND               |                  | 6.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Carbon tetrachloride                | ND               |                  | 3.1           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Chlorobenzene                       | ND               |                  | 2.3           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Chloroethane                        | ND               |                  | 1.3           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Chloroform                          | ND               |                  | 2.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Chloromethane                       | ND               |                  | 1.0           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Dibromochloromethane                | ND               |                  | 4.3           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Dichlorodifluoromethane             | ND               |                  | 2.5           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Dichlorotetrafluoroethane           | ND               |                  | 14            | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Ethylbenzene                        | ND               |                  | 2.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Hexachloro-1,3-butadiene            | ND               |                  | 16            | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Isopropanol</b>                  | 23               |                  | 12            | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Methylene Chloride                  | ND               |                  | 17            | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Methyl-t-Butyl Ether (MTBE)         | ND               |                  | 7.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| n-Butylbenzene                      | ND               |                  | 8.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| o-Xylene                            | ND               |                  | 2.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| m,p-Xylene                          | ND               |                  | 8.7           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| sec-Butylbenzene                    | ND               |                  | 8.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Styrene                             | ND               |                  | 6.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>trans-1,2-Dichloroethene</b>     | 4.1              |                  | 2.0           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| trans-1,3-Dichloropropene           | ND               |                  | 4.5           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| tert-Butylbenzene                   | ND               |                  | 8.2           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Tetrachloroethene</b>            | 610              |                  | 3.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Toluene</b>                      | 5.4              |                  | 1.9           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Trichloroethene</b>              | 170              |                  | 2.7           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Trichlorofluoromethane              | ND               |                  | 5.6           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Vinyl acetate                       | ND               |                  | 7.0           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Vinyl chloride                      | ND               |                  | 1.3           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| tert-Butyl alcohol (TBA)            | ND               |                  | 6.1           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Ethyl-t-butyl ether (ETBE)          | ND               |                  | 8.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Di-isopropyl ether (DIPE)           | ND               |                  | 8.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Ethanol</b>                      | 27               |                  | 9.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| Tert-amyl methyl ether              | ND               |                  | 8.4           | ug/m3 |   |                 | 01/26/20 05:12  | 1              |
| <b>Surrogate</b>                    | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 102              |                  | 67 - 133      |       |   |                 | 01/26/20 05:12  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i>  | 100              |                  | 68 - 134      |       |   |                 | 01/26/20 05:12  | 1              |
| <i>Toluene-d8 (Surr)</i>            | 99               |                  | 70 - 130      |       |   |                 | 01/26/20 05:12  | 1              |

**Client Sample ID: SV-13-5**  
**Date Collected: 01/20/20 11:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-26**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 6.9 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 11  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.7 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-13-5**  
**Date Collected: 01/20/20 11:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-26**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1-Dichloroethene          | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,1-Difluoroethane          | ND         |           | 5.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2,4-Trichlorobenzene      | ND         |           | 15  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2,4-Trimethylbenzene      | ND         |           | 7.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND         |           | 14  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2-Dibromoethane           | ND         |           | 3.8 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2-Dichloroethane          | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,2-Dichloropropane         | ND         |           | 2.3 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,3,5-Trimethylbenzene      | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,3-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 1,4-Dichlorobenzene         | ND         |           | 3.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 2-Butanone                  | ND         |           | 4.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 2-Hexanone                  | ND         |           | 6.1 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 4-Ethyltoluene              | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| 4-Methyl-2-pentanone        | ND         |           | 6.1 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Acetone</b>              | <b>24</b>  |           | 4.8 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Benzene                     | ND         |           | 1.6 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Benzyl chloride             | ND         |           | 7.8 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Bromodichloromethane        | ND         |           | 3.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Bromoform                   | ND         |           | 5.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Bromomethane                | ND         |           | 1.9 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| cis-1,2-Dichloroethene      | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| cis-1,3-Dichloropropene     | ND         |           | 2.3 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Carbon disulfide            | ND         |           | 6.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Carbon tetrachloride        | ND         |           | 3.1 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Chlorobenzene               | ND         |           | 2.3 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Chloroethane                | ND         |           | 1.3 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Chloroform                  | ND         |           | 2.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Chloromethane               | ND         |           | 1.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Dibromochloromethane        | ND         |           | 4.3 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Dichlorodifluoromethane     | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Dichlorotetrafluoroethane   | ND         |           | 14  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Ethylbenzene                | ND         |           | 2.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Hexachloro-1,3-butadiene    | ND         |           | 16  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Isopropanol</b>          | <b>14</b>  |           | 12  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Methylene Chloride          | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 7.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| n-Butylbenzene              | ND         |           | 8.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| o-Xylene                    | ND         |           | 2.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| m,p-Xylene                  | ND         |           | 8.7 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| sec-Butylbenzene            | ND         |           | 8.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Styrene                     | ND         |           | 6.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| trans-1,2-Dichloroethene    | ND         |           | 2.0 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| trans-1,3-Dichloropropene   | ND         |           | 4.5 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| tert-Butylbenzene           | ND         |           | 8.2 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Tetrachloroethene</b>    | <b>540</b> |           | 3.4 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Toluene</b>              | <b>4.3</b> |           | 1.9 | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Trichloroethene</b>      | <b>3.7</b> |           | 2.7 | ug/m3 |   |          | 01/26/20 06:03 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-13-5**  
**Date Collected: 01/20/20 11:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-26**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Trichlorofluoromethane       | ND        |           | 5.6      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Vinyl acetate                | ND        |           | 7.0      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Vinyl chloride               | ND        |           | 1.3      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| tert-Butyl alcohol (TBA)     | ND        |           | 6.1      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Ethyl-t-butyl ether (ETBE)   | ND        |           | 8.4      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Di-isopropyl ether (DIPE)    | ND        |           | 8.4      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| <b>Ethanol</b>               | <b>18</b> |           | 9.4      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Tert-amyl methyl ether       | ND        |           | 8.4      | ug/m3 |   |          | 01/26/20 06:03 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 67 - 133 |       |   |          | 01/26/20 06:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 68 - 134 |       |   |          | 01/26/20 06:03 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |       |   |          | 01/26/20 06:03 | 1       |

**Client Sample ID: SV-13-15**  
**Date Collected: 01/20/20 11:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-27**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 5.6 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 14  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 24  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1,2-Trichloroethane                 | ND        |           | 5.6 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1-Dichloroethane                    | ND        |           | 4.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1-Dichloroethene                    | ND        |           | 4.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,1-Difluoroethane                    | ND        |           | 11  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2,4-Trichlorobenzene                | ND        |           | 30  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2,4-Trimethylbenzene                | ND        |           | 15  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 30  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2-Dibromoethane                     | ND        |           | 7.9 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2-Dichlorobenzene                   | ND        |           | 6.2 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2-Dichloroethane                    | ND        |           | 4.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,2-Dichloropropane                   | ND        |           | 4.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,3,5-Trimethylbenzene                | ND        |           | 5.0 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,3-Dichlorobenzene                   | ND        |           | 6.2 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 1,4-Dichlorobenzene                   | ND        |           | 6.2 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 2-Butanone                            | ND        |           | 9.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 2-Hexanone                            | ND        |           | 13  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 4-Ethyltoluene                        | ND        |           | 5.0 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| 4-Methyl-2-pentanone                  | ND        |           | 13  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| <b>Acetone</b>                        | <b>23</b> |           | 9.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Benzene                               | ND        |           | 3.3 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Benzyl chloride                       | ND        |           | 16  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Bromodichloromethane                  | ND        |           | 6.9 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Bromoform                             | ND        |           | 11  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Bromomethane                          | ND        |           | 4.0 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| cis-1,2-Dichloroethene                | ND        |           | 4.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| cis-1,3-Dichloropropene               | ND        |           | 4.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Carbon disulfide                      | ND        |           | 13  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Carbon tetrachloride                  | ND        |           | 6.4 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Chlorobenzene                         | ND        |           | 4.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-13-15**  
**Date Collected: 01/20/20 11:12**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-27**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| Chloroethane                | ND         |           | 2.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Chloroform                  | ND         |           | 5.0 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Chloromethane               | ND         |           | 2.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Dibromochloromethane        | ND         |           | 8.7 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Dichlorodifluoromethane     | ND         |           | 5.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Dichlorotetrafluoroethane   | ND         |           | 29  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Ethylbenzene                | ND         |           | 4.5 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Hexachloro-1,3-butadiene    | ND         |           | 33  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Isopropanol                 | ND         |           | 25  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Methylene Chloride          | ND         |           | 36  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 15  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| n-Butylbenzene              | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| o-Xylene                    | ND         |           | 4.5 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| m,p-Xylene                  | ND         |           | 18  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| sec-Butylbenzene            | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Styrene                     | ND         |           | 13  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| trans-1,2-Dichloroethene    | ND         |           | 4.1 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| trans-1,3-Dichloropropene   | ND         |           | 9.3 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| tert-Butylbenzene           | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| <b>Tetrachloroethene</b>    | <b>400</b> |           | 7.0 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Toluene                     | ND         |           | 3.9 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Trichloroethene             | ND         |           | 5.5 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Trichlorofluoromethane      | ND         |           | 12  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Vinyl acetate               | ND         |           | 14  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Vinyl chloride              | ND         |           | 2.6 | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| tert-Butyl alcohol (TBA)    | ND         |           | 12  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Di-isopropyl ether (DIPE)   | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Ethanol                     | ND         |           | 19  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |
| Tert-amyl methyl ether      | ND         |           | 17  | ug/m3 |   |          | 01/26/20 06:56 | 2.05    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 67 - 133 |          | 01/26/20 06:56 | 2.05    |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 68 - 134 |          | 01/26/20 06:56 | 2.05    |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 01/26/20 06:56 | 2.05    |

**Client Sample ID: SV-14-5**  
**Date Collected: 01/20/20 11:00**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-28**  
**Matrix: Air**

| Analyte                               | Result | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 6.7 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 17  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 28  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1,2-Trichloroethane                 | ND     |           | 6.7 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1-Dichloroethane                    | ND     |           | 5.0 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1-Dichloroethene                    | ND     |           | 4.9 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,1-Difluoroethane                    | ND     |           | 13  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2,4-Trichlorobenzene                | ND     |           | 37  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2,4-Trimethylbenzene                | ND     |           | 18  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 36  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-14-5**  
**Date Collected: 01/20/20 11:00**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-28**  
**Matrix: Air**

| Analyte                     | Result     | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-------|---|----------|----------------|---------|
| 1,2-Dibromoethane           | ND         |           | 9.5 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2-Dichlorobenzene         | ND         |           | 7.4 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2-Dichloroethane          | ND         |           | 5.0 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,2-Dichloropropane         | ND         |           | 5.7 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,3,5-Trimethylbenzene      | ND         |           | 6.0 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,3-Dichlorobenzene         | ND         |           | 7.4 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 1,4-Dichlorobenzene         | ND         |           | 7.4 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 2-Butanone                  | ND         |           | 11  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 2-Hexanone                  | ND         |           | 15  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 4-Ethyltoluene              | ND         |           | 6.0 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| 4-Methyl-2-pentanone        | ND         |           | 15  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| <b>Acetone</b>              | <b>28</b>  |           | 12  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Benzene                     | ND         |           | 3.9 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Benzyl chloride             | ND         |           | 19  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Bromodichloromethane        | ND         |           | 8.2 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Bromoform                   | ND         |           | 13  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Bromomethane                | ND         |           | 4.8 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| cis-1,2-Dichloroethene      | ND         |           | 4.9 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| cis-1,3-Dichloropropene     | ND         |           | 5.6 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Carbon disulfide            | ND         |           | 15  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Carbon tetrachloride        | ND         |           | 7.7 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Chlorobenzene               | ND         |           | 5.7 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Chloroethane                | ND         |           | 3.2 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Chloroform                  | ND         |           | 6.0 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Chloromethane               | ND         |           | 2.5 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Dibromochloromethane        | ND         |           | 10  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Dichlorodifluoromethane     | ND         |           | 6.1 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Dichlorotetrafluoroethane   | ND         |           | 34  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Ethylbenzene                | ND         |           | 5.3 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Hexachloro-1,3-butadiene    | ND         |           | 39  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Isopropanol                 | ND         |           | 30  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Methylene Chloride          | ND         |           | 43  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 18  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| n-Butylbenzene              | ND         |           | 20  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| o-Xylene                    | ND         |           | 5.3 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| m,p-Xylene                  | ND         |           | 21  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| sec-Butylbenzene            | ND         |           | 20  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Styrene                     | ND         |           | 16  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| trans-1,2-Dichloroethene    | ND         |           | 4.9 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| trans-1,3-Dichloropropene   | ND         |           | 11  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| tert-Butylbenzene           | ND         |           | 20  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| <b>Tetrachloroethene</b>    | <b>220</b> |           | 8.3 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| <b>Toluene</b>              | <b>7.5</b> |           | 4.6 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Trichloroethene             | ND         |           | 6.6 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Trichlorofluoromethane      | ND         |           | 14  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Vinyl acetate               | ND         |           | 17  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Vinyl chloride              | ND         |           | 3.1 | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| tert-Butyl alcohol (TBA)    | ND         |           | 15  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 21  | ug/m3 |   |          | 01/26/20 07:47 | 2.46    |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-14-5**  
**Date Collected: 01/20/20 11:00**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-28**  
**Matrix: Air**

| Analyte                             | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Di-isopropyl ether (DIPE)           | ND               |                  | 21            | ug/m3 |   |                 | 01/26/20 07:47  | 2.46           |
| Ethanol                             | ND               |                  | 23            | ug/m3 |   |                 | 01/26/20 07:47  | 2.46           |
| Tert-amyl methyl ether              | ND               |                  | 21            | ug/m3 |   |                 | 01/26/20 07:47  | 2.46           |
| <b>Surrogate</b>                    | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 104              |                  | 67 - 133      |       |   |                 | 01/26/20 07:47  | 2.46           |
| <i>4-Bromofluorobenzene (Surr)</i>  | 98               |                  | 68 - 134      |       |   |                 | 01/26/20 07:47  | 2.46           |
| <i>Toluene-d8 (Surr)</i>            | 99               |                  | 70 - 130      |       |   |                 | 01/26/20 07:47  | 2.46           |

**Client Sample ID: SV-14-15**  
**Date Collected: 01/20/20 11:01**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-29**  
**Matrix: Air**

| Analyte                               | Result    | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND        |           | 6.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 16  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 27  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1,2-Trichloroethane                 | ND        |           | 6.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1-Dichloroethane                    | ND        |           | 4.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1-Dichloroethene                    | ND        |           | 4.7 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,1-Difluoroethane                    | ND        |           | 13  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2,4-Trichlorobenzene                | ND        |           | 35  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2,4-Trimethylbenzene                | ND        |           | 17  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 34  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2-Dibromoethane                     | ND        |           | 9.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2-Dichlorobenzene                   | ND        |           | 7.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2-Dichloroethane                    | ND        |           | 4.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,2-Dichloropropane                   | ND        |           | 5.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,3,5-Trimethylbenzene                | ND        |           | 5.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,3-Dichlorobenzene                   | ND        |           | 7.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 1,4-Dichlorobenzene                   | ND        |           | 7.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 2-Butanone                            | ND        |           | 10  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 2-Hexanone                            | ND        |           | 15  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 4-Ethyltoluene                        | ND        |           | 5.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| 4-Methyl-2-pentanone                  | ND        |           | 15  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| <b>Acetone</b>                        | <b>19</b> |           | 11  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Benzene                               | ND        |           | 3.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Benzyl chloride                       | ND        |           | 18  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Bromodichloromethane                  | ND        |           | 7.9 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Bromoform                             | ND        |           | 12  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Bromomethane                          | ND        |           | 4.6 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| cis-1,2-Dichloroethene                | ND        |           | 4.7 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| cis-1,3-Dichloropropene               | ND        |           | 5.4 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Carbon disulfide                      | ND        |           | 15  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Carbon tetrachloride                  | ND        |           | 7.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Chlorobenzene                         | ND        |           | 5.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Chloroethane                          | ND        |           | 3.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Chloroform                            | ND        |           | 5.8 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Chloromethane                         | ND        |           | 2.4 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Dibromochloromethane                  | ND        |           | 10  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Dichlorodifluoromethane               | ND        |           | 5.9 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Client Sample ID: SV-14-15**  
**Date Collected: 01/20/20 11:01**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-29**  
**Matrix: Air**

| Analyte                     | Result      | Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-------|---|----------|----------------|---------|
| Dichlorotetrafluoroethane   | ND          |           | 33  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Ethylbenzene                | ND          |           | 5.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Hexachloro-1,3-butadiene    | ND          |           | 38  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Isopropanol                 | ND          |           | 29  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Methylene Chloride          | ND          |           | 41  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Methyl-t-Butyl Ether (MTBE) | ND          |           | 17  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| n-Butylbenzene              | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| o-Xylene                    | ND          |           | 5.1 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| m,p-Xylene                  | ND          |           | 21  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| sec-Butylbenzene            | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Styrene                     | ND          |           | 15  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| trans-1,2-Dichloroethene    | ND          |           | 4.7 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| trans-1,3-Dichloropropene   | ND          |           | 11  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| tert-Butylbenzene           | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| <b>Tetrachloroethene</b>    | <b>1100</b> |           | 8.0 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Toluene                     | ND          |           | 4.5 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| <b>Trichloroethene</b>      | <b>45</b>   |           | 6.4 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Trichlorofluoromethane      | ND          |           | 13  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Vinyl acetate               | ND          |           | 17  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Vinyl chloride              | ND          |           | 3.0 | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| tert-Butyl alcohol (TBA)    | ND          |           | 14  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Ethyl-t-butyl ether (ETBE)  | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Di-isopropyl ether (DIPE)   | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Ethanol                     | ND          |           | 22  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |
| Tert-amyl methyl ether      | ND          |           | 20  | ug/m3 |   |          | 01/26/20 08:40 | 2.37    |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 67 - 133 |          | 01/26/20 08:40 | 2.37    |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 68 - 134 |          | 01/26/20 08:40 | 2.37    |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 01/26/20 08:40 | 2.37    |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

**Client Sample ID: SV-2-5**  
**Date Collected: 01/20/20 08:11**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-3**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Tetrachloroethene</b>     | <b>1100</b>      |                  | 21            | ug/m3 |   |                 | 01/26/20 17:01  | 6.23           |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 99               |                  | 67 - 133      |       |   |                 | 01/26/20 17:01  | 6.23           |
| 4-Bromofluorobenzene (Surr)  | 86               |                  | 68 - 134      |       |   |                 | 01/26/20 17:01  | 6.23           |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |       |   |                 | 01/26/20 17:01  | 6.23           |

**Client Sample ID: SV-3-5**  
**Date Collected: 01/20/20 08:38**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-5**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Tetrachloroethene</b>     | <b>3000</b>      |                  | 34            | ug/m3 |   |                 | 01/26/20 17:47  | 10.12          |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 99               |                  | 67 - 133      |       |   |                 | 01/26/20 17:47  | 10.12          |
| 4-Bromofluorobenzene (Surr)  | 82               |                  | 68 - 134      |       |   |                 | 01/26/20 17:47  | 10.12          |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |       |   |                 | 01/26/20 17:47  | 10.12          |

**Client Sample ID: SV-3-11**  
**Date Collected: 01/20/20 08:39**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-6**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Tetrachloroethene</b>     | <b>1500</b>      |                  | 12            | ug/m3 |   |                 | 01/26/20 18:36  | 3.625          |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 99               |                  | 67 - 133      |       |   |                 | 01/26/20 18:36  | 3.625          |
| 4-Bromofluorobenzene (Surr)  | 86               |                  | 68 - 134      |       |   |                 | 01/26/20 18:36  | 3.625          |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |       |   |                 | 01/26/20 18:36  | 3.625          |

**Client Sample ID: SV-4-5**  
**Date Collected: 01/20/20 08:56**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-7**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Tetrachloroethene</b>     | <b>980</b>       |                  | 10            | ug/m3 |   |                 | 01/26/20 19:36  | 3.03           |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 100              |                  | 67 - 133      |       |   |                 | 01/26/20 19:36  | 3.03           |
| 4-Bromofluorobenzene (Surr)  | 84               |                  | 68 - 134      |       |   |                 | 01/26/20 19:36  | 3.03           |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |       |   |                 | 01/26/20 19:36  | 3.03           |

**Client Sample ID: SV-5-5**  
**Date Collected: 01/20/20 09:23**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-9**  
**Matrix: Air**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Tetrachloroethene</b>     | <b>690</b>       |                  | 8.4           | ug/m3 |   |                 | 01/26/20 20:26  | 2.47           |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 100              |                  | 67 - 133      |       |   |                 | 01/26/20 20:26  | 2.47           |
| 4-Bromofluorobenzene (Surr)  | 86               |                  | 68 - 134      |       |   |                 | 01/26/20 20:26  | 2.47           |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |       |   |                 | 01/26/20 20:26  | 2.47           |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

**Client Sample ID: SV-5-15**  
**Date Collected: 01/20/20 09:24**  
**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-10**  
**Matrix: Air**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------|----------------|---------|
| Tetrachloroethene            | 760       |           | 8.4      | ug/m3 | - |          | 01/26/20 21:16 | 2.49    |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 67 - 133 |       |   |          | 01/26/20 21:16 | 2.49    |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 68 - 134 |       |   |          | 01/26/20 21:16 | 2.49    |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |       |   |          | 01/26/20 21:16 | 2.49    |

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# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|--------------------|------------------------|--|-----------------|-----------------|
|                    |                        | DCA<br>(67-133)                                | BFB<br>(68-134) | TOL<br>(70-130) |
| 570-18467-1        | SV-1-15                | 106  | 111             | 101             |
| 570-18467-2        | SV-1-5                 | 109  | 110             | 105             |
| 570-18467-3        | SV-2-5                 | 106  | 109             | 100             |
| 570-18467-3 - DL   | SV-2-5                 | 99   | 86              | 97              |
| 570-18467-4        | SV-2-15                | 105  | 110             | 99              |
| 570-18467-5        | SV-3-5                 | 104  | 109             | 100             |
| 570-18467-5 - DL   | SV-3-5                 | 99   | 82              | 97              |
| 570-18467-6        | SV-3-11                | 105  | 110             | 99              |
| 570-18467-6 - DL   | SV-3-11                | 99   | 86              | 98              |
| 570-18467-7        | SV-4-5                 | 105  | 112             | 99              |
| 570-18467-7 - DL   | SV-4-5                 | 100  | 84              | 98              |
| 570-18467-8        | SV-4-15                | 104  | 112             | 100             |
| 570-18467-9        | SV-5-5                 | 105  | 111             | 100             |
| 570-18467-9 - DL   | SV-5-5                 | 100  | 86              | 98              |
| 570-18467-10       | SV-5-15                | 105  | 113             | 100             |
| 570-18467-10 - DL  | SV-5-15                | 101  | 89              | 99              |
| 570-18467-11       | SV-6-5                 | 105  | 105             | 100             |
| 570-18467-12       | SV-6-15                | 96   | 99              | 100             |
| 570-18467-13       | SV-7-5                 | 97   | 99              | 101             |
| 570-18467-14       | SV-7-15                | 99   | 100             | 100             |
| 570-18467-15       | AA_20200120            | 100  | 98              | 99              |
| 570-18467-16       | SV-8-5                 | 101  | 99              | 99              |
| 570-18467-17       | SV-8-15                | 101  | 98              | 100             |
| 570-18467-18       | SV-9-5                 | 98   | 99              | 98              |
| 570-18467-19       | SV-9-15                | 97   | 98              | 100             |
| 570-18467-20       | SV-10-5                | 97   | 98              | 100             |
| 570-18467-21       | SV-10-15               | 100  | 97              | 100             |
| 570-18467-22       | SV-11-5                | 98   | 98              | 99              |
| 570-18467-23       | SV-11-15               | 101  | 99              | 100             |
| 570-18467-24       | SV-12-5                | 101  | 100             | 98              |
| 570-18467-25       | SV-12-15               | 102  | 100             | 99              |
| 570-18467-26       | SV-13-5                | 102  | 100             | 99              |
| 570-18467-27       | SV-13-15               | 102  | 99              | 99              |
| 570-18467-28       | SV-14-5                | 104  | 98              | 99              |
| 570-18467-29       | SV-14-15               | 99   | 100             | 99              |
| LCS 570-45987/1010 | Lab Control Sample     | 98   | 100             | 101             |
| LCS 570-46631/3    | Lab Control Sample     | 98   | 106             | 101             |
| LCS 570-47002/3    | Lab Control Sample     | 94   | 97              | 99              |
| LCSD 570-45987/11  | Lab Control Sample Dup | 98   | 99              | 101             |
| LCSD 570-46631/4   | Lab Control Sample Dup | 97   | 105             | 101             |
| LCSD 570-47002/4   | Lab Control Sample Dup | 94   | 97              | 99              |
| MB 570-45987/16    | Method Blank           | 103  | 98              | 100             |
| MB 570-46631/5     | Method Blank           | 101  | 83              | 97              |
| MB 570-47002/7     | Method Blank           | 96   | 97              | 101             |

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 570-45987/16**

**Matrix: Air**

**Analysis Batch: 45987**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

| Analyte                               | MB<br>Result | MB<br>Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND           |                 | 6.9 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |                 | 11  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1,2-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1-Dichloroethene                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,1-Difluoroethane                    | ND           |                 | 5.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2,4-Trichlorobenzene                | ND           |                 | 15  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2,4-Trimethylbenzene                | ND           |                 | 7.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND           |                 | 14  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2-Dibromoethane                     | ND           |                 | 3.8 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,2-Dichloropropane                   | ND           |                 | 2.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,3,5-Trimethylbenzene                | ND           |                 | 2.5 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,3-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 1,4-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 2-Butanone                            | ND           |                 | 4.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 2-Hexanone                            | ND           |                 | 6.1 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 4-Ethyltoluene                        | ND           |                 | 2.5 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| 4-Methyl-2-pentanone                  | ND           |                 | 6.1 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Acetone                               | ND           |                 | 4.8 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Benzene                               | ND           |                 | 1.6 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Benzyl chloride                       | ND           |                 | 7.8 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Bromodichloromethane                  | ND           |                 | 3.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Bromoform                             | ND           |                 | 5.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Bromomethane                          | ND           |                 | 1.9 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| cis-1,2-Dichloroethene                | ND           |                 | 2.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| cis-1,3-Dichloropropene               | ND           |                 | 2.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Carbon disulfide                      | ND           |                 | 6.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Carbon tetrachloride                  | ND           |                 | 3.1 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Chlorobenzene                         | ND           |                 | 2.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Chloroethane                          | ND           |                 | 1.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Chloroform                            | ND           |                 | 2.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Chloromethane                         | ND           |                 | 1.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Dibromochloromethane                  | ND           |                 | 4.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Dichlorodifluoromethane               | ND           |                 | 2.5 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Dichlorotetrafluoroethane             | ND           |                 | 14  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Ethylbenzene                          | ND           |                 | 2.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Hexachloro-1,3-butadiene              | ND           |                 | 16  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Isopropanol                           | ND           |                 | 12  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Methylene Chloride                    | ND           |                 | 17  | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Methyl-t-Butyl Ether (MTBE)           | ND           |                 | 7.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| n-Butylbenzene                        | ND           |                 | 8.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| o-Xylene                              | ND           |                 | 2.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| m,p-Xylene                            | ND           |                 | 8.7 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| sec-Butylbenzene                      | ND           |                 | 8.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Styrene                               | ND           |                 | 6.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |

Eurofins Calscience LLC



# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 570-45987/16**  
**Matrix: Air**  
**Analysis Batch: 45987**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                    | MB     | MB        | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
|                            | Result | Qualifier |     |       |   |          |                |         |
| trans-1,2-Dichloroethene   | ND     |           | 2.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| trans-1,3-Dichloropropene  | ND     |           | 4.5 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| tert-Butylbenzene          | ND     |           | 8.2 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Tetrachloroethene          | ND     |           | 3.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Toluene                    | ND     |           | 1.9 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Trichloroethene            | ND     |           | 2.7 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Trichlorofluoromethane     | ND     |           | 5.6 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Vinyl acetate              | ND     |           | 7.0 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Vinyl chloride             | ND     |           | 1.3 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| tert-Butyl alcohol (TBA)   | ND     |           | 6.1 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Ethyl-t-butyl ether (ETBE) | ND     |           | 8.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Di-isopropyl ether (DIPE)  | ND     |           | 8.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Ethanol                    | ND     |           | 9.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |
| Tert-amyl methyl ether     | ND     |           | 8.4 | ug/m3 |   |          | 01/23/20 22:34 | 1       |

| Surrogate                    | MB        | MB        | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 67 - 133 |          | 01/23/20 22:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 68 - 134 |          | 01/23/20 22:34 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 01/23/20 22:34 | 1       |

**Lab Sample ID: LCS 570-45987/1010**  
**Matrix: Air**  
**Analysis Batch: 45987**

**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-Trichloroethane                 | 136         | 134.7      |               | ug/m3 |   | 99   | 70 - 130 |
| 1,1,2,2-Tetrachloroethane             | 172         | 168.2      |               | ug/m3 |   | 98   | 63 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 183.3      |               | ug/m3 |   | 96   | 70 - 136 |
| 1,1,2-Trichloroethane                 | 136         | 143.4      |               | ug/m3 |   | 105  | 70 - 130 |
| 1,1-Dichloroethane                    | 101         | 104.9      |               | ug/m3 |   | 104  | 70 - 130 |
| 1,1-Dichloroethene                    | 99.1        | 92.47      |               | ug/m3 |   | 93   | 70 - 135 |
| 1,1-Difluoroethane                    | 67.5        | 70.28      |               | ug/m3 |   | 104  | 70 - 131 |
| 1,2,4-Trichlorobenzene                | 186         | 170.5      |               | ug/m3 |   | 92   | 31 - 151 |
| 1,2,4-Trimethylbenzene                | 123         | 119.1      |               | ug/m3 |   | 97   | 60 - 132 |
| 1,2-Dibromo-3-Chloropropane           | 242         | 215.6      |               | ug/m3 |   | 89   | 60 - 140 |
| 1,2-Dibromoethane                     | 192         | 195.5      |               | ug/m3 |   | 102  | 70 - 133 |
| 1,2-Dichlorobenzene                   | 150         | 140.6      |               | ug/m3 |   | 94   | 48 - 138 |
| 1,2-Dichloroethane                    | 101         | 101.6      |               | ug/m3 |   | 100  | 70 - 132 |
| 1,2-Dichloropropane                   | 116         | 128.3      |               | ug/m3 |   | 111  | 70 - 130 |
| 1,3,5-Trimethylbenzene                | 123         | 125.5      |               | ug/m3 |   | 102  | 62 - 130 |
| 1,3-Dichlorobenzene                   | 150         | 139.5      |               | ug/m3 |   | 93   | 56 - 134 |
| 1,4-Dichlorobenzene                   | 150         | 141.1      |               | ug/m3 |   | 94   | 52 - 136 |
| 2-Butanone                            | 73.7        | 79.38      |               | ug/m3 |   | 108  | 66 - 132 |
| 2-Hexanone                            | 102         | 113.2      |               | ug/m3 |   | 111  | 70 - 136 |
| 4-Ethyltoluene                        | 123         | 127.4      |               | ug/m3 |   | 104  | 68 - 130 |
| 4-Methyl-2-pentanone                  | 102         | 112.6      |               | ug/m3 |   | 110  | 70 - 130 |
| Acetone                               | 59.4        | 64.80      |               | ug/m3 |   | 109  | 67 - 133 |
| Benzene                               | 79.9        | 91.72      |               | ug/m3 |   | 115  | 70 - 130 |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-45987/1010

Matrix: Air

Analysis Batch: 45987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzyl chloride             | 129         | 118.8      |               | ug/m3 |   | 92   | 38 - 158     |
| Bromodichloromethane        | 168         | 171.7      |               | ug/m3 |   | 102  | 70 - 130     |
| Bromoform                   | 258         | 234.4      |               | ug/m3 |   | 91   | 63 - 147     |
| Bromomethane                | 97.1        | 98.70      |               | ug/m3 |   | 102  | 70 - 139     |
| cis-1,2-Dichloroethene      | 99.1        | 105.0      |               | ug/m3 |   | 106  | 70 - 130     |
| cis-1,3-Dichloropropene     | 113         | 120.6      |               | ug/m3 |   | 106  | 70 - 130     |
| Carbon disulfide            | 77.9        | 86.76      |               | ug/m3 |   | 111  | 68 - 146     |
| Carbon tetrachloride        | 157         | 151.7      |               | ug/m3 |   | 96   | 70 - 136     |
| Chlorobenzene               | 115         | 115.3      |               | ug/m3 |   | 100  | 70 - 130     |
| Chloroethane                | 66.0        | 70.42      |               | ug/m3 |   | 107  | 65 - 149     |
| Chloroform                  | 122         | 117.8      |               | ug/m3 |   | 97   | 70 - 130     |
| Chloromethane               | 51.6        | 57.79      |               | ug/m3 |   | 112  | 69 - 141     |
| Dibromochloromethane        | 213         | 194.3      |               | ug/m3 |   | 91   | 70 - 138     |
| Dichlorodifluoromethane     | 124         | 126.0      |               | ug/m3 |   | 102  | 67 - 139     |
| Dichlorotetrafluoroethane   | 175         | 176.6      |               | ug/m3 |   | 101  | 51 - 135     |
| Ethylbenzene                | 109         | 118.9      |               | ug/m3 |   | 110  | 70 - 130     |
| Hexachloro-1,3-butadiene    | 267         | 220.8      |               | ug/m3 |   | 83   | 44 - 146     |
| Isopropanol                 | 61.5        | 58.61      |               | ug/m3 |   | 95   | 57 - 135     |
| Methylene Chloride          | 86.8        | 78.05      |               | ug/m3 |   | 90   | 69 - 130     |
| Methyl-t-Butyl Ether (MTBE) | 90.1        | 94.32      |               | ug/m3 |   | 105  | 68 - 130     |
| n-Butylbenzene              | 137         | 137.5      |               | ug/m3 |   | 100  | 50 - 150     |
| o-Xylene                    | 109         | 111.3      |               | ug/m3 |   | 103  | 69 - 130     |
| m,p-Xylene                  | 217         | 221.0      |               | ug/m3 |   | 102  | 70 - 132     |
| sec-Butylbenzene            | 137         | 129.6      |               | ug/m3 |   | 94   | 50 - 150     |
| Styrene                     | 106         | 111.6      |               | ug/m3 |   | 105  | 65 - 131     |
| trans-1,2-Dichloroethene    | 99.1        | 107.7      |               | ug/m3 |   | 109  | 70 - 130     |
| trans-1,3-Dichloropropene   | 113         | 125.2      |               | ug/m3 |   | 110  | 70 - 147     |
| tert-Butylbenzene           | 137         | 132.3      |               | ug/m3 |   | 96   | 50 - 150     |
| Tetrachloroethene           | 170         | 153.9      |               | ug/m3 |   | 91   | 70 - 130     |
| Toluene                     | 94.2        | 101.0      |               | ug/m3 |   | 107  | 70 - 130     |
| Trichloroethene             | 134         | 141.1      |               | ug/m3 |   | 105  | 70 - 130     |
| Trichlorofluoromethane      | 140         | 133.4      |               | ug/m3 |   | 95   | 63 - 141     |
| Vinyl acetate               | 88.0        | 90.65      |               | ug/m3 |   | 103  | 58 - 130     |
| Vinyl chloride              | 63.9        | 66.41      |               | ug/m3 |   | 104  | 70 - 134     |
| tert-Butyl alcohol (TBA)    | 152         | 142.2      |               | ug/m3 |   | 94   | 66 - 144     |
| Ethyl-t-butyl ether (ETBE)  | 104         | 103.0      |               | ug/m3 |   | 99   | 67 - 130     |
| Di-isopropyl ether (DIPE)   | 104         | 98.76      |               | ug/m3 |   | 95   | 63 - 130     |
| Ethanol                     | 188         | 181.4      |               | ug/m3 |   | 96   | 37 - 139     |
| Tert-amyl methyl ether      | 104         | 107.8      |               | ug/m3 |   | 103  | 69 - 130     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98            |               | 67 - 133 |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 68 - 134 |
| Toluene-d8 (Surr)            | 101           |               | 70 - 130 |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCSD 570-45987/11**

**Matrix: Air**

**Analysis Batch: 45987**

**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-Trichloroethane                   | 136         | 136.6       |                | ug/m3 |   | 100  | 70 - 130     | 1   | 30        |
| 1,1,1,2-Tetrachloroethane               | 172         | 170.6       |                | ug/m3 |   | 99   | 63 - 130     | 1   | 30        |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 184.4       |                | ug/m3 |   | 96   | 70 - 136     | 1   | 30        |
| 1,1,2-Trichloroethane                   | 136         | 141.8       |                | ug/m3 |   | 104  | 70 - 130     | 1   | 30        |
| 1,1-Dichloroethane                      | 101         | 103.4       |                | ug/m3 |   | 102  | 70 - 130     | 2   | 30        |
| 1,1-Dichloroethene                      | 99.1        | 94.48       |                | ug/m3 |   | 95   | 70 - 135     | 2   | 30        |
| 1,1-Difluoroethane                      | 67.5        | 70.92       |                | ug/m3 |   | 105  | 70 - 131     | 1   | 30        |
| 1,2,4-Trichlorobenzene                  | 186         | 180.4       |                | ug/m3 |   | 97   | 31 - 151     | 6   | 30        |
| 1,2,4-Trimethylbenzene                  | 123         | 124.0       |                | ug/m3 |   | 101  | 60 - 132     | 4   | 30        |
| 1,2-Dibromo-3-Chloropropane             | 242         | 228.4       |                | ug/m3 |   | 95   | 60 - 140     | 6   | 35        |
| 1,2-Dibromoethane                       | 192         | 196.7       |                | ug/m3 |   | 102  | 70 - 133     | 1   | 30        |
| 1,2-Dichlorobenzene                     | 150         | 147.9       |                | ug/m3 |   | 98   | 48 - 138     | 5   | 30        |
| 1,2-Dichloroethane                      | 101         | 102.3       |                | ug/m3 |   | 101  | 70 - 132     | 1   | 30        |
| 1,2-Dichloropropane                     | 116         | 124.7       |                | ug/m3 |   | 108  | 70 - 130     | 3   | 30        |
| 1,3,5-Trimethylbenzene                  | 123         | 128.8       |                | ug/m3 |   | 105  | 62 - 130     | 3   | 30        |
| 1,3-Dichlorobenzene                     | 150         | 146.9       |                | ug/m3 |   | 98   | 56 - 134     | 5   | 30        |
| 1,4-Dichlorobenzene                     | 150         | 149.4       |                | ug/m3 |   | 99   | 52 - 136     | 6   | 30        |
| 2-Butanone                              | 73.7        | 77.29       |                | ug/m3 |   | 105  | 66 - 132     | 3   | 30        |
| 2-Hexanone                              | 102         | 111.7       |                | ug/m3 |   | 109  | 70 - 136     | 1   | 30        |
| 4-Ethyltoluene                          | 123         | 131.9       |                | ug/m3 |   | 107  | 68 - 130     | 4   | 30        |
| 4-Methyl-2-pentanone                    | 102         | 110.4       |                | ug/m3 |   | 108  | 70 - 130     | 2   | 30        |
| Acetone                                 | 59.4        | 65.14       |                | ug/m3 |   | 110  | 67 - 133     | 1   | 30        |
| Benzene                                 | 79.9        | 90.83       |                | ug/m3 |   | 114  | 70 - 130     | 1   | 30        |
| Benzyl chloride                         | 129         | 123.1       |                | ug/m3 |   | 95   | 38 - 158     | 4   | 30        |
| Bromodichloromethane                    | 168         | 171.6       |                | ug/m3 |   | 102  | 70 - 130     | 0   | 30        |
| Bromoform                               | 258         | 242.2       |                | ug/m3 |   | 94   | 63 - 147     | 3   | 30        |
| Bromomethane                            | 97.1        | 101.1       |                | ug/m3 |   | 104  | 70 - 139     | 2   | 30        |
| cis-1,2-Dichloroethene                  | 99.1        | 104.5       |                | ug/m3 |   | 105  | 70 - 130     | 1   | 30        |
| cis-1,3-Dichloropropene                 | 113         | 119.4       |                | ug/m3 |   | 105  | 70 - 130     | 1   | 30        |
| Carbon disulfide                        | 77.9        | 85.79       |                | ug/m3 |   | 110  | 68 - 146     | 1   | 30        |
| Carbon tetrachloride                    | 157         | 153.7       |                | ug/m3 |   | 98   | 70 - 136     | 1   | 30        |
| Chlorobenzene                           | 115         | 117.8       |                | ug/m3 |   | 102  | 70 - 130     | 2   | 30        |
| Chloroethane                            | 66.0        | 70.35       |                | ug/m3 |   | 107  | 65 - 149     | 0   | 30        |
| Chloroform                              | 122         | 119.1       |                | ug/m3 |   | 98   | 70 - 130     | 1   | 30        |
| Chloromethane                           | 51.6        | 56.09       |                | ug/m3 |   | 109  | 69 - 141     | 3   | 30        |
| Dibromochloromethane                    | 213         | 200.1       |                | ug/m3 |   | 94   | 70 - 138     | 3   | 30        |
| Dichlorodifluoromethane                 | 124         | 129.9       |                | ug/m3 |   | 105  | 67 - 139     | 3   | 30        |
| Dichlorotetrafluoroethane               | 175         | 180.8       |                | ug/m3 |   | 103  | 51 - 135     | 2   | 30        |
| Ethylbenzene                            | 109         | 120.4       |                | ug/m3 |   | 111  | 70 - 130     | 1   | 30        |
| Hexachloro-1,3-butadiene                | 267         | 233.4       |                | ug/m3 |   | 88   | 44 - 146     | 6   | 30        |
| Isopropanol                             | 61.5        | 58.30       |                | ug/m3 |   | 95   | 57 - 135     | 1   | 30        |
| Methylene Chloride                      | 86.8        | 78.98       |                | ug/m3 |   | 91   | 69 - 130     | 1   | 30        |
| Methyl-t-Butyl Ether (MTBE)             | 90.1        | 94.66       |                | ug/m3 |   | 105  | 68 - 130     | 0   | 30        |
| n-Butylbenzene                          | 137         | 144.9       |                | ug/m3 |   | 106  | 50 - 150     | 5   | 30        |
| o-Xylene                                | 109         | 114.2       |                | ug/m3 |   | 105  | 69 - 130     | 3   | 30        |
| m,p-Xylene                              | 217         | 225.2       |                | ug/m3 |   | 104  | 70 - 132     | 2   | 30        |
| sec-Butylbenzene                        | 137         | 134.7       |                | ug/m3 |   | 98   | 50 - 150     | 4   | 30        |
| Styrene                                 | 106         | 114.2       |                | ug/m3 |   | 107  | 65 - 131     | 2   | 30        |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCSD 570-45987/11**  
**Matrix: Air**  
**Analysis Batch: 45987**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

| Analyte                    | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits | RPD | RPD<br>Limit |
|----------------------------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| trans-1,2-Dichloroethene   | 99.1           | 108.4          |                   | ug/m3 |   | 109  | 70 - 130        | 1   | 30           |
| trans-1,3-Dichloropropene  | 113            | 124.8          |                   | ug/m3 |   | 110  | 70 - 147        | 0   | 30           |
| tert-Butylbenzene          | 137            | 138.1          |                   | ug/m3 |   | 101  | 50 - 150        | 4   | 30           |
| Tetrachloroethene          | 170            | 158.4          |                   | ug/m3 |   | 93   | 70 - 130        | 3   | 30           |
| Toluene                    | 94.2           | 102.2          |                   | ug/m3 |   | 109  | 70 - 130        | 1   | 30           |
| Trichloroethene            | 134            | 140.6          |                   | ug/m3 |   | 105  | 70 - 130        | 0   | 30           |
| Trichlorofluoromethane     | 140            | 138.5          |                   | ug/m3 |   | 99   | 63 - 141        | 4   | 30           |
| Vinyl acetate              | 88.0           | 89.05          |                   | ug/m3 |   | 101  | 58 - 130        | 2   | 30           |
| Vinyl chloride             | 63.9           | 66.58          |                   | ug/m3 |   | 104  | 70 - 134        | 0   | 30           |
| tert-Butyl alcohol (TBA)   | 152            | 145.7          |                   | ug/m3 |   | 96   | 66 - 144        | 2   | 30           |
| Ethyl-t-butyl ether (ETBE) | 104            | 101.9          |                   | ug/m3 |   | 98   | 67 - 130        | 1   | 30           |
| Di-isopropyl ether (DIPE)  | 104            | 96.82          |                   | ug/m3 |   | 93   | 63 - 130        | 2   | 30           |
| Ethanol                    | 188            | 180.6          |                   | ug/m3 |   | 96   | 37 - 139        | 0   | 30           |
| Tert-amyl methyl ether     | 104            | 106.3          |                   | ug/m3 |   | 102  | 69 - 130        | 1   | 30           |

| Surrogate                    | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|------------------------------|-------------------|-------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98                |                   | 67 - 133 |
| 4-Bromofluorobenzene (Surr)  | 99                |                   | 68 - 134 |
| Toluene-d8 (Surr)            | 101               |                   | 70 - 130 |

**Lab Sample ID: MB 570-46631/5**  
**Matrix: Air**  
**Analysis Batch: 46631**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB<br>Result | MB<br>Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1,1,2,2-Tetrachloroethane           | ND           |                 | 6.9 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |                 | 11  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1,2-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1-Dichloroethene                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,1-Difluoroethane                    | ND           |                 | 5.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2,4-Trichlorobenzene                | ND           |                 | 15  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2,4-Trimethylbenzene                | ND           |                 | 7.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND           |                 | 14  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2-Dibromoethane                     | ND           |                 | 3.8 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,2-Dichloropropane                   | ND           |                 | 2.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,3,5-Trimethylbenzene                | ND           |                 | 2.5 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,3-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 1,4-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 2-Butanone                            | ND           |                 | 4.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 2-Hexanone                            | ND           |                 | 6.1 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 4-Ethyltoluene                        | ND           |                 | 2.5 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| 4-Methyl-2-pentanone                  | ND           |                 | 6.1 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Acetone                               | ND           |                 | 4.8 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Benzene                               | ND           |                 | 1.6 | ug/m3 |   |          | 01/26/20 15:11 | 1       |

Eurofins Calscience LLC

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 570-46631/5**  
**Matrix: Air**  
**Analysis Batch: 46631**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                     | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| Benzyl chloride             | ND        |              | 7.8 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Bromodichloromethane        | ND        |              | 3.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Bromoform                   | ND        |              | 5.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Bromomethane                | ND        |              | 1.9 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| cis-1,2-Dichloroethene      | ND        |              | 2.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| cis-1,3-Dichloropropene     | ND        |              | 2.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Carbon disulfide            | ND        |              | 6.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Carbon tetrachloride        | ND        |              | 3.1 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Chlorobenzene               | ND        |              | 2.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Chloroethane                | ND        |              | 1.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Chloroform                  | ND        |              | 2.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Chloromethane               | ND        |              | 1.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Dibromochloromethane        | ND        |              | 4.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Dichlorodifluoromethane     | ND        |              | 2.5 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Dichlorotetrafluoroethane   | ND        |              | 14  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Ethylbenzene                | ND        |              | 2.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Hexachloro-1,3-butadiene    | ND        |              | 16  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Isopropanol                 | ND        |              | 12  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Methylene Chloride          | ND        |              | 17  | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |              | 7.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| n-Butylbenzene              | ND        |              | 8.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| o-Xylene                    | ND        |              | 2.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| m,p-Xylene                  | ND        |              | 8.7 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| sec-Butylbenzene            | ND        |              | 8.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Styrene                     | ND        |              | 6.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| trans-1,2-Dichloroethene    | ND        |              | 2.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| trans-1,3-Dichloropropene   | ND        |              | 4.5 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| tert-Butylbenzene           | ND        |              | 8.2 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Tetrachloroethene           | ND        |              | 3.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Toluene                     | ND        |              | 1.9 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Trichloroethene             | ND        |              | 2.7 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Trichlorofluoromethane      | ND        |              | 5.6 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Vinyl acetate               | ND        |              | 7.0 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Vinyl chloride              | ND        |              | 1.3 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| tert-Butyl alcohol (TBA)    | ND        |              | 6.1 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND        |              | 8.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Di-isopropyl ether (DIPE)   | ND        |              | 8.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Ethanol                     | ND        |              | 9.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |
| Tert-amyl methyl ether      | ND        |              | 8.4 | ug/m3 |   |          | 01/26/20 15:11 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101          |              | 67 - 133 |          | 01/26/20 15:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 83           |              | 68 - 134 |          | 01/26/20 15:11 | 1       |
| Toluene-d8 (Surr)            | 97           |              | 70 - 130 |          | 01/26/20 15:11 | 1       |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 570-46631/3**

**Matrix: Air**

**Analysis Batch: 46631**

**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-Trichloroethane                 | 136         | 138.4      |               | ug/m3 |   | 101  | 70 - 130     |
| 1,1,2,2-Tetrachloroethane             | 172         | 174.7      |               | ug/m3 |   | 102  | 63 - 130     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 185.4      |               | ug/m3 |   | 97   | 70 - 136     |
| 1,1,2-Trichloroethane                 | 136         | 144.4      |               | ug/m3 |   | 106  | 70 - 130     |
| 1,1-Dichloroethane                    | 101         | 102.5      |               | ug/m3 |   | 101  | 70 - 130     |
| 1,1-Dichloroethene                    | 99.1        | 94.47      |               | ug/m3 |   | 95   | 70 - 135     |
| 1,1-Difluoroethane                    | 67.5        | 59.94      |               | ug/m3 |   | 89   | 70 - 131     |
| 1,2,4-Trichlorobenzene                | 186         | 200.7      |               | ug/m3 |   | 108  | 31 - 151     |
| 1,2,4-Trimethylbenzene                | 123         | 121.0      |               | ug/m3 |   | 98   | 60 - 132     |
| 1,2-Dibromo-3-Chloropropane           | 242         | 270.5      |               | ug/m3 |   | 112  | 60 - 140     |
| 1,2-Dibromoethane                     | 192         | 208.9      |               | ug/m3 |   | 109  | 70 - 133     |
| 1,2-Dichlorobenzene                   | 150         | 167.2      |               | ug/m3 |   | 111  | 48 - 138     |
| 1,2-Dichloroethane                    | 101         | 103.1      |               | ug/m3 |   | 102  | 70 - 132     |
| 1,2-Dichloropropane                   | 116         | 119.1      |               | ug/m3 |   | 103  | 70 - 130     |
| 1,3,5-Trimethylbenzene                | 123         | 120.6      |               | ug/m3 |   | 98   | 62 - 130     |
| 1,3-Dichlorobenzene                   | 150         | 175.8      |               | ug/m3 |   | 117  | 56 - 134     |
| 1,4-Dichlorobenzene                   | 150         | 184.1      |               | ug/m3 |   | 122  | 52 - 136     |
| 2-Butanone                            | 73.7        | 71.66      |               | ug/m3 |   | 97   | 66 - 132     |
| 2-Hexanone                            | 102         | 104.8      |               | ug/m3 |   | 102  | 70 - 136     |
| 4-Ethyltoluene                        | 123         | 124.1      |               | ug/m3 |   | 101  | 68 - 130     |
| 4-Methyl-2-pentanone                  | 102         | 99.18      |               | ug/m3 |   | 97   | 70 - 130     |
| Acetone                               | 59.4        | 60.77      |               | ug/m3 |   | 102  | 67 - 133     |
| Benzene                               | 79.9        | 87.39      |               | ug/m3 |   | 109  | 70 - 130     |
| Benzyl chloride                       | 129         | 146.3      |               | ug/m3 |   | 113  | 38 - 158     |
| Bromodichloromethane                  | 168         | 174.8      |               | ug/m3 |   | 104  | 70 - 130     |
| Bromoform                             | 258         | 272.7      |               | ug/m3 |   | 106  | 63 - 147     |
| Bromomethane                          | 97.1        | 99.10      |               | ug/m3 |   | 102  | 70 - 139     |
| cis-1,2-Dichloroethene                | 99.1        | 101.9      |               | ug/m3 |   | 103  | 70 - 130     |
| cis-1,3-Dichloropropene               | 113         | 113.5      |               | ug/m3 |   | 100  | 70 - 130     |
| Carbon disulfide                      | 77.9        | 89.67      |               | ug/m3 |   | 115  | 68 - 146     |
| Carbon tetrachloride                  | 157         | 161.0      |               | ug/m3 |   | 102  | 70 - 136     |
| Chlorobenzene                         | 115         | 116.0      |               | ug/m3 |   | 101  | 70 - 130     |
| Chloroethane                          | 66.0        | 66.62      |               | ug/m3 |   | 101  | 65 - 149     |
| Chloroform                            | 122         | 122.5      |               | ug/m3 |   | 100  | 70 - 130     |
| Chloromethane                         | 51.6        | 49.90      |               | ug/m3 |   | 97   | 69 - 141     |
| Dibromochloromethane                  | 213         | 211.4      |               | ug/m3 |   | 99   | 70 - 138     |
| Dichlorodifluoromethane               | 124         | 123.1      |               | ug/m3 |   | 100  | 67 - 139     |
| Dichlorotetrafluoroethane             | 175         | 173.1      |               | ug/m3 |   | 99   | 51 - 135     |
| Ethylbenzene                          | 109         | 109.4      |               | ug/m3 |   | 101  | 70 - 130     |
| Hexachloro-1,3-butadiene              | 267         | 229.1      |               | ug/m3 |   | 86   | 44 - 146     |
| Isopropanol                           | 61.5        | 54.56      |               | ug/m3 |   | 89   | 57 - 135     |
| Methylene Chloride                    | 86.8        | 82.78      |               | ug/m3 |   | 95   | 69 - 130     |
| Methyl-t-Butyl Ether (MTBE)           | 90.1        | 89.91      |               | ug/m3 |   | 100  | 68 - 130     |
| n-Butylbenzene                        | 137         | 139.1      |               | ug/m3 |   | 101  | 50 - 150     |
| o-Xylene                              | 109         | 109.5      |               | ug/m3 |   | 101  | 69 - 130     |
| m,p-Xylene                            | 217         | 222.1      |               | ug/m3 |   | 102  | 70 - 132     |
| sec-Butylbenzene                      | 137         | 128.4      |               | ug/m3 |   | 94   | 50 - 150     |
| Styrene                               | 106         | 108.9      |               | ug/m3 |   | 102  | 65 - 131     |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 570-46631/3**  
**Matrix: Air**  
**Analysis Batch: 46631**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                    | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| trans-1,2-Dichloroethene   | 99.1        | 108.6      |               | ug/m3 |   | 110  | 70 - 130     |
| trans-1,3-Dichloropropene  | 113         | 124.5      |               | ug/m3 |   | 110  | 70 - 147     |
| tert-Butylbenzene          | 137         | 132.4      |               | ug/m3 |   | 96   | 50 - 150     |
| Tetrachloroethene          | 170         | 166.2      |               | ug/m3 |   | 98   | 70 - 130     |
| Toluene                    | 94.2        | 97.03      |               | ug/m3 |   | 103  | 70 - 130     |
| Trichloroethene            | 134         | 139.0      |               | ug/m3 |   | 103  | 70 - 130     |
| Trichlorofluoromethane     | 140         | 142.1      |               | ug/m3 |   | 101  | 63 - 141     |
| Vinyl acetate              | 88.0        | 89.23      |               | ug/m3 |   | 101  | 58 - 130     |
| Vinyl chloride             | 63.9        | 62.62      |               | ug/m3 |   | 98   | 70 - 134     |
| tert-Butyl alcohol (TBA)   | 152         | 143.1      |               | ug/m3 |   | 94   | 66 - 144     |
| Ethyl-t-butyl ether (ETBE) | 104         | 99.16      |               | ug/m3 |   | 95   | 67 - 130     |
| Di-isopropyl ether (DIPE)  | 104         | 92.68      |               | ug/m3 |   | 89   | 63 - 130     |
| Ethanol                    | 188         | 170.8      |               | ug/m3 |   | 91   | 37 - 139     |
| Tert-amyl methyl ether     | 104         | 99.70      |               | ug/m3 |   | 95   | 69 - 130     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98            |               | 67 - 133 |
| 4-Bromofluorobenzene (Surr)  | 106           |               | 68 - 134 |
| Toluene-d8 (Surr)            | 101           |               | 70 - 130 |

**Lab Sample ID: LCSD 570-46631/4**  
**Matrix: Air**  
**Analysis Batch: 46631**

**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-Trichloroethane                 | 136         | 139.0       |                | ug/m3 |   | 102  | 70 - 130     | 0   | 30        |
| 1,1,2,2-Tetrachloroethane             | 172         | 175.2       |                | ug/m3 |   | 102  | 63 - 130     | 0   | 30        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 186.1       |                | ug/m3 |   | 97   | 70 - 136     | 0   | 30        |
| 1,1,2-Trichloroethane                 | 136         | 144.1       |                | ug/m3 |   | 106  | 70 - 130     | 0   | 30        |
| 1,1-Dichloroethane                    | 101         | 103.1       |                | ug/m3 |   | 102  | 70 - 130     | 1   | 30        |
| 1,1-Dichloroethene                    | 99.1        | 94.61       |                | ug/m3 |   | 95   | 70 - 135     | 0   | 30        |
| 1,1-Difluoroethane                    | 67.5        | 60.19       |                | ug/m3 |   | 89   | 70 - 131     | 0   | 30        |
| 1,2,4-Trichlorobenzene                | 186         | 209.6       |                | ug/m3 |   | 113  | 31 - 151     | 4   | 30        |
| 1,2,4-Trimethylbenzene                | 123         | 121.1       |                | ug/m3 |   | 99   | 60 - 132     | 0   | 30        |
| 1,2-Dibromo-3-Chloropropane           | 242         | 273.9       |                | ug/m3 |   | 113  | 60 - 140     | 1   | 35        |
| 1,2-Dibromoethane                     | 192         | 208.9       |                | ug/m3 |   | 109  | 70 - 133     | 0   | 30        |
| 1,2-Dichlorobenzene                   | 150         | 168.8       |                | ug/m3 |   | 112  | 48 - 138     | 1   | 30        |
| 1,2-Dichloroethane                    | 101         | 102.5       |                | ug/m3 |   | 101  | 70 - 132     | 1   | 30        |
| 1,2-Dichloropropane                   | 116         | 118.7       |                | ug/m3 |   | 103  | 70 - 130     | 0   | 30        |
| 1,3,5-Trimethylbenzene                | 123         | 120.8       |                | ug/m3 |   | 98   | 62 - 130     | 0   | 30        |
| 1,3-Dichlorobenzene                   | 150         | 176.8       |                | ug/m3 |   | 118  | 56 - 134     | 1   | 30        |
| 1,4-Dichlorobenzene                   | 150         | 185.1       |                | ug/m3 |   | 123  | 52 - 136     | 1   | 30        |
| 2-Butanone                            | 73.7        | 71.87       |                | ug/m3 |   | 97   | 66 - 132     | 0   | 30        |
| 2-Hexanone                            | 102         | 105.3       |                | ug/m3 |   | 103  | 70 - 136     | 1   | 30        |
| 4-Ethyltoluene                        | 123         | 124.2       |                | ug/m3 |   | 101  | 68 - 130     | 0   | 30        |
| 4-Methyl-2-pentanone                  | 102         | 99.14       |                | ug/m3 |   | 97   | 70 - 130     | 0   | 30        |
| Acetone                               | 59.4        | 60.96       |                | ug/m3 |   | 103  | 67 - 133     | 0   | 30        |
| Benzene                               | 79.9        | 87.12       |                | ug/m3 |   | 109  | 70 - 130     | 0   | 30        |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-46631/4

Matrix: Air

Analysis Batch: 46631

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 |
|-----------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Benzyl chloride             | 129         | 148.5       |                | ug/m3 |   | 115  | 38 - 158     | 2   | 30        |
| Bromodichloromethane        | 168         | 174.2       |                | ug/m3 |   | 104  | 70 - 130     | 0   | 30        |
| Bromoform                   | 258         | 273.4       |                | ug/m3 |   | 106  | 63 - 147     | 0   | 30        |
| Bromomethane                | 97.1        | 99.56       |                | ug/m3 |   | 103  | 70 - 139     | 0   | 30        |
| cis-1,2-Dichloroethene      | 99.1        | 102.0       |                | ug/m3 |   | 103  | 70 - 130     | 0   | 30        |
| cis-1,3-Dichloropropene     | 113         | 113.2       |                | ug/m3 |   | 100  | 70 - 130     | 0   | 30        |
| Carbon disulfide            | 77.9        | 89.78       |                | ug/m3 |   | 115  | 68 - 146     | 0   | 30        |
| Carbon tetrachloride        | 157         | 160.3       |                | ug/m3 |   | 102  | 70 - 136     | 0   | 30        |
| Chlorobenzene               | 115         | 116.5       |                | ug/m3 |   | 101  | 70 - 130     | 0   | 30        |
| Chloroethane                | 66.0        | 66.44       |                | ug/m3 |   | 101  | 65 - 149     | 0   | 30        |
| Chloroform                  | 122         | 122.8       |                | ug/m3 |   | 101  | 70 - 130     | 0   | 30        |
| Chloromethane               | 51.6        | 50.20       |                | ug/m3 |   | 97   | 69 - 141     | 1   | 30        |
| Dibromochloromethane        | 213         | 212.0       |                | ug/m3 |   | 100  | 70 - 138     | 0   | 30        |
| Dichlorodifluoromethane     | 124         | 123.7       |                | ug/m3 |   | 100  | 67 - 139     | 1   | 30        |
| Dichlorotetrafluoroethane   | 175         | 173.9       |                | ug/m3 |   | 99   | 51 - 135     | 0   | 30        |
| Ethylbenzene                | 109         | 109.4       |                | ug/m3 |   | 101  | 70 - 130     | 0   | 30        |
| Hexachloro-1,3-butadiene    | 267         | 227.3       |                | ug/m3 |   | 85   | 44 - 146     | 1   | 30        |
| Isopropanol                 | 61.5        | 54.44       |                | ug/m3 |   | 89   | 57 - 135     | 0   | 30        |
| Methylene Chloride          | 86.8        | 83.04       |                | ug/m3 |   | 96   | 69 - 130     | 0   | 30        |
| Methyl-t-Butyl Ether (MTBE) | 90.1        | 90.34       |                | ug/m3 |   | 100  | 68 - 130     | 0   | 30        |
| n-Butylbenzene              | 137         | 140.1       |                | ug/m3 |   | 102  | 50 - 150     | 1   | 30        |
| o-Xylene                    | 109         | 109.9       |                | ug/m3 |   | 101  | 69 - 130     | 0   | 30        |
| m,p-Xylene                  | 217         | 221.7       |                | ug/m3 |   | 102  | 70 - 132     | 0   | 30        |
| sec-Butylbenzene            | 137         | 128.1       |                | ug/m3 |   | 93   | 50 - 150     | 0   | 30        |
| Styrene                     | 106         | 109.5       |                | ug/m3 |   | 103  | 65 - 131     | 1   | 30        |
| trans-1,2-Dichloroethene    | 99.1        | 108.8       |                | ug/m3 |   | 110  | 70 - 130     | 0   | 30        |
| trans-1,3-Dichloropropene   | 113         | 123.1       |                | ug/m3 |   | 108  | 70 - 147     | 1   | 30        |
| tert-Butylbenzene           | 137         | 132.5       |                | ug/m3 |   | 97   | 50 - 150     | 0   | 30        |
| Tetrachloroethene           | 170         | 167.7       |                | ug/m3 |   | 99   | 70 - 130     | 1   | 30        |
| Toluene                     | 94.2        | 97.56       |                | ug/m3 |   | 104  | 70 - 130     | 1   | 30        |
| Trichloroethene             | 134         | 138.3       |                | ug/m3 |   | 103  | 70 - 130     | 1   | 30        |
| Trichlorofluoromethane      | 140         | 142.8       |                | ug/m3 |   | 102  | 63 - 141     | 1   | 30        |
| Vinyl acetate               | 88.0        | 88.82       |                | ug/m3 |   | 101  | 58 - 130     | 0   | 30        |
| Vinyl chloride              | 63.9        | 62.65       |                | ug/m3 |   | 98   | 70 - 134     | 0   | 30        |
| tert-Butyl alcohol (TBA)    | 152         | 141.2       |                | ug/m3 |   | 93   | 66 - 144     | 1   | 30        |
| Ethyl-t-butyl ether (ETBE)  | 104         | 99.03       |                | ug/m3 |   | 95   | 67 - 130     | 0   | 30        |
| Di-isopropyl ether (DIPE)   | 104         | 92.70       |                | ug/m3 |   | 89   | 63 - 130     | 0   | 30        |
| Ethanol                     | 188         | 170.1       |                | ug/m3 |   | 90   | 37 - 139     | 0   | 30        |
| Tert-amyl methyl ether      | 104         | 99.92       |                | ug/m3 |   | 96   | 69 - 130     | 0   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 97             |                | 67 - 133    |
| 4-Bromofluorobenzene (Surr)  | 105            |                | 68 - 134    |
| Toluene-d8 (Surr)            | 101            |                | 70 - 130    |



# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 570-47002/7**

**Matrix: Air**

**Analysis Batch: 47002**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

| Analyte                               | MB<br>Result | MB<br>Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------------|-----|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND           |                 | 6.9 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |                 | 11  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1,2-Trichloroethane                 | ND           |                 | 2.7 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1-Dichloroethene                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,1-Difluoroethane                    | ND           |                 | 5.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND           |                 | 15  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2,4-Trimethylbenzene                | ND           |                 | 7.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND           |                 | 14  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2-Dibromoethane                     | ND           |                 | 3.8 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2-Dichloroethane                    | ND           |                 | 2.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,2-Dichloropropane                   | ND           |                 | 2.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,3,5-Trimethylbenzene                | ND           |                 | 2.5 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,3-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 1,4-Dichlorobenzene                   | ND           |                 | 3.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 2-Butanone                            | ND           |                 | 4.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 2-Hexanone                            | ND           |                 | 6.1 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 4-Ethyltoluene                        | ND           |                 | 2.5 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| 4-Methyl-2-pentanone                  | ND           |                 | 6.1 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Acetone                               | ND           |                 | 4.8 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Benzene                               | ND           |                 | 1.6 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Benzyl chloride                       | ND           |                 | 7.8 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Bromodichloromethane                  | ND           |                 | 3.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Bromoform                             | ND           |                 | 5.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Bromomethane                          | ND           |                 | 1.9 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| cis-1,2-Dichloroethene                | ND           |                 | 2.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| cis-1,3-Dichloropropene               | ND           |                 | 2.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Carbon disulfide                      | ND           |                 | 6.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Carbon tetrachloride                  | ND           |                 | 3.1 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Chlorobenzene                         | ND           |                 | 2.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Chloroethane                          | ND           |                 | 1.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Chloroform                            | ND           |                 | 2.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Chloromethane                         | ND           |                 | 1.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Dibromochloromethane                  | ND           |                 | 4.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Dichlorodifluoromethane               | ND           |                 | 2.5 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Dichlorotetrafluoroethane             | ND           |                 | 14  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Ethylbenzene                          | ND           |                 | 2.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Hexachloro-1,3-butadiene              | ND           |                 | 16  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Isopropanol                           | ND           |                 | 12  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Methylene Chloride                    | ND           |                 | 17  | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Methyl-t-Butyl Ether (MTBE)           | ND           |                 | 7.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| n-Butylbenzene                        | ND           |                 | 8.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| o-Xylene                              | ND           |                 | 2.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| m,p-Xylene                            | ND           |                 | 8.7 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| sec-Butylbenzene                      | ND           |                 | 8.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Styrene                               | ND           |                 | 6.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 570-47002/7**  
**Matrix: Air**  
**Analysis Batch: 47002**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                    | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| trans-1,2-Dichloroethene   | ND        |              | 2.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| trans-1,3-Dichloropropene  | ND        |              | 4.5 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| tert-Butylbenzene          | ND        |              | 8.2 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Tetrachloroethene          | ND        |              | 3.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Toluene                    | ND        |              | 1.9 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Trichloroethene            | ND        |              | 2.7 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Trichlorofluoromethane     | ND        |              | 5.6 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Vinyl acetate              | ND        |              | 7.0 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Vinyl chloride             | ND        |              | 1.3 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| tert-Butyl alcohol (TBA)   | ND        |              | 6.1 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Ethyl-t-butyl ether (ETBE) | ND        |              | 8.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Di-isopropyl ether (DIPE)  | ND        |              | 8.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Ethanol                    | ND        |              | 9.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |
| Tert-amyl methyl ether     | ND        |              | 8.4 | ug/m3 |   |          | 01/25/20 17:12 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96           |              | 67 - 133 |          | 01/25/20 17:12 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97           |              | 68 - 134 |          | 01/25/20 17:12 | 1       |
| Toluene-d8 (Surr)            | 101          |              | 70 - 130 |          | 01/25/20 17:12 | 1       |

**Lab Sample ID: LCS 570-47002/3**  
**Matrix: Air**  
**Analysis Batch: 47002**

**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-Trichloroethane                   | 136         | 148.1      |               | ug/m3 |   | 109  | 70 - 130     |
| 1,1,1,2-Tetrachloroethane               | 172         | 174.8      |               | ug/m3 |   | 102  | 63 - 130     |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 199.7      |               | ug/m3 |   | 104  | 70 - 136     |
| 1,1,2-Trichloroethane                   | 136         | 141.4      |               | ug/m3 |   | 104  | 70 - 130     |
| 1,1-Dichloroethane                      | 101         | 106.6      |               | ug/m3 |   | 105  | 70 - 130     |
| 1,1-Dichloroethene                      | 99.1        | 100.6      |               | ug/m3 |   | 101  | 70 - 135     |
| 1,1-Difluoroethane                      | 67.5        | 60.69      |               | ug/m3 |   | 90   | 70 - 131     |
| 1,2,4-Trichlorobenzene                  | 186         | 152.8      |               | ug/m3 |   | 82   | 31 - 151     |
| 1,2,4-Trimethylbenzene                  | 123         | 126.1      |               | ug/m3 |   | 103  | 60 - 132     |
| 1,2-Dibromo-3-Chloropropane             | 242         | 246.5      |               | ug/m3 |   | 102  | 60 - 140     |
| 1,2-Dibromoethane                       | 192         | 202.3      |               | ug/m3 |   | 105  | 70 - 133     |
| 1,2-Dichlorobenzene                     | 150         | 150.7      |               | ug/m3 |   | 100  | 48 - 138     |
| 1,2-Dichloroethane                      | 101         | 103.9      |               | ug/m3 |   | 103  | 70 - 132     |
| 1,2-Dichloropropane                     | 116         | 119.5      |               | ug/m3 |   | 103  | 70 - 130     |
| 1,3,5-Trimethylbenzene                  | 123         | 131.2      |               | ug/m3 |   | 107  | 62 - 130     |
| 1,3-Dichlorobenzene                     | 150         | 148.9      |               | ug/m3 |   | 99   | 56 - 134     |
| 1,4-Dichlorobenzene                     | 150         | 146.6      |               | ug/m3 |   | 98   | 52 - 136     |
| 2-Butanone                              | 73.7        | 68.08      |               | ug/m3 |   | 92   | 66 - 132     |
| 2-Hexanone                              | 102         | 95.84      |               | ug/m3 |   | 94   | 70 - 136     |
| 4-Ethyltoluene                          | 123         | 130.7      |               | ug/m3 |   | 106  | 68 - 130     |
| 4-Methyl-2-pentanone                    | 102         | 96.21      |               | ug/m3 |   | 94   | 70 - 130     |
| Acetone                                 | 59.4        | 56.65      |               | ug/m3 |   | 95   | 67 - 133     |
| Benzene                                 | 79.9        | 91.29      |               | ug/m3 |   | 114  | 70 - 130     |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-47002/3

Matrix: Air

Analysis Batch: 47002

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzyl chloride             | 129         | 129.4      |               | ug/m3 |   | 100  | 38 - 158     |
| Bromodichloromethane        | 168         | 175.5      |               | ug/m3 |   | 105  | 70 - 130     |
| Bromoform                   | 258         | 274.2      |               | ug/m3 |   | 106  | 63 - 147     |
| Bromomethane                | 97.1        | 103.5      |               | ug/m3 |   | 107  | 70 - 139     |
| cis-1,2-Dichloroethene      | 99.1        | 109.5      |               | ug/m3 |   | 110  | 70 - 130     |
| cis-1,3-Dichloropropene     | 113         | 115.1      |               | ug/m3 |   | 101  | 70 - 130     |
| Carbon disulfide            | 77.9        | 93.69      |               | ug/m3 |   | 120  | 68 - 146     |
| Carbon tetrachloride        | 157         | 165.7      |               | ug/m3 |   | 105  | 70 - 136     |
| Chlorobenzene               | 115         | 121.5      |               | ug/m3 |   | 106  | 70 - 130     |
| Chloroethane                | 66.0        | 66.44      |               | ug/m3 |   | 101  | 65 - 149     |
| Chloroform                  | 122         | 128.4      |               | ug/m3 |   | 105  | 70 - 130     |
| Chloromethane               | 51.6        | 48.93      |               | ug/m3 |   | 95   | 69 - 141     |
| Dibromochloromethane        | 213         | 224.5      |               | ug/m3 |   | 105  | 70 - 138     |
| Dichlorodifluoromethane     | 124         | 144.4      |               | ug/m3 |   | 117  | 67 - 139     |
| Dichlorotetrafluoroethane   | 175         | 188.6      |               | ug/m3 |   | 108  | 51 - 135     |
| Ethylbenzene                | 109         | 122.1      |               | ug/m3 |   | 112  | 70 - 130     |
| Hexachloro-1,3-butadiene    | 267         | 228.2      |               | ug/m3 |   | 86   | 44 - 146     |
| Isopropanol                 | 61.5        | 53.18      |               | ug/m3 |   | 87   | 57 - 135     |
| Methylene Chloride          | 86.8        | 90.94      |               | ug/m3 |   | 105  | 69 - 130     |
| Methyl-t-Butyl Ether (MTBE) | 90.1        | 101.0      |               | ug/m3 |   | 112  | 68 - 130     |
| n-Butylbenzene              | 137         | 133.9      |               | ug/m3 |   | 98   | 50 - 150     |
| o-Xylene                    | 109         | 120.7      |               | ug/m3 |   | 111  | 69 - 130     |
| m,p-Xylene                  | 217         | 241.1      |               | ug/m3 |   | 111  | 70 - 132     |
| sec-Butylbenzene            | 137         | 133.6      |               | ug/m3 |   | 97   | 50 - 150     |
| Styrene                     | 106         | 115.6      |               | ug/m3 |   | 109  | 65 - 131     |
| trans-1,2-Dichloroethene    | 99.1        | 115.4      |               | ug/m3 |   | 116  | 70 - 130     |
| trans-1,3-Dichloropropene   | 113         | 120.9      |               | ug/m3 |   | 107  | 70 - 147     |
| tert-Butylbenzene           | 137         | 139.0      |               | ug/m3 |   | 101  | 50 - 150     |
| Tetrachloroethene           | 170         | 182.0      |               | ug/m3 |   | 107  | 70 - 130     |
| Toluene                     | 94.2        | 106.0      |               | ug/m3 |   | 113  | 70 - 130     |
| Trichloroethene             | 134         | 142.6      |               | ug/m3 |   | 106  | 70 - 130     |
| Trichlorofluoromethane      | 140         | 146.1      |               | ug/m3 |   | 104  | 63 - 141     |
| Vinyl acetate               | 88.0        | 84.79      |               | ug/m3 |   | 96   | 58 - 130     |
| Vinyl chloride              | 63.9        | 65.28      |               | ug/m3 |   | 102  | 70 - 134     |
| tert-Butyl alcohol (TBA)    | 152         | 153.0      |               | ug/m3 |   | 101  | 66 - 144     |
| Ethyl-t-butyl ether (ETBE)  | 104         | 103.8      |               | ug/m3 |   | 99   | 67 - 130     |
| Di-isopropyl ether (DIPE)   | 104         | 87.79      |               | ug/m3 |   | 84   | 63 - 130     |
| Ethanol                     | 188         | 148.5      |               | ug/m3 |   | 79   | 37 - 139     |
| Tert-amyl methyl ether      | 104         | 107.9      |               | ug/m3 |   | 103  | 69 - 130     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 94            |               | 67 - 133 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 68 - 134 |
| Toluene-d8 (Surr)            | 99            |               | 70 - 130 |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-47002/4

Matrix: Air

Analysis Batch: 47002

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-Trichloroethane                 | 136         | 149.2       |                | ug/m3 |   | 109  | 70 - 130     | 1   | 30        |
| 1,1,2,2-Tetrachloroethane             | 172         | 173.4       |                | ug/m3 |   | 101  | 63 - 130     | 1   | 30        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192         | 199.0       |                | ug/m3 |   | 104  | 70 - 136     | 0   | 30        |
| 1,1,2-Trichloroethane                 | 136         | 140.8       |                | ug/m3 |   | 103  | 70 - 130     | 0   | 30        |
| 1,1-Dichloroethane                    | 101         | 106.0       |                | ug/m3 |   | 105  | 70 - 130     | 1   | 30        |
| 1,1-Dichloroethene                    | 99.1        | 99.46       |                | ug/m3 |   | 100  | 70 - 135     | 1   | 30        |
| 1,1-Difluoroethane                    | 67.5        | 58.88       |                | ug/m3 |   | 87   | 70 - 131     | 3   | 30        |
| 1,2,4-Trichlorobenzene                | 186         | 155.3       |                | ug/m3 |   | 84   | 31 - 151     | 2   | 30        |
| 1,2,4-Trimethylbenzene                | 123         | 126.1       |                | ug/m3 |   | 103  | 60 - 132     | 0   | 30        |
| 1,2-Dibromo-3-Chloropropane           | 242         | 248.5       |                | ug/m3 |   | 103  | 60 - 140     | 1   | 35        |
| 1,2-Dibromoethane                     | 192         | 203.5       |                | ug/m3 |   | 106  | 70 - 133     | 1   | 30        |
| 1,2-Dichlorobenzene                   | 150         | 150.7       |                | ug/m3 |   | 100  | 48 - 138     | 0   | 30        |
| 1,2-Dichloroethane                    | 101         | 104.4       |                | ug/m3 |   | 103  | 70 - 132     | 0   | 30        |
| 1,2-Dichloropropane                   | 116         | 119.0       |                | ug/m3 |   | 103  | 70 - 130     | 0   | 30        |
| 1,3,5-Trimethylbenzene                | 123         | 131.3       |                | ug/m3 |   | 107  | 62 - 130     | 0   | 30        |
| 1,3-Dichlorobenzene                   | 150         | 150.0       |                | ug/m3 |   | 100  | 56 - 134     | 1   | 30        |
| 1,4-Dichlorobenzene                   | 150         | 145.5       |                | ug/m3 |   | 97   | 52 - 136     | 1   | 30        |
| 2-Butanone                            | 73.7        | 66.68       |                | ug/m3 |   | 90   | 66 - 132     | 2   | 30        |
| 2-Hexanone                            | 102         | 95.33       |                | ug/m3 |   | 93   | 70 - 136     | 1   | 30        |
| 4-Ethyltoluene                        | 123         | 129.9       |                | ug/m3 |   | 106  | 68 - 130     | 1   | 30        |
| 4-Methyl-2-pentanone                  | 102         | 95.84       |                | ug/m3 |   | 94   | 70 - 130     | 0   | 30        |
| Acetone                               | 59.4        | 56.44       |                | ug/m3 |   | 95   | 67 - 133     | 0   | 30        |
| Benzene                               | 79.9        | 90.87       |                | ug/m3 |   | 114  | 70 - 130     | 0   | 30        |
| Benzyl chloride                       | 129         | 129.3       |                | ug/m3 |   | 100  | 38 - 158     | 0   | 30        |
| Bromodichloromethane                  | 168         | 176.8       |                | ug/m3 |   | 106  | 70 - 130     | 1   | 30        |
| Bromoform                             | 258         | 274.7       |                | ug/m3 |   | 106  | 63 - 147     | 0   | 30        |
| Bromomethane                          | 97.1        | 103.8       |                | ug/m3 |   | 107  | 70 - 139     | 0   | 30        |
| cis-1,2-Dichloroethene                | 99.1        | 109.4       |                | ug/m3 |   | 110  | 70 - 130     | 0   | 30        |
| cis-1,3-Dichloropropene               | 113         | 116.4       |                | ug/m3 |   | 103  | 70 - 130     | 1   | 30        |
| Carbon disulfide                      | 77.9        | 93.23       |                | ug/m3 |   | 120  | 68 - 146     | 0   | 30        |
| Carbon tetrachloride                  | 157         | 168.0       |                | ug/m3 |   | 107  | 70 - 136     | 1   | 30        |
| Chlorobenzene                         | 115         | 122.1       |                | ug/m3 |   | 106  | 70 - 130     | 1   | 30        |
| Chloroethane                          | 66.0        | 66.27       |                | ug/m3 |   | 100  | 65 - 149     | 0   | 30        |
| Chloroform                            | 122         | 128.4       |                | ug/m3 |   | 105  | 70 - 130     | 0   | 30        |
| Chloromethane                         | 51.6        | 47.89       |                | ug/m3 |   | 93   | 69 - 141     | 2   | 30        |
| Dibromochloromethane                  | 213         | 225.6       |                | ug/m3 |   | 106  | 70 - 138     | 0   | 30        |
| Dichlorodifluoromethane               | 124         | 141.4       |                | ug/m3 |   | 114  | 67 - 139     | 2   | 30        |
| Dichlorotetrafluoroethane             | 175         | 188.1       |                | ug/m3 |   | 108  | 51 - 135     | 0   | 30        |
| Ethylbenzene                          | 109         | 121.9       |                | ug/m3 |   | 112  | 70 - 130     | 0   | 30        |
| Hexachloro-1,3-butadiene              | 267         | 233.4       |                | ug/m3 |   | 88   | 44 - 146     | 2   | 30        |
| Isopropanol                           | 61.5        | 52.37       |                | ug/m3 |   | 85   | 57 - 135     | 2   | 30        |
| Methylene Chloride                    | 86.8        | 90.10       |                | ug/m3 |   | 104  | 69 - 130     | 1   | 30        |
| Methyl-t-Butyl Ether (MTBE)           | 90.1        | 100.5       |                | ug/m3 |   | 112  | 68 - 130     | 0   | 30        |
| n-Butylbenzene                        | 137         | 134.4       |                | ug/m3 |   | 98   | 50 - 150     | 0   | 30        |
| o-Xylene                              | 109         | 120.5       |                | ug/m3 |   | 111  | 69 - 130     | 0   | 30        |
| m,p-Xylene                            | 217         | 239.7       |                | ug/m3 |   | 110  | 70 - 132     | 1   | 30        |
| sec-Butylbenzene                      | 137         | 132.4       |                | ug/m3 |   | 96   | 50 - 150     | 1   | 30        |
| Styrene                               | 106         | 115.7       |                | ug/m3 |   | 109  | 65 - 131     | 0   | 30        |

Eurofins Calscience LLC

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCSD 570-47002/4**

**Client Sample ID: Lab Control Sample Dup**

**Matrix: Air**

**Prep Type: Total/NA**

**Analysis Batch: 47002**

| Analyte                    | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits | RPD | RPD<br>Limit |
|----------------------------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| trans-1,2-Dichloroethene   | 99.1           | 114.9          |                   | ug/m3 |   | 116  | 70 - 130        | 0   | 30           |
| trans-1,3-Dichloropropene  | 113            | 121.5          |                   | ug/m3 |   | 107  | 70 - 147        | 0   | 30           |
| tert-Butylbenzene          | 137            | 138.5          |                   | ug/m3 |   | 101  | 50 - 150        | 0   | 30           |
| Tetrachloroethene          | 170            | 182.2          |                   | ug/m3 |   | 107  | 70 - 130        | 0   | 30           |
| Toluene                    | 94.2           | 106.2          |                   | ug/m3 |   | 113  | 70 - 130        | 0   | 30           |
| Trichloroethene            | 134            | 140.1          |                   | ug/m3 |   | 104  | 70 - 130        | 2   | 30           |
| Trichlorofluoromethane     | 140            | 147.6          |                   | ug/m3 |   | 105  | 63 - 141        | 1   | 30           |
| Vinyl acetate              | 88.0           | 82.60          |                   | ug/m3 |   | 94   | 58 - 130        | 3   | 30           |
| Vinyl chloride             | 63.9           | 64.75          |                   | ug/m3 |   | 101  | 70 - 134        | 1   | 30           |
| tert-Butyl alcohol (TBA)   | 152            | 153.8          |                   | ug/m3 |   | 101  | 66 - 144        | 0   | 30           |
| Ethyl-t-butyl ether (ETBE) | 104            | 103.2          |                   | ug/m3 |   | 99   | 67 - 130        | 1   | 30           |
| Di-isopropyl ether (DIPE)  | 104            | 86.62          |                   | ug/m3 |   | 83   | 63 - 130        | 1   | 30           |
| Ethanol                    | 188            | 146.4          |                   | ug/m3 |   | 78   | 37 - 139        | 1   | 30           |
| Tert-amyl methyl ether     | 104            | 109.1          |                   | ug/m3 |   | 104  | 69 - 130        | 1   | 30           |

| Surrogate                    | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|------------------------------|-------------------|-------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 94                |                   | 67 - 133 |
| 4-Bromofluorobenzene (Surr)  | 97                |                   | 68 - 134 |
| Toluene-d8 (Surr)            | 99                |                   | 70 - 130 |

# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Air - GC/MS VOA

### Analysis Batch: 45987

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 570-18467-1        | SV-1-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-2        | SV-1-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-3        | SV-2-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-4        | SV-2-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-5        | SV-3-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-6        | SV-3-11                | Total/NA  | Air    | TO-15  |            |
| 570-18467-7        | SV-4-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-8        | SV-4-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-9        | SV-5-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-10       | SV-5-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-11       | SV-6-5                 | Total/NA  | Air    | TO-15  |            |
| MB 570-45987/16    | Method Blank           | Total/NA  | Air    | TO-15  |            |
| LCS 570-45987/1010 | Lab Control Sample     | Total/NA  | Air    | TO-15  |            |
| LCSD 570-45987/11  | Lab Control Sample Dup | Total/NA  | Air    | TO-15  |            |

### Analysis Batch: 46631

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 570-18467-3 - DL  | SV-2-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-5 - DL  | SV-3-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-6 - DL  | SV-3-11                | Total/NA  | Air    | TO-15  |            |
| 570-18467-7 - DL  | SV-4-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-9 - DL  | SV-5-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-10 - DL | SV-5-15                | Total/NA  | Air    | TO-15  |            |
| MB 570-46631/5    | Method Blank           | Total/NA  | Air    | TO-15  |            |
| LCS 570-46631/3   | Lab Control Sample     | Total/NA  | Air    | TO-15  |            |
| LCSD 570-46631/4  | Lab Control Sample Dup | Total/NA  | Air    | TO-15  |            |

### Analysis Batch: 47002

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 570-18467-12     | SV-6-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-13     | SV-7-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-14     | SV-7-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-15     | AA_20200120            | Total/NA  | Air    | TO-15  |            |
| 570-18467-16     | SV-8-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-17     | SV-8-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-18     | SV-9-5                 | Total/NA  | Air    | TO-15  |            |
| 570-18467-19     | SV-9-15                | Total/NA  | Air    | TO-15  |            |
| 570-18467-20     | SV-10-5                | Total/NA  | Air    | TO-15  |            |
| 570-18467-21     | SV-10-15               | Total/NA  | Air    | TO-15  |            |
| 570-18467-22     | SV-11-5                | Total/NA  | Air    | TO-15  |            |
| 570-18467-23     | SV-11-15               | Total/NA  | Air    | TO-15  |            |
| 570-18467-24     | SV-12-5                | Total/NA  | Air    | TO-15  |            |
| 570-18467-25     | SV-12-15               | Total/NA  | Air    | TO-15  |            |
| 570-18467-26     | SV-13-5                | Total/NA  | Air    | TO-15  |            |
| 570-18467-27     | SV-13-15               | Total/NA  | Air    | TO-15  |            |
| 570-18467-28     | SV-14-5                | Total/NA  | Air    | TO-15  |            |
| 570-18467-29     | SV-14-15               | Total/NA  | Air    | TO-15  |            |
| MB 570-47002/7   | Method Blank           | Total/NA  | Air    | TO-15  |            |
| LCS 570-47002/3  | Lab Control Sample     | Total/NA  | Air    | TO-15  |            |
| LCSD 570-47002/4 | Lab Control Sample Dup | Total/NA  | Air    | TO-15  |            |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-1-15**

**Lab Sample ID: 570-18467-1**

Date Collected: 01/20/20 07:33

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 45987        | 01/23/20 23:39       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-1-5**

**Lab Sample ID: 570-18467-2**

Date Collected: 01/20/20 07:50

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1.13       | 400 mL         | 400 mL       | 45987        | 01/24/20 00:34       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-2-5**

**Lab Sample ID: 570-18467-3**

Date Collected: 01/20/20 08:11

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 01:26       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Analysis   | TO-15        | DL  | 6.23       | 400 mL         | 400 mL       | 46631        | 01/26/20 17:01       | LEW3    | ECL 2 |
| Instrument ID: GCMSZZ |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-2-15**

**Lab Sample ID: 570-18467-4**

Date Collected: 01/20/20 08:12

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1.03       | 400 mL         | 400 mL       | 45987        | 01/24/20 02:20       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-3-5**

**Lab Sample ID: 570-18467-5**

Date Collected: 01/20/20 08:38

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 03:12       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Analysis   | TO-15        | DL  | 10.12      | 400 mL         | 400 mL       | 46631        | 01/26/20 17:47       | LEW3    | ECL 2 |
| Instrument ID: GCMSZZ |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-3-11**

**Lab Sample ID: 570-18467-6**

Date Collected: 01/20/20 08:39

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 04:05       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-3-11**

**Lab Sample ID: 570-18467-6**

Date Collected: 01/20/20 08:39

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15        | DL  | 3.625      | 400 mL         | 400 mL       | 46631        | 01/26/20 18:36       | LEW3    | ECL 2 |

**Client Sample ID: SV-4-5**

**Lab Sample ID: 570-18467-7**

Date Collected: 01/20/20 08:56

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type | Batch Type | Batch Method          | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|-----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15                 |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 04:58       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSII |     |            |                |              |              |                      |         |       |
| Total/NA  | Analysis   | TO-15                 | DL  | 3.03       | 400 mL         | 400 mL       | 46631        | 01/26/20 19:36       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSZZ |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-4-15**

**Lab Sample ID: 570-18467-8**

Date Collected: 01/20/20 08:57

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type | Batch Type | Batch Method          | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|-----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15                 |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 05:52       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSII |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-5-5**

**Lab Sample ID: 570-18467-9**

Date Collected: 01/20/20 09:23

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type | Batch Type | Batch Method          | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|-----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15                 |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 06:43       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSII |     |            |                |              |              |                      |         |       |
| Total/NA  | Analysis   | TO-15                 | DL  | 2.47       | 400 mL         | 400 mL       | 46631        | 01/26/20 20:26       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSZZ |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-5-15**

**Lab Sample ID: 570-18467-10**

Date Collected: 01/20/20 09:24

Matrix: Air

Date Received: 01/20/20 15:06

| Prep Type | Batch Type | Batch Method          | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|-----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15                 |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 07:38       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSII |     |            |                |              |              |                      |         |       |
| Total/NA  | Analysis   | TO-15                 | DL  | 2.49       | 400 mL         | 400 mL       | 46631        | 01/26/20 21:16       | LEW3    | ECL 2 |
|           |            | Instrument ID: GCMSZZ |     |            |                |              |              |                      |         |       |



# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-6-5**

**Date Collected: 01/20/20 09:43**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-11**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 45987        | 01/24/20 08:32       | LEW3    | ECL 2 |
| Instrument ID: GCMSII |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-6-15**

**Date Collected: 01/20/20 09:44**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-12**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2          | 400 mL         | 400 mL       | 47002        | 01/25/20 18:20       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-7-5**

**Date Collected: 01/20/20 09:53**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-13**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 11.36      | 400 mL         | 400 mL       | 47002        | 01/25/20 19:08       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-7-15**

**Date Collected: 01/20/20 09:54**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-14**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.72       | 400 mL         | 400 mL       | 47002        | 01/25/20 20:01       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: AA\_20200120**

**Date Collected: 01/20/20 10:20**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-15**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.88       | 400 mL         | 400 mL       | 47002        | 01/25/20 20:53       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-8-5**

**Date Collected: 01/20/20 10:16**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-16**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 6.2        | 400 mL         | 400 mL       | 47002        | 01/25/20 21:40       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-8-15**

**Date Collected: 01/20/20 10:17**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-17**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 6.12       | 400 mL         | 400 mL       | 47002        | 01/25/20 22:28       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-9-5**

**Date Collected: 01/20/20 12:49**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-18**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.88       | 400 mL         | 400 mL       | 47002        | 01/25/20 23:20       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-9-15**

**Date Collected: 01/20/20 12:50**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-19**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.84       | 400 mL         | 400 mL       | 47002        | 01/26/20 00:12       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-10-5**

**Date Collected: 01/20/20 12:22**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-20**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 4.38       | 400 mL         | 400 mL       | 47002        | 01/26/20 01:01       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-10-15**

**Date Collected: 01/20/20 12:23**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-21**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 3.36       | 400 mL         | 400 mL       | 47002        | 01/26/20 01:52       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-11-5**

**Date Collected: 01/20/20 12:11**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-22**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 4          | 400 mL         | 400 mL       | 47002        | 01/26/20 02:39       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-11-15**

**Date Collected: 01/20/20 12:12**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-23**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.61       | 400 mL         | 400 mL       | 47002        | 01/26/20 03:30       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-12-5**

**Date Collected: 01/20/20 11:50**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-24**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 3.06       | 400 mL         | 400 mL       | 47002        | 01/26/20 04:20       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-12-15**

**Date Collected: 01/20/20 11:51**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-25**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 47002        | 01/26/20 05:12       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-13-5**

**Date Collected: 01/20/20 11:11**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-26**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 1          | 400 mL         | 400 mL       | 47002        | 01/26/20 06:03       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-13-15**

**Date Collected: 01/20/20 11:12**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-27**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.05       | 400 mL         | 400 mL       | 47002        | 01/26/20 06:56       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-14-5**

**Date Collected: 01/20/20 11:00**

**Date Received: 01/20/20 15:06**

**Lab Sample ID: 570-18467-28**

**Matrix: Air**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Analysis   | TO-15        |     | 2.46       | 400 mL         | 400 mL       | 47002        | 01/26/20 07:47       | V2NZ    | ECL 2 |
| Instrument ID: GCMSNN |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

**Client Sample ID: SV-14-15**

**Lab Sample ID: 570-18467-29**

**Date Collected: 01/20/20 11:01**

**Matrix: Air**

**Date Received: 01/20/20 15:06**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Analysis   | TO-15        |     | 2.37       | 400 mL         | 400 mL       | 47002        | 01/26/20 08:40       | V2NZ    | ECL 2 |

Instrument ID: GCMSNN

**Laboratory References:**

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

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# Accreditation/Certification Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority  | Program                                    | Identification Number | Expiration Date |
|------------|--|-----------------------|-----------------|
| Arizona    | State                                      | AZ0781                | 03-13-20        |
| California | Los Angeles County Sanitation<br>Districts | 10109                 | 09-29-20        |
| California | SCAQMD LAP                                 | 17LA0919              | 11-30-20        |
| California | State                                      | 2944                  | 09-29-20        |
| Guam       | State                                      | 20-003R               | 10-31-20        |
| Hawaii     | State                                      | <cert No.>            | 07-02-20        |
| Nevada     | State                                      | CA00111               | 07-31-20        |
| Oregon     | NELAP                                      | CA300001              | 01-29-20        |

# Method Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|---|----------|------------|
| TO-15  | Volatile Organic Compounds in Ambient Air | EPA      | ECL 2      |

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



# Sample Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18467-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID                       |
|---------------|------------------|--------|----------------|----------------|--------------------------------|
| 570-18467-1   | SV-1-15          | Air    | 01/20/20 07:33 | 01/20/20 15:06 | Air Canister (1-Liter) #SLC167 |
| 570-18467-2   | SV-1-5           | Air    | 01/20/20 07:50 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1200 |
| 570-18467-3   | SV-2-5           | Air    | 01/20/20 08:11 | 01/20/20 15:06 | Air Canister (1-Liter) #LC848  |
| 570-18467-4   | SV-2-15          | Air    | 01/20/20 08:12 | 01/20/20 15:06 | Air Canister (1-Liter) #SLC113 |
| 570-18467-5   | SV-3-5           | Air    | 01/20/20 08:38 | 01/20/20 15:06 | Air Canister (1-Liter) #LC801  |
| 570-18467-6   | SV-3-11          | Air    | 01/20/20 08:39 | 01/20/20 15:06 | Air Canister (1-Liter) #LC712  |
| 570-18467-7   | SV-4-5           | Air    | 01/20/20 08:56 | 01/20/20 15:06 | Air Canister (1-Liter) #LC588  |
| 570-18467-8   | SV-4-15          | Air    | 01/20/20 08:57 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1016 |
| 570-18467-9   | SV-5-5           | Air    | 01/20/20 09:23 | 01/20/20 15:06 | Air Canister (1-Liter) #LC710  |
| 570-18467-10  | SV-5-15          | Air    | 01/20/20 09:24 | 01/20/20 15:06 | Air Canister (1-Liter) #LC015  |
| 570-18467-11  | SV-6-5           | Air    | 01/20/20 09:43 | 01/20/20 15:06 | Air Canister (1-Liter) #LC142  |
| 570-18467-12  | SV-6-15          | Air    | 01/20/20 09:44 | 01/20/20 15:06 | Air Canister (1-Liter) #LC310  |
| 570-18467-13  | SV-7-5           | Air    | 01/20/20 09:53 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1159 |
| 570-18467-14  | SV-7-15          | Air    | 01/20/20 09:54 | 01/20/20 15:06 | Air Canister (1-Liter) #LC233  |
| 570-18467-15  | AA_20200120      | Air    | 01/20/20 10:20 | 01/20/20 15:06 | Air Canister (1-Liter) #LC955  |
| 570-18467-16  | SV-8-5           | Air    | 01/20/20 10:16 | 01/20/20 15:06 | Air Canister (1-Liter) #LC215  |
| 570-18467-17  | SV-8-15          | Air    | 01/20/20 10:17 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1248 |
| 570-18467-18  | SV-9-5           | Air    | 01/20/20 12:49 | 01/20/20 15:06 | Air Canister (1-Liter) #LC621  |
| 570-18467-19  | SV-9-15          | Air    | 01/20/20 12:50 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1087 |
| 570-18467-20  | SV-10-5          | Air    | 01/20/20 12:22 | 01/20/20 15:06 | Air Canister (1-Liter) #LC376  |
| 570-18467-21  | SV-10-15         | Air    | 01/20/20 12:23 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1274 |
| 570-18467-22  | SV-11-5          | Air    | 01/20/20 12:11 | 01/20/20 15:06 | Air Canister (1-Liter) #LC567  |
| 570-18467-23  | SV-11-15         | Air    | 01/20/20 12:12 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1220 |
| 570-18467-24  | SV-12-5          | Air    | 01/20/20 11:50 | 01/20/20 15:06 | Air Canister (1-Liter) #LC835  |
| 570-18467-25  | SV-12-15         | Air    | 01/20/20 11:51 | 01/20/20 15:06 | Air Canister (1-Liter) #LC233  |
| 570-18467-26  | SV-13-5          | Air    | 01/20/20 11:11 | 01/20/20 15:06 | Air Canister (1-Liter) #LC864  |
| 570-18467-27  | SV-13-15         | Air    | 01/20/20 11:12 | 01/20/20 15:06 | Air Canister (1-Liter) #SLC073 |
| 570-18467-28  | SV-14-5          | Air    | 01/20/20 11:00 | 01/20/20 15:06 | Air Canister (1-Liter) #LC1016 |
| 570-18467-29  | SV-14-15         | Air    | 01/20/20 11:01 | 01/20/20 15:06 | Air Canister (1-Liter) #LC562  |



1 Technology Drive, Suite C515  
Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**


Site Location: **Rialto, CA**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRF**

Turnaround Time: **Standard**

| Sample Identification | Sample Date | Sample Time | Matrix     | No. of Cntrs. | Lab I.D. Number | Analyses  | Hold   |
|-----------------------|-------------|-------------|------------|---------------|-----------------|---|--|
| 1 SV- 1 - 15          | 01/20/20    | 0733        | Soil Vapor | 1             | 1               | <br>570-18467 Chain of Custody | VOCs (EPA Method TO-15) including fuel oxygenates and IPA (leak detection) |
| 2 SV- 1 - 5           | 01/20       | 0750        | Soil Vapor | 1             | 2               |   |  |
| 3 SV- 2 - 5           | 01/20       | 0811        | Soil Vapor | 1             | 3               |   |  |
| 4 SV- 2 - 15          | 01/20       | 0812        | Soil Vapor | 1             | 4               |   |  |
| 5 SV- 3 - 5           | 01/20       | 0838        | Soil Vapor | 1             | 5               |   |  |
| 6 SV- 3 - 11          | 01/20       | 0839        | Soil Vapor | 1             | 6               |   |  |
| 7 SV- 4 - 5           | 01/20       | 0856        | Soil Vapor | 1             | 7               |   |  |
| 8 SV- 4 - 15          | 01/20       | 0857        | Soil Vapor | 1             | 8               |   |  |
| 9 SV- 5 - 5           | 01/20       | 0923        | Soil Vapor | 1             | 9               |   |  |
| 10 SV- 5 - 15         | 01/20       | 0924        | Soil Vapor | 1             | 10              |   |  |
| 11 SV- 6 - 5          | 01/20       | 0943        | Soil Vapor | 1             | 11              |   |  |
| 12 SV- 6 - 15         | 01/20       | 0944        | Soil Vapor | 1             | 12              |   |  |
| 13 SV- 7 - 5          | 01/20       | 0953        | Soil Vapor | 1             | 13              |   |  |
| 14 SV- 7 - 15         | 01/20       | 0954        | Soil Vapor | 1             | 14              |   |  |
| 15 AA-20200120        | 01/20/20    | 1020        | Air        | 1             | 15              |   |  |

Please report VOCs in µg/m3

|  |                                       |  |                |
|--|---------------------------------------|--|----------------|
| Relinquished by<br>Printed Name: <u>Spencer Miller</u> Date: <u>1/20/20</u><br>Signature: <u>[Signature]</u> Time: <u>1506</u> | Company<br>Avocet Environmental, Inc. | Received by<br>Printed Name: <u>DANNY LE DANNGLE</u> Date: <u>1/20/20</u><br>Signature: <u>[Signature]</u> Time: <u>1506</u> | Company<br>ECI |
|--|---------------------------------------|--|----------------|

|   |   |  |
|---|---|--|
| <b>Sample Receipt</b><br>Total Containers: TAT<br>Temperature: °C _____ °F _____<br>COC Seal (Y/N/NA): Intact (Y/N) | <b>Billing Information</b><br>Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | <b>Special Instructions</b><br>Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br>ECI Job#57003839 |
|---|---|--|

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1/29/2020







1 Technology Drive, Suite C515  
Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**

Site Location: **Rialto, CA**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRF**

Turnaround Time: **Standard**

**Analyses**

| Sample Identification | Sample Date | Sample Time | Matrix     | No. of Cntrns. | Lab I.D. Number | VOCs (EPA Method TO-15) including fuel oxygenates and IPA (leak detection) | Hold |
|-----------------------|-------------|-------------|------------|----------------|-----------------|--|------|
| 16 SV- 8 - 5          | 01/20/20    | 10:16       | Soil Vapor | 1              | 16              | X  |      |
| 17 SV- 8 - 15         | 01/20       | 10:17       | Soil Vapor | 1              | 17              |  |      |
| 18 SV- 9 - 5          | 01/20       | 12:44       | Soil Vapor | 1              | 18              |  |      |
| 19 SV- 9 - 15         | 01/20       | 12:50       | Soil Vapor | 1              | 19              |  |      |
| 20 SV- 10 - 5         | 01/20       | 12:22       | Soil Vapor | 1              | 20              |  |      |
| 21 SV- 10 - 15        | 01/20       | 12:23       | Soil Vapor | 1              | 21              |  |      |
| 22 SV- 11 - 5         | 01/20       | 12:11       | Soil Vapor | 1              | 22              |  |      |
| 23 SV- 11 - 15        | 01/20       | 12:12       | Soil Vapor | 1              | 23              |  |      |
| 24 SV- 12 - 5         | 01/20       | 11:50       | Soil Vapor | 1              | 24              |  |      |
| 25 SV- 12 - 15        | 01/20       | 11:51       | Soil Vapor | 1              | 25              |  |      |
| 26 SV- 13 - 5         | 01/20       | 11:11       | Soil Vapor | 1              | 26              |  |      |
| 27 SV- 13 - 15        | 01/20       | 11:12       | Soil Vapor | 1              | 27              |  |      |
| 28 SV- 14 - 5         | 01/20       | 11:00       | Soil Vapor | 1              | 28              |  |      |
| 29 SV- 14 - 15        | 01/20       | 11:01       | Soil Vapor | 1              | 29              |  |      |

Please report VOCs in µg/m3

|                                      |                      |                            |                               |                      |                |
|--------------------------------------|----------------------|----------------------------|-------------------------------|----------------------|----------------|
| <b>Relinquished by</b>               |                      | <b>Company</b>             | <b>Received by</b>            |                      | <b>Company</b> |
| Printed Name: <i>SPencer Felkner</i> | Date: <i>1/20/20</i> | Avocet Environmental, Inc. | Printed Name: <i>DANNY LE</i> | Date: <i>1/20/20</i> | ECI            |
| Signature: <i>[Signature]</i>        | Time: <i>15:06</i>   |                            | Signature: <i>[Signature]</i> | Time: <i>15:06</i>   |                |
| Printed Name: _____                  | Date: _____          |                            | Printed Name: _____           | Date: _____          |                |
| Signature: _____                     | Time: _____          |                            | Signature: _____              | Time: _____          |                |
| Printed Name: _____                  | Date: _____          |                            | Printed Name: _____           | Date: _____          |                |
| Signature: _____                     | Time: _____          |                            | Signature: _____              | Time: _____          |                |

|                          |                     |   |   |
|--------------------------|---------------------|---|---|
| <b>Sample Receipt</b>    |                     | <b>Billing Information</b>  | <b>Special Instructions</b>   |
| Total Containers: _____  | TAT: _____          | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |
| Temperature: _____ °C    | Lab No.: _____      |   |   |
| COC Seal (Y/N/NA): _____ | Intact (Y/N): _____ |   |   |

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## Login Sample Receipt Checklist

Client: Avocet Environmental Inc

Job Number: 570-18467-1

**Login Number: 18467**

**List Number: 1**

**Creator: Andujo, Italy**

**List Source: Eurofins Calscience**

| 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.  | False  | Thermal preservation not required. |
| 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").  | N/A    |                                    |
| Multiphasic samples are not present.   | True   |                                    |
| Samples do not require splitting or compositing.                                 | True   |                                    |
| Residual Chlorine Checked.   | N/A    |                                    |

## Summa Canister Dilution Worksheet

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job No.: 570-18467-1

| Lab Sample ID | Canister Volume (L) | Presampling Pressure ("Hg) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date           | Analyst Initials |
|---------------|---------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------------|-------------------------|---------------------|---------------------|-----------------|-----------------------|-------------------|----------------|------------------|
| 570-18467-1   | 1                   | -29.5                      | -0.4                       | 0.99                       | 0.99                   | -0.19646<br>2            | 0.99                    | 0.99                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:23 | WMI4             |
| 570-18467-2   | 1                   | -29.5                      | -6.8                       | 0.77                       | 0.77                   | -3.33985                 | 0.77                    | 0.77                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:23 | WMI4             |
| 570-18467-3   | 1                   | -29.5                      | -0.8                       | 0.97                       | 0.97                   | -0.39292<br>3            | 0.97                    | 0.97                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:24 | WMI4             |
| 570-18467-3   | 1                   | -29.5                      | 5                          | 0.56                       | 0.56                   | 5                        | 1.34                    | 1.34                |                     | 2.41            | 2.41                  | Air MG-6          | 01/24/20 17:21 | S8WJ             |
| 570-18467-3   | 1                   | -29.5                      | 5.0                        | 0.52                       | 0.52                   | 5.0                      | 1.34                    | 1.34                |                     | 2.58            | 6.23                  | AIR MG-6          | 01/26/20 10:32 | V2NZ             |
| 570-18467-4   | 1                   | -29.5                      | -5                         | 0.83                       | 0.83                   | -2.45577                 | 0.83                    | 0.83                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:24 | WMI4             |
| 570-18467-5   | 1                   | -29.5                      | -1.2                       | 0.96                       | 0.96                   | -0.58938<br>5            | 0.96                    | 0.96                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:24 | WMI4             |
| 570-18467-5   | 1                   | -29.5                      | 5                          | 0.53                       | 0.53                   | 5                        | 1.34                    | 1.34                |                     | 2.53            | 2.53                  | Air MG-6          | 01/24/20 17:22 | S8WJ             |
| 570-18467-6   | 1                   | -29.5                      | -3.6                       | 0.88                       | 0.88                   | -1.76815                 | 0.88                    | 0.88                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:25 | WMI4             |
| 570-18467-6   | 1                   | -29.5                      | 5                          | 0.46                       | 0.46                   | 5                        | 1.34                    | 1.34                |                     | 2.90            | 2.90                  | Air MG-6          | 01/24/20 17:23 | S8WJ             |
| 570-18467-7   | 1                   | -29.5                      | -5.2                       | 0.83                       | 0.83                   | -2.554                   | 0.83                    | 0.83                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:25 | WMI4             |
| 570-18467-7   | 1                   | -29.5                      | 5                          | 0.44                       | 0.44                   | 5                        | 1.34                    | 1.34                |                     | 3.03            | 3.03                  | Air MG-6          | 01/24/20 17:24 | S8WJ             |
| 570-18467-8   | 1                   | -29.5                      | -3.2                       | 0.89                       | 0.89                   | -1.57169                 | 0.89                    | 0.89                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:25 | WMI4             |
| 570-18467-9   | 1                   | -29.5                      | -4                         | 0.87                       | 0.87                   | -1.96462                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:26 | WMI4             |
| 570-18467-9   | 1                   | -29.5                      | 5                          | 0.54                       | 0.54                   | 5                        | 1.34                    | 1.34                |                     | 2.47            | 2.47                  | Air MG-6          | 01/24/20 17:26 | S8WJ             |
| 570-18467-10  | 1                   | -29.5                      | -1.8                       | 0.94                       | 0.94                   | -0.88407<br>7            | 0.94                    | 0.94                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:26 | WMI4             |
| 570-18467-10  | 1                   | -29.5                      | 5                          | 0.54                       | 0.54                   | 5                        | 1.34                    | 1.34                |                     | 2.49            | 2.49                  | Air MG-6          | 01/24/20 17:27 | S8WJ             |
| 570-18467-11  | 1                   | -29.5                      | -2.2                       | 0.93                       | 0.93                   | -1.08054                 | 0.93                    | 0.93                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:27 | WMI4             |
| 570-18467-12  | 1                   | -29.5                      | -2.2                       | 0.93                       | 0.93                   | -1.08054                 | 0.93                    | 0.93                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:27 | WMI4             |

## Summa Canister Dilution Worksheet

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job No.: 570-18467-1

| Lab Sample ID | Canister Volume (L) | Presampling Pressure ("Hg) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date           | Analyst Initials |
|---------------|---------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------------|-------------------------|---------------------|---------------------|-----------------|-----------------------|-------------------|----------------|------------------|
| 570-18467-13  | 1                   | -29.5                      | -4                         | 0.87                       | 0.87                   | -1.96462                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:27 | WMI4             |
| 570-18467-13  | 1                   | -29.5                      | 5                          | 0.47                       | 0.47                   | 5                        | 1.34                    | 1.34                |                     | 2.84            | 2.84                  | Air MG-6          | 01/25/20 12:20 | S8WJ             |
| 570-18467-14  | 1                   | -29.5                      | -3.8                       | 0.87                       | 0.87                   | -1.86639                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:28 | WMI4             |
| 570-18467-14  | 1                   | -29.5                      | 5                          | 0.49                       | 0.49                   | 5                        | 1.34                    | 1.34                |                     | 2.72            | 2.72                  | Air MG-6          | 01/25/20 12:17 | S8WJ             |
| 570-18467-15  | 1                   | -29.5                      | -4                         | 0.87                       | 0.87                   | -1.96462                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:28 | WMI4             |
| 570-18467-15  | 1                   | -29.5                      | 5                          | 0.47                       | 0.47                   | 5                        | 1.34                    | 1.34                |                     | 2.88            | 2.88                  | Air MG-6          | 01/25/20 12:38 | S8WJ             |
| 570-18467-16  | 1                   | -29.5                      | -2.5                       | 0.92                       | 0.92                   | -1.22789                 | 0.92                    | 0.92                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:29 | WMI4             |
| 570-18467-16  | 1                   | -29.5                      | 5.2                        | 0.55                       | 0.55                   | 5.2                      | 1.35                    | 1.35                |                     | 2.48            | 2.48                  | Air MG-6          | 01/25/20 13:02 | S8WJ             |
| 570-18467-17  | 1                   | -29.5                      | -2.5                       | 0.92                       | 0.92                   | -1.22789                 | 0.92                    | 0.92                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:29 | WMI4             |
| 570-18467-17  | 1                   | -29.5                      | 5.5                        | 0.90                       | 0.90                   | 5.5                      | 1.37                    | 1.37                |                     | 1.53            | 1.53                  | Air MG-6          | 01/25/20 12:30 | S8WJ             |
| 570-18467-18  | 1                   | -29.5                      | -4                         | 0.87                       | 0.87                   | -1.96462                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:30 | WMI4             |
| 570-18467-18  | 1                   | -29.5                      | 5                          | 0.47                       | 0.47                   | 5                        | 1.34                    | 1.34                |                     | 2.88            | 2.88                  | Air MG-6          | 01/25/20 13:03 | S8WJ             |
| 570-18467-19  | 1                   | -29.5                      | -6.5                       | 0.78                       | 0.78                   | -3.1925                  | 0.78                    | 0.78                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:30 | WMI4             |
| 570-18467-19  | 1                   | -29.5                      | 5                          | 0.47                       | 0.47                   | 5                        | 1.34                    | 1.34                |                     | 2.84            | 2.84                  | Air MG-6          | 01/25/20 13:05 | S8WJ             |
| 570-18467-20  | 1                   | -29.5                      | -2.2                       | 0.93                       | 0.93                   | -1.08054                 | 0.93                    | 0.93                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:30 | WMI4             |
| 570-18467-20  | 1                   | -29.5                      | 5                          | 0.61                       | 0.61                   | 5                        | 1.34                    | 1.34                |                     | 2.19            | 2.19                  | Air MG-6          | 01/25/20 12:58 | S8WJ             |
| 570-18467-21  | 1                   | -29.5                      | -3                         | 0.90                       | 0.90                   | -1.47346                 | 0.90                    | 0.90                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:31 | WMI4             |
| 570-18467-21  | 1                   | -29.5                      | 5                          | 0.40                       | 0.40                   | 5                        | 1.34                    | 1.34                |                     | 3.36            | 3.36                  | Air MG-6          | 01/25/20 12:56 | S8WJ             |
| 570-18467-22  | 1                   | -29.5                      | -2.8                       | 0.91                       | 0.91                   | -1.37523                 | 0.91                    | 0.91                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:32 | WMI4             |
| 570-18467-23  | 1                   | -29.5                      | -2.2                       | 0.93                       | 0.93                   | -1.08054                 | 0.93                    | 0.93                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:33 | WMI4             |
| 570-18467-23  | 1                   | -29.5                      | 5.2                        | 0.52                       | 0.52                   | 5.2                      | 1.35                    | 1.35                |                     | 2.61            | 2.61                  | Air MG-6          | 01/25/20 12:43 | S8WJ             |

## Summa Canister Dilution Worksheet

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job No.: 570-18467-1

| Lab Sample ID | Canister Volume (L) | Presampling Pressure ("Hg) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date           | Analyst Initials |
|---------------|---------------------|----------------------------|----------------------------|----------------------------|------------------------|--------------------------|-------------------------|---------------------|---------------------|-----------------|-----------------------|-------------------|----------------|------------------|
| 570-18467-24  | 1                   | -29.5                      | -5.8                       | 0.81                       | 0.81                   | -2.84869                 | 0.81                    | 0.81                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:33 | WMI4             |
| 570-18467-24  | 1                   | -29.5                      | 5                          | 0.44                       | 0.44                   | 5                        | 1.34                    | 1.34                |                     | 3.06            | 3.06                  | Air MG-6          | 01/25/20 12:54 | S8WJ             |
| 570-18467-25  | 1                   | -29.5                      | -3                         | 0.90                       | 0.90                   | -1.47346                 | 0.90                    | 0.90                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:37 | WMI4             |
| 570-18467-26  | 1                   | -29.5                      | -3.8                       | 0.87                       | 0.87                   | -1.86639                 | 0.87                    | 0.87                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:37 | WMI4             |
| 570-18467-27  | 1                   | -29.5                      | -5.5                       | 0.82                       | 0.82                   | -2.70135                 | 0.82                    | 0.82                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:38 | WMI4             |
| 570-18467-27  | 1                   | -29.5                      | 5                          | 0.65                       | 0.65                   | 5                        | 1.34                    | 1.34                |                     | 2.05            | 2.05                  | Air MG-6          | 01/25/20 12:45 | S8WJ             |
| 570-18467-28  | 1                   | -29.5                      | -1.2                       | 0.96                       | 0.96                   | -0.58938                 | 0.96                    | 0.96                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:38 | WMI4             |
| 570-18467-28  | 1                   | -29.5                      | 5                          | 0.55                       | 0.55                   | 5                        | 1.34                    | 1.34                |                     | 2.46            | 2.46                  | Air MG-6          | 01/25/20 12:40 | S8WJ             |
| 570-18467-29  | 1                   | -29.5                      | -1.2                       | 0.96                       | 0.96                   | -0.58938                 | 0.96                    | 0.96                |                     | 1.00            | 1.00                  | AIR MG-6          | 01/21/20 11:39 | WMI4             |
| 570-18467-29  | 1                   | -29.5                      | 5                          | 0.57                       | 0.57                   | 5                        | 1.34                    | 1.34                |                     | 2.37            | 2.37                  | Air MG-6          | 01/25/20 12:33 | S8WJ             |

**Formulae:**

- Preadjusted Volume (L) = ( Preadjusted Pressure ("Hg) + 29.92 "Hg \* Vol L ) / 29.92 "Hg
- Adjusted Volume (L) = ( Adjusted Pressure (psig) + 14.7 psig \* Vol L ) / 14.7 psig
- Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

**Where:**

- 29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
- 14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-18406-1

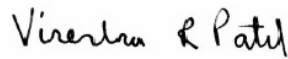
Laboratory Sample Delivery Group: 1636.002

Client Project/Site: Transwestern - Rialto, CA - Phase II

**For:**

Avocet Environmental Inc  
1 Technology Drive  
Suite C515  
Irvine, California 92618

Attn: Darren Brandner



---

Authorized for release by:  
1/23/2020 4:22:16 PM

Virendra Patel, Project Manager I  
(714)895-5494  
[virendrapatel@eurofinsus.com](mailto:virendrapatel@eurofinsus.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Definitions/Glossary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description                     |
|-----------|---|
| *         | LCS or LCSD is outside acceptance limits. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description                                |
|-----------|--|
| F1        | MS and/or MSD Recovery is outside acceptance limits. |

### Metals

| Qualifier | Qualifier Description  |
|-----------|--|
| F1        | MS and/or MSD Recovery is outside acceptance limits.                                 |
| 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.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| 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)   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| PQL            | Practical Quantitation Limit  |
| 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)   |



# Case Narrative

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

**Job ID: 570-18406-1**

**Laboratory: Eurofins Calscience LLC**

## Narrative

### Job Narrative 570-18406-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 1/16/2020 3:47 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

#### Receipt Exceptions

No collection date listed on the COC. Logged in per sample label.

The clients office was contacted for direction/clarification. The laboratory was provided revised COC pages with the sample collection date filled in for all samples. Please refer to the COC section of the report for details.

#### GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-45219.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-45187.

Method 8260B: The initial calibration curve analyzed in batch 570-45187 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.

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 matrix spike(MS) recoveries for preparation batch 570-45343 and analytical batch 570-45873 were outside control limits. Sample matrix interference is 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.

#### 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 570-45584 and analytical batch 570-45809 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: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: SV-12\_18 (570-18406-5), SV-10\_20 (570-18406-14) and SV-6\_20 (570-18406-19).  
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum and Selenium was greater than the method reporting limit (RL) in the following sample: SV-7\_20 (570-18406-24).  
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Selenium and Silver was greater than the method reporting limit (RL) in the following sample: SV-14\_22 (570-18406-32).

## Case Narrative

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

---

### Job ID: 570-18406-1 (Continued)

---

#### Laboratory: Eurofins Calscience LLC (Continued)

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

Method 5035: The following samples were received in pre-weighed containers with a label that was added in the field, which would cause a slight low bias in the final results. SV-12\_10 (570-18406-3), SV-12\_18 (570-18406-5), SV-11\_10 (570-18406-8), SV-11\_16 (570-18406-9), SV-10\_15 (570-18406-13), SV-10\_20 (570-18406-14), SV-6\_15 (570-18406-18), SV-6\_20 (570-18406-19), SV-7\_15 (570-18406-23), SV-7\_20 (570-18406-24), SV-14\_15 (570-18406-30) and SV-14\_22 (570-18406-32). Vials B, C and D

Method 5035: This vial initial weight label was damaged and became illegible.

SV-6\_20 (570-18406-19) vial B

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## Client Sample ID: SV-12\_10

Lab Sample ID: 570-18406-3

No Detections.

## Client Sample ID: SV-12\_18

Lab Sample ID: 570-18406-5

| Analyte    | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Arsenic    | 2.45   |           | 0.750 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium     | 21.6   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt     | 3.56   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium   | 8.75   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper     | 9.88   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Molybdenum | 1.21   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel     | 9.34   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium   | 11.7   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc       | 15.0   |           | 1.00  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead       | 2.12   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-11\_10

Lab Sample ID: 570-18406-8

No Detections.

## Client Sample ID: SV-11\_16

Lab Sample ID: 570-18406-9

| Analyte                         | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Diesel Range Organics [C10-C28] | 6.0    |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic                         | 2.41   |           | 0.750 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium                          | 20.4   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt                          | 2.42   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium                        | 4.87   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper                          | 6.65   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel                          | 4.87   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium                        | 9.83   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc                            | 13.6   |           | 1.00  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead                            | 3.68   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-10\_15

Lab Sample ID: 570-18406-13

No Detections.

## Client Sample ID: SV-10\_20

Lab Sample ID: 570-18406-14

| Analyte    | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Arsenic    | 3.88   |           | 0.746 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium     | 32.9   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium  | 0.284  |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt     | 4.04   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium   | 9.59   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper     | 11.6   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Molybdenum | 0.525  |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel     | 7.36   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium   | 16.8   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc       | 21.6   |           | 0.995 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead       | 2.72   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-6\_15

Lab Sample ID: 570-18406-18

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## Client Sample ID: SV-6\_20

## Lab Sample ID: 570-18406-19

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Arsenic   | 1.57   |           | 0.725 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium    | 80.8   |           | 0.483 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.588  |           | 0.242 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 5.56   |           | 0.242 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 6.91   |           | 0.242 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 6.35   |           | 0.483 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 6.36   |           | 0.242 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Thallium  | 1.44   |           | 0.725 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 24.5   |           | 0.242 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 29.5   |           | 0.966 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead      | 1.19   |           | 0.483 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-7\_15

## Lab Sample ID: 570-18406-23

No Detections.

## Client Sample ID: SV-7\_20

## Lab Sample ID: 570-18406-24

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Barium    | 44.4   |           | 0.476 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.293  |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 5.30   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 4.70   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 10.4   |           | 0.476 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 4.41   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Thallium  | 1.12   |           | 0.714 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 24.0   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 38.0   |           | 0.952 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: EB\_20200116

## Lab Sample ID: 570-18406-28

No Detections.

## Client Sample ID: TB\_20200116

## Lab Sample ID: 570-18406-29

No Detections.

## Client Sample ID: SV-14\_15

## Lab Sample ID: 570-18406-30

No Detections.

## Client Sample ID: SV-14\_22

## Lab Sample ID: 570-18406-32

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Arsenic   | 2.21   |           | 0.721 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium    | 69.4   |           | 0.481 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.311  |           | 0.240 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 6.42   |           | 0.240 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 4.77   |           | 0.240 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 2.47   |           | 0.481 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 5.11   |           | 0.240 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Thallium  | 1.63   |           | 0.721 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 27.0   |           | 0.240 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 29.5   |           | 0.962 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead      | 0.709  |           | 0.481 | mg/Kg | 1       |   | 6010B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SV-12\_10**  
**Date Collected: 01/16/20 07:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-3**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 2-Butanone                            | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 2-Hexanone                            | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Acetone                               | ND     |           | 34   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Benzene                               | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Bromobenzene                          | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Bromochloromethane                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Bromodichloromethane                  | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Bromoform                             | ND     |           | 3.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Bromomethane                          | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Carbon disulfide                      | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Chlorobenzene                         | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Chloroethane                          | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Chloroform                            | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Chloromethane                         | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Dibromochloromethane                  | ND     | *         | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Dibromomethane                        | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Ethanol                               | ND     |           | 340  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Ethylbenzene                          | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-12\_10**  
**Date Collected: 01/16/20 07:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-3**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Isopropylbenzene              | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Methylene Chloride            | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Naphthalene                   | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| n-Butylbenzene                | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| o-Xylene                      | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| sec-Butylbenzene              | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Styrene                       | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| tert-Butylbenzene             | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Tetrachloroethene             | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Toluene                       | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Trichlorofluoromethane        | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Vinyl acetate                 | ND     |           | 6.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Vinyl chloride                | ND     |           | 0.69 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 14:55 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Dibromofluoromethane (Surr)  | 93        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 14:55 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 14:55 | 1       |

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,3,5-Trimethylbenzene        | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,3-Dichloropropane           | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 2,2-Dichloropropane           | ND     |           | 3.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 2-Butanone                    | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 2-Hexanone                    | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Acetone                       | ND     |           | 35   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Benzene                       | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Bromobenzene                  | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Bromochloromethane            | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Bromodichloromethane          | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Bromoform                     | ND     |           | 3.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Bromomethane                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Carbon disulfide              | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Carbon tetrachloride          | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Chlorobenzene                 | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Chloroethane                  | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Chloroform                    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Chloromethane                 | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Dibromochloromethane          | ND *   |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Dibromomethane                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Ethanol                       | ND     |           | 350  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Ethylbenzene                  | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Isopropylbenzene              | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Methylene Chloride            | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Naphthalene                   | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| n-Butylbenzene                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| o-Xylene                      | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| sec-Butylbenzene              | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Styrene                       | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| tert-Butylbenzene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Tetrachloroethene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Toluene                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Trichloroethene        | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Trichlorofluoromethane | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Vinyl acetate          | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Vinyl chloride         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:22 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 15:22 | 1       |
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 15:22 | 1       |

**Client Sample ID: SV-11\_10**  
**Date Collected: 01/16/20 09:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-8**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 8.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 8.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 4.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 2-Butanone                            | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 2-Hexanone                            | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Acetone                               | ND     |           | 41   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Benzene                               | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Bromobenzene                          | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Bromochloromethane                    | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Bromodichloromethane                  | ND     |           | 0.81 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Bromoform                             | ND     |           | 4.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Bromomethane                          | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 15:49 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-11\_10**  
**Date Collected: 01/16/20 09:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-8**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| cis-1,2-Dichloroethene        | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Carbon disulfide              | ND     |           | 8.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Carbon tetrachloride          | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Chlorobenzene                 | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Chloroethane                  | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Chloroform                    | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Chloromethane                 | ND     |           | 16   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Dibromochloromethane          | ND     | *         | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Dibromomethane                | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Ethanol                       | ND     |           | 410  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Ethylbenzene                  | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Isopropylbenzene              | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Methylene Chloride            | ND     |           | 8.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Naphthalene                   | ND     |           | 8.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| n-Butylbenzene                | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| N-Propylbenzene               | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| o-Xylene                      | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| m,p-Xylene                    | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| sec-Butylbenzene              | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Styrene                       | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 16   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| tert-Butylbenzene             | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Tetrachloroethene             | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Toluene                       | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Trichloroethene               | ND     |           | 1.6  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Trichlorofluoromethane        | ND     |           | 8.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Vinyl acetate                 | ND     |           | 8.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| Vinyl chloride                | ND     |           | 0.81 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 15:49 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 112       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 94        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 15:49 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 15:49 | 1       |

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1,1-Trichloroethane     | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Acetone                               | ND     |           | 38   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Benzene                               | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Bromobenzene                          | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Bromochloromethane                    | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Bromodichloromethane                  | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Bromoform                             | ND     |           | 3.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Bromomethane                          | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Carbon disulfide                      | ND     |           | 7.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Chlorobenzene                         | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Chloroethane                          | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Chloroform                            | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Chloromethane                         | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Dibromochloromethane                  | ND     | *         | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Dibromomethane                        | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Ethanol                               | ND     |           | 380  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Ethylbenzene                          | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Isopropylbenzene                      | ND     |           | 0.77 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Methylene Chloride                    | ND     |           | 7.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:16 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Naphthalene                   | ND     |           | 7.7  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| n-Butylbenzene                | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| o-Xylene                      | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| sec-Butylbenzene              | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Styrene                       | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| tert-Butylbenzene             | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Tetrachloroethene             | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Toluene                       | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.7  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Vinyl acetate                 | ND     |           | 7.7  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| Vinyl chloride                | ND     |           | 0.77 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:16 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 116       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 97        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 16:16 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 98        |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 16:16 | 1       |

**Client Sample ID: SV-10\_15**  
**Date Collected: 01/16/20 09:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-13**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.74 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 16:43 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-10\_15**  
**Date Collected: 01/16/20 09:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-13**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,3-Dichloropropane           | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 2,2-Dichloropropane           | ND     |           | 3.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 2-Butanone                    | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Acetone                       | ND     |           | 37   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Benzene                       | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Bromobenzene                  | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Bromodichloromethane          | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Bromoform                     | ND     |           | 3.7  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Carbon disulfide              | ND     |           | 7.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Carbon tetrachloride          | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Chlorobenzene                 | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Chloroform                    | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Dibromochloromethane          | ND     | *         | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Dibromomethane                | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Ethylbenzene                  | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Isopropylbenzene              | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Methylene Chloride            | ND     |           | 7.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Naphthalene                   | ND     |           | 7.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| n-Butylbenzene                | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| o-Xylene                      | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| sec-Butylbenzene              | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Styrene                       | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| tert-Butylbenzene             | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Tetrachloroethene             | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Toluene                       | ND     |           | 0.74 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-10\_15**  
**Date Collected: 01/16/20 09:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-13**  
**Matrix: Solid**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Trichlorofluoromethane       | ND        |           | 7.4      | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Vinyl acetate                | ND        |           | 7.4      | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Vinyl chloride               | ND        |           | 0.74     | ug/Kg |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 71 - 155 |       |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 79 - 133 |       |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 16:43 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 2-Butanone                            | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 2-Hexanone                            | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Acetone                               | ND     |           | 34   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Benzene                               | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Bromobenzene                          | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Bromochloromethane                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Bromodichloromethane                  | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Bromoform                             | ND     |           | 3.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Bromomethane                          | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Carbon disulfide              | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Carbon tetrachloride          | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Chlorobenzene                 | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Chloroethane                  | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Chloroform                    | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Chloromethane                 | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Dibromochloromethane          | ND     | *         | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Dibromomethane                | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Ethanol                       | ND     |           | 340  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Ethylbenzene                  | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Isopropylbenzene              | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Methylene Chloride            | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Naphthalene                   | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| n-Butylbenzene                | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| o-Xylene                      | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| sec-Butylbenzene              | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Styrene                       | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| tert-Butylbenzene             | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Tetrachloroethene             | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Toluene                       | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Trichlorofluoromethane        | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Vinyl acetate                 | ND     |           | 6.8  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| Vinyl chloride                | ND     |           | 0.68 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:10 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 115       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 106       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 96        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 17:10 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 17:10 | 1       |

**Client Sample ID: SV-6\_15**  
**Date Collected: 01/16/20 11:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-18**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_15**  
**Date Collected: 01/16/20 11:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-18**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,2-Trichloroethane       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,1-Dichloropropene         | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2-Dibromoethane           | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 2,2-Dichloropropane         | ND     |           | 3.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 2-Butanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 2-Hexanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Acetone                     | ND     |           | 39   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Benzene                     | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Bromobenzene                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Bromochloromethane          | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Bromodichloromethane        | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Bromoform                   | ND     |           | 3.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Bromomethane                | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| cis-1,3-Dichloropropane     | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Carbon disulfide            | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Carbon tetrachloride        | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Chlorobenzene               | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Chloroethane                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Chloroform                  | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Chloromethane               | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Dibromochloromethane        | ND     | *         | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Dibromomethane              | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Dichlorodifluoromethane     | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Di-isopropyl ether (DIPE)   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Ethanol                     | ND     |           | 390  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Ethylbenzene                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Isopropylbenzene            | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Methylene Chloride          | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Naphthalene                 | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_15**  
**Date Collected: 01/16/20 11:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-18**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| n-Butylbenzene                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| N-Propylbenzene               | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| o-Xylene                      | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| m,p-Xylene                    | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| sec-Butylbenzene              | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Styrene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| tert-Butylbenzene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Tetrachloroethene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Toluene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Trichloroethene               | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Vinyl acetate                 | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Vinyl chloride                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 17:37 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 17:37 | 1       |
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 17:37 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2,2-Dichloropropane           | ND     |           | 3.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 2-Butanone                    | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Acetone                       | ND     |           | 36   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Benzene                       | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Bromobenzene                  | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Bromodichloromethane          | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Bromoform                     | ND     |           | 3.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Carbon disulfide              | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Carbon tetrachloride          | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Chlorobenzene                 | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Chloroform                    | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Dibromochloromethane          | ND *   |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Dibromomethane                | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Ethanol                       | ND     |           | 360  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Ethylbenzene                  | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Isopropylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Methylene Chloride            | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Naphthalene                   | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| n-Butylbenzene                | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| o-Xylene                      | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| sec-Butylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Styrene                       | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| tert-Butylbenzene             | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Tetrachloroethene             | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Toluene                       | ND     |           | 0.73 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Vinyl acetate                 | ND     |           | 7.3  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Vinyl chloride               | ND        |           | 0.73     | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 71 - 155 |       |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 79 - 133 |       |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 18:04 | 1       |

**Client Sample ID: SV-7\_15**  
**Date Collected: 01/16/20 11:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-23**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 2-Butanone                            | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 2-Hexanone                            | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Acetone                               | ND     |           | 39   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Benzene                               | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Bromobenzene                          | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Bromochloromethane                    | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Bromodichloromethane                  | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Bromoform                             | ND     |           | 3.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Bromomethane                          | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Carbon disulfide                      | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-7\_15**  
**Date Collected: 01/16/20 11:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-23**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Chlorobenzene                 | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Chloroethane                  | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Chloroform                    | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Chloromethane                 | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Dibromochloromethane          | ND     | *         | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Dibromomethane                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Ethanol                       | ND     |           | 390  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Ethylbenzene                  | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Isopropylbenzene              | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Methylene Chloride            | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Naphthalene                   | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| n-Butylbenzene                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| N-Propylbenzene               | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| o-Xylene                      | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| m,p-Xylene                    | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| sec-Butylbenzene              | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Styrene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| tert-Butylbenzene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Tetrachloroethene             | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Toluene                       | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Trichloroethene               | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Vinyl acetate                 | ND     |           | 7.9  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Vinyl chloride                | ND     |           | 0.79 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:31 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Dibromofluoromethane (Surr)  | 93        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 18:31 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 18:31 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethene          | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,1-Dichloropropene         | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2-Dibromoethane           | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 2,2-Dichloropropane         | ND     |           | 3.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 2-Butanone                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 2-Hexanone                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Acetone                     | ND     |           | 35   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Benzene                     | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Bromobenzene                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Bromochloromethane          | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Bromodichloromethane        | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Bromoform                   | ND     |           | 3.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Bromomethane                | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| cis-1,3-Dichloropropane     | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Carbon disulfide            | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Carbon tetrachloride        | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Chlorobenzene               | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Chloroethane                | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Chloroform                  | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Chloromethane               | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Dibromochloromethane        | ND     | *         | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Dibromomethane              | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Dichlorodifluoromethane     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Di-isopropyl ether (DIPE)   | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Ethanol                     | ND     |           | 350  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Ethylbenzene                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Isopropylbenzene            | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Methylene Chloride          | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Naphthalene                 | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| n-Butylbenzene              | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| N-Propylbenzene             | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| o-Xylene                      | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| sec-Butylbenzene              | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Styrene                       | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| tert-Butylbenzene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Tetrachloroethene             | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Toluene                       | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Vinyl acetate                 | ND     |           | 7.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Vinyl chloride                | ND     |           | 0.70 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 18:58 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Dibromofluoromethane (Surr)  | 93        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 18:58 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 18:58 | 1       |

**Client Sample ID: EB\_20200116**  
**Date Collected: 01/16/20 12:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-28**  
**Matrix: Water**

| Analyte                               | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 2-Butanone                            | ND     |           | 20   | ug/L |   |          | 01/20/20 19:02 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: EB\_20200116**  
**Date Collected: 01/16/20 12:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-28**  
**Matrix: Water**

| Analyte                       | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 2-Chlorotoluene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 2-Hexanone                    | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| 4-Chlorotoluene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Acetone                       | ND     |           | 20   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Benzene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Bromobenzene                  | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Bromochloromethane            | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Bromodichloromethane          | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Bromoform                     | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Bromomethane                  | ND     |           | 50   | ug/L |   |          | 01/20/20 19:02 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:02 | 1       |
| Carbon disulfide              | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Carbon tetrachloride          | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:02 | 1       |
| Chlorobenzene                 | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Chloroethane                  | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Chloroform                    | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Chloromethane                 | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Dibromochloromethane          | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Dibromomethane                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Dichlorodifluoromethane       | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Ethanol                       | ND     |           | 100  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Ethylbenzene                  | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Isopropylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Methylene Chloride            | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Naphthalene                   | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| n-Butylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| N-Propylbenzene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| o-Xylene                      | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| m,p-Xylene                    | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| p-Isopropyltoluene            | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| sec-Butylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Styrene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:02 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| tert-Butylbenzene             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Tetrachloroethene             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Toluene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Trichloroethene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:02 | 1       |
| Trichlorofluoromethane        | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Vinyl acetate                 | ND     |           | 10   | ug/L |   |          | 01/20/20 19:02 | 1       |
| Vinyl chloride                | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:02 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 80 - 129 |          | 01/20/20 19:02 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 77 - 120 |          | 01/20/20 19:02 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 80 - 128 |          | 01/20/20 19:02 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 01/20/20 19:02 | 1       |

**Client Sample ID: TB\_20200116**  
**Date Collected: 01/16/20 00:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-29**  
**Matrix: Water**

| Analyte                               | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 2-Butanone                            | ND     |           | 20   | ug/L |   |          | 01/20/20 19:29 | 1       |
| 2-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 2-Hexanone                            | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| 4-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Acetone                               | ND     |           | 20   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Benzene                               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Bromobenzene                          | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Bromochloromethane                    | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Bromoform                             | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Bromomethane                          | ND     |           | 50   | ug/L |   |          | 01/20/20 19:29 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| cis-1,3-Dichloropropane               | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:29 | 1       |
| Carbon disulfide                      | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:29 | 1       |
| Chlorobenzene                         | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Chloroethane                          | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Chloroform                            | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Chloromethane                         | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Dibromochloromethane                  | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB\_20200116**  
**Date Collected: 01/16/20 00:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-29**  
**Matrix: Water**

| Analyte                       | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Dibromomethane                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Dichlorodifluoromethane       | ND     |           | 5.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Ethanol                       | ND     |           | 100  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Ethylbenzene                  | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Isopropylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Methylene Chloride            | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Naphthalene                   | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| n-Butylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| N-Propylbenzene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| o-Xylene                      | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| m,p-Xylene                    | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| p-Isopropyltoluene            | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| sec-Butylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Styrene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:29 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 2.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| tert-Butylbenzene             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Tetrachloroethene             | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Toluene                       | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Trichloroethene               | ND     |           | 1.0  | ug/L |   |          | 01/20/20 19:29 | 1       |
| Trichlorofluoromethane        | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Vinyl acetate                 | ND     |           | 10   | ug/L |   |          | 01/20/20 19:29 | 1       |
| Vinyl chloride                | ND     |           | 0.50 | ug/L |   |          | 01/20/20 19:29 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 80 - 129 |          | 01/20/20 19:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 77 - 120 |          | 01/20/20 19:29 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 80 - 128 |          | 01/20/20 19:29 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 01/20/20 19:29 | 1       |

**Client Sample ID: SV-14\_15**  
**Date Collected: 01/16/20 13:35**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-30**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 8.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-14\_15**  
**Date Collected: 01/16/20 13:35**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-30**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 8.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2-Dibromoethane           | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 2,2-Dichloropropane         | ND     |           | 4.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 2-Butanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 2-Hexanone                  | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Acetone                     | ND     |           | 40   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Benzene                     | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Bromobenzene                | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Bromochloromethane          | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Bromodichloromethane        | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Bromoform                   | ND     |           | 4.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Bromomethane                | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Carbon disulfide            | ND     |           | 8.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Carbon tetrachloride        | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Chlorobenzene               | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Chloroethane                | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Chloroform                  | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Chloromethane               | ND     |           | 16   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Dibromochloromethane        | ND     | *         | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Dibromomethane              | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Dichlorodifluoromethane     | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Di-isopropyl ether (DIPE)   | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Ethanol                     | ND     |           | 400  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Ethylbenzene                | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Isopropylbenzene            | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Methylene Chloride          | ND     |           | 8.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Naphthalene                 | ND     |           | 8.0  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| n-Butylbenzene              | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| N-Propylbenzene             | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| o-Xylene                    | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| m,p-Xylene                  | ND     |           | 1.6  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| p-Isopropyltoluene          | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| sec-Butylbenzene            | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Styrene                     | ND     |           | 0.80 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-14\_15**  
**Date Collected: 01/16/20 13:35**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-30**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| trans-1,2-Dichloroethene      | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| trans-1,3-Dichloropropene     | ND        |           | 1.6      | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |           | 16       | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| tert-Butylbenzene             | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Tetrachloroethene             | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Toluene                       | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Trichloroethene               | ND        |           | 1.6      | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Trichlorofluoromethane        | ND        |           | 8.0      | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Vinyl acetate                 | ND        |           | 8.0      | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Vinyl chloride                | ND        |           | 0.80     | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr)  | 113       |           | 71 - 155 |       |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| 4-Bromofluorobenzene (Surr)   | 107       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Dibromofluoromethane (Surr)   | 95        |           | 79 - 133 |       |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |
| Toluene-d8 (Surr)             | 105       |           | 80 - 120 |       |   | 01/20/20 14:00 | 01/20/20 19:25 | 1       |

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.1  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.5  | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 2-Butanone                            | ND     |           | 14   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 2-Hexanone                            | ND     |           | 14   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.71 | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 14   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Acetone                               | ND     |           | 35   | ug/Kg | - | 01/20/20 14:00 | 01/20/20 19:53 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Benzene                       | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Bromobenzene                  | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Bromochloromethane            | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Bromodichloromethane          | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Bromoform                     | ND     |           | 3.5  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Bromomethane                  | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Carbon disulfide              | ND     |           | 7.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Carbon tetrachloride          | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Chlorobenzene                 | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Chloroethane                  | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Chloroform                    | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Chloromethane                 | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Dibromochloromethane          | ND     | *         | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Dibromomethane                | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Ethanol                       | ND     |           | 350  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Ethylbenzene                  | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Isopropylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Methylene Chloride            | ND     |           | 7.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Naphthalene                   | ND     |           | 7.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| n-Butylbenzene                | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| o-Xylene                      | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| sec-Butylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Styrene                       | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| tert-Butylbenzene             | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Tetrachloroethene             | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Toluene                       | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Vinyl acetate                 | ND     |           | 7.1  | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| Vinyl chloride                | ND     |           | 0.71 | ug/Kg |   | 01/20/20 14:00 | 01/20/20 19:53 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 117       |           | 71 - 155 | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 105       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 91        |           | 79 - 133 | 01/20/20 14:00 | 01/20/20 19:53 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 104       |           | 80 - 120 | 01/20/20 14:00 | 01/20/20 19:53 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 1,2-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 1-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4,5-Trichlorophenol         | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4,6-Trichlorophenol         | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4-Dichlorophenol            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4-Dimethylphenol            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4-Dinitrophenol             | ND     |           | 2.0  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,4-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,6-Dichlorophenol            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2,6-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Chloronaphthalene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg | - | 01/20/20 17:10 | 01/23/20 01:36 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Dibenzofuran              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Diethyl phthalate         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Dimethyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Di-n-butyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Di-n-octyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Fluoranthene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Fluorene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Hexachloro-1,3-butadiene  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Hexachlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Hexachlorocyclopentadiene | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Hexachloroethane          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Indeno[1,2,3-cd]pyrene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Isophorone                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Naphthalene               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:36 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 78        |           | 18 - 138 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Fluorobiphenyl (Surr)     | 61        |           | 27 - 120 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| 2-Fluorophenol (Surr)       | 63        |           | 25 - 120 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Nitrobenzene-d5 (Surr)      | 63        |           | 33 - 123 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| p-Terphenyl-d14 (Surr)      | 78        |           | 27 - 159 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |
| Phenol-d6 (Surr)            | 72        |           | 26 - 122 | 01/20/20 17:10 | 01/23/20 01:36 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 1,3-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 1-Methylnaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4,5-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4,6-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4-Dimethylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4-Dinitrophenol      | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,4-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,6-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2,6-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Chloronaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Nitrobenzene                | ND        |           | 2.0      | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| N-Nitrosodimethylamine      | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| N-Nitrosodi-n-propylamine   | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| N-Nitrosodiphenylamine      | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Pentachlorophenol           | ND        |           | 2.5      | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Phenanthrene                | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Phenol                      | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Pyrene                      | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Pyridine                    | ND        |           | 0.50     | mg/Kg |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 81        |           | 18 - 138 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Fluorobiphenyl (Surr)     | 71        |           | 27 - 120 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| 2-Fluorophenol (Surr)       | 66        |           | 25 - 120 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Nitrobenzene-d5 (Surr)      | 70        |           | 33 - 123 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| p-Terphenyl-d14 (Surr)      | 88        |           | 27 - 159 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |
| Phenol-d6 (Surr)            | 77        |           | 26 - 122 |       |   | 01/20/20 17:10 | 01/23/20 01:55 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4,5-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4,6-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,6-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Chloronaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Chlorophenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Methylphenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 3 & 4 Methylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 3-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4-Chloroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 4-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:14 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 18 - 138 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Fluorobiphenyl (Surr)     | 68        |           | 27 - 120 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| 2-Fluorophenol (Surr)       | 68        |           | 25 - 120 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Nitrobenzene-d5 (Surr)      | 69        |           | 33 - 123 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Surrogate                      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>p</i> -Terphenyl-d14 (Surr) | 81        |           | 27 - 159 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |
| Phenol-d6 (Surr)               | 78        |           | 26 - 122 | 01/20/20 17:10 | 01/23/20 02:14 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4,5-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4,6-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,6-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Chloronaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Chlorophenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Methylphenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 3 & 4 Methylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 3-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Chloroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 4-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Acenaphthene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Aniline                     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Anthracene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Azobenzene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzidine                   | ND     |           | 5.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzoic acid                | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Benzyl alcohol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 87        |           | 18 - 138 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Fluorobiphenyl (Surr)     | 76        |           | 27 - 120 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| 2-Fluorophenol (Surr)       | 76        |           | 25 - 120 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 77        |           | 33 - 123 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| p-Terphenyl-d14 (Surr)      | 93        |           | 27 - 159 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |
| Phenol-d6 (Surr)            | 87        |           | 26 - 122 | 01/20/20 17:10 | 01/23/20 02:33 | 1       |

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 1,3-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 1-Methylnaphthalene    | ND     | F1        | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,4,5-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,4,6-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,4-Dimethylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,4-Dinitrophenol             | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,4-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,6-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2,6-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Chloronaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 4-Nitrophenol                 | ND     | F1        | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Acenaphthylene                | ND     | F1        | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| bis (2-Chloroisopropyl) ether | ND     | F1        | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Hexachloro-1,3-butadiene  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Hexachlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Hexachlorocyclopentadiene | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Hexachloroethane          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Indeno[1,2,3-cd]pyrene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Isophorone                | ND     | F1        | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Naphthalene               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/23/20 02:52 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 85        |           | 18 - 138 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Fluorobiphenyl (Surr)     | 75        |           | 27 - 120 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| 2-Fluorophenol (Surr)       | 68        |           | 25 - 120 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 33 - 123 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| p-Terphenyl-d14 (Surr)      | 97        |           | 27 - 159 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |
| Phenol-d6 (Surr)            | 80        |           | 26 - 122 | 01/20/20 17:10 | 01/23/20 02:52 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-12\_10**  
**Date Collected: 01/16/20 07:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-3**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 117       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 05:01 | 1       |

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C7 as C7                        | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C8 as C8                        | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C9-C10                          | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C11-C12                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C13-C14                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C15-C16                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C17-C18                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C19-C20                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C21-C22                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C23-C24                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C25-C28                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C29-C32                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C33-C36                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C37-C40                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C41-C44                         | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| C6-C44                          | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:20 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 115       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 05:20 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-11\_10**  
**Date Collected: 01/16/20 09:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-8**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 05:41 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 120       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 05:41 | 1       |

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C7 as C7                               | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C8 as C8                               | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C9-C10                                 | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C11-C12                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C13-C14                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C15-C16                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C17-C18                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C19-C20                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C21-C22                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C23-C24                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C25-C28                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C29-C32                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C33-C36                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C37-C40                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C41-C44                                | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| C6-C44                                 | ND         |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | <b>6.0</b> |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 06:21 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 114       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 06:21 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-10\_15**  
**Date Collected: 01/16/20 09:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-13**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 06:41 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 110       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 06:41 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 101       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 07:01 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-6\_15**  
**Date Collected: 01/16/20 11:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-18**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|----------|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C7 as C7                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C8 as C8                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C9-C10                          | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C11-C12                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C13-C14                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C15-C16                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C17-C18                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C19-C20                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C21-C22                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C23-C24                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C25-C28                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C29-C32                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C33-C36                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C37-C40                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C41-C44                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| C6-C44                          | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:22 | 1       |
| <b>Surrogate</b>                |        |           |          |       |   |                |                |         |
| <i>n</i> -Octacosane (Surr)     | 110    |           | 61 - 145 |       |   | 01/21/20 11:42 | 01/22/20 07:22 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|----------|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C7 as C7                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C8 as C8                        | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C9-C10                          | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C11-C12                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C13-C14                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C15-C16                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C17-C18                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C19-C20                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C21-C22                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C23-C24                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C25-C28                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C29-C32                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C33-C36                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C37-C40                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C41-C44                         | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| C6-C44                          | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9      | mg/Kg | - | 01/21/20 11:42 | 01/22/20 07:42 | 1       |
| <b>Surrogate</b>                |        |           |          |       |   |                |                |         |
| <i>n</i> -Octacosane (Surr)     | 71     |           | 61 - 145 |       |   | 01/21/20 11:42 | 01/22/20 07:42 | 1       |



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-7\_15**  
**Date Collected: 01/16/20 11:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-23**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 88        |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 08:01 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C7 as C7                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C8 as C8                        | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C9-C10                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C11-C12                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C13-C14                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C15-C16                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C17-C18                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C19-C20                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C21-C22                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C23-C24                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C25-C28                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C29-C32                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C33-C36                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C37-C40                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C41-C44                         | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| C6-C44                          | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 4.9 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 08:22 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 94        |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 08:22 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-14\_15**  
**Date Collected: 01/16/20 13:35**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-30**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C7 as C7                        | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C8 as C8                        | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C9-C10                          | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C11-C12                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C13-C14                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C15-C16                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C17-C18                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C19-C20                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C21-C22                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C23-C24                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C25-C28                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C29-C32                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C33-C36                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C37-C40                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C41-C44                         | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| C6-C44                          | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.1 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 08:42 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 100       |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 08:42 | 1       |

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C7 as C7                        | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C8 as C8                        | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C9-C10                          | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C11-C12                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C13-C14                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C15-C16                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C17-C18                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C19-C20                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C21-C22                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C23-C24                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C25-C28                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C29-C32                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C33-C36                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C37-C40                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C41-C44                         | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| C6-C44                          | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.0 | mg/Kg | - | 01/21/20 11:42 | 01/22/20 09:02 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 98        |           | 61 - 145 | 01/21/20 11:42 | 01/22/20 09:02 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 6010B - Metals (ICP)

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte           | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver            | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Arsenic</b>    | <b>2.45</b> |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Barium</b>     | <b>21.6</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| Beryllium         | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| Cadmium           | ND          |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Cobalt</b>     | <b>3.56</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Chromium</b>   | <b>8.75</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Copper</b>     | <b>9.88</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Molybdenum</b> | <b>1.21</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 14:38 | 1       |
| <b>Nickel</b>     | <b>9.34</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| Antimony          | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| Selenium          | ND          | L         | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| Thallium          | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Vanadium</b>   | <b>11.7</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Zinc</b>       | <b>15.0</b> |           | 1.00  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |
| <b>Lead</b>       | <b>2.12</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:31 | 1       |

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte         | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver          | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Arsenic</b>  | <b>2.41</b> |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Barium</b>   | <b>20.4</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Beryllium       | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Cadmium         | ND          |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Cobalt</b>   | <b>2.42</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Chromium</b> | <b>4.87</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Copper</b>   | <b>6.65</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Molybdenum      | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Nickel</b>   | <b>4.87</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Antimony        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Selenium        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| Thallium        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Vanadium</b> | <b>9.83</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Zinc</b>     | <b>13.6</b> |           | 1.00  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |
| <b>Lead</b>     | <b>3.68</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:33 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Arsenic</b>   | <b>3.88</b>  |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Barium</b>    | <b>32.9</b>  |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Beryllium</b> | <b>0.284</b> |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Cadmium          | ND           |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Cobalt</b>    | <b>4.04</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Chromium</b>  | <b>9.59</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| <b>Copper</b>    | <b>11.6</b>  |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte    | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Molybdenum | 0.525  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 14:40 | 1       |
| Nickel     | 7.36   |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Antimony   | ND     |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Selenium   | ND     | L         | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Thallium   | ND     |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Vanadium   | 16.8   |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Zinc       | 21.6   |           | 0.995 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |
| Lead       | 2.72   |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:35 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte    | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver     | ND     |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Arsenic    | 1.57   |           | 0.725 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Barium     | 80.8   |           | 0.483 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Beryllium  | 0.588  |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Cadmium    | ND     |           | 0.483 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Cobalt     | 5.56   |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Chromium   | 6.91   |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Copper     | 6.35   |           | 0.483 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Molybdenum | ND     |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Nickel     | 6.36   |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Antimony   | ND     |           | 0.725 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Selenium   | ND     | L         | 0.725 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Thallium   | 1.44   |           | 0.725 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Vanadium   | 24.5   |           | 0.242 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Zinc       | 29.5   |           | 0.966 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |
| Lead       | 1.19   |           | 0.483 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:37 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte    | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver     | ND     |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Arsenic    | ND     |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Barium     | 44.4   |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Beryllium  | 0.293  |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Cadmium    | ND     |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Cobalt     | 5.30   |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Chromium   | 4.70   |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Copper     | 10.4   |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Molybdenum | ND     | L         | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Nickel     | 4.41   |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Antimony   | ND     |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Selenium   | ND     | L         | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Thallium   | 1.12   |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Vanadium   | 24.0   |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Zinc       | 38.0   |           | 0.952 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |
| Lead       | ND     |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:39 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 6010B - Metals (ICP)

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           | L         | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Arsenic</b>   | <b>2.21</b>  |           | 0.721 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Barium</b>    | <b>69.4</b>  |           | 0.481 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Beryllium</b> | <b>0.311</b> |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| Cadmium          | ND           |           | 0.481 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Cobalt</b>    | <b>6.42</b>  |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Chromium</b>  | <b>4.77</b>  |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Copper</b>    | <b>2.47</b>  |           | 0.481 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| Molybdenum       | ND           |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Nickel</b>    | <b>5.11</b>  |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| Antimony         | ND           |           | 0.721 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| Selenium         | ND           | L         | 0.721 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Thallium</b>  | <b>1.63</b>  |           | 0.721 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Vanadium</b>  | <b>27.0</b>  |           | 0.240 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Zinc</b>      | <b>29.5</b>  |           | 0.962 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |
| <b>Lead</b>      | <b>0.709</b> |           | 0.481 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:41 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:56 | 1       |

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0806 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:02 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:05 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0820 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:07 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0806 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:09 | 1       |

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:16 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: CA LUFT Pb - Determination of Organic Lead (CA LUFT)

**Client Sample ID: SV-12\_18**  
**Date Collected: 01/16/20 08:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 0.998 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:44 | 1       |

**Client Sample ID: SV-11\_16**  
**Date Collected: 01/16/20 09:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-9**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 0.996 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:45 | 1       |

**Client Sample ID: SV-10\_20**  
**Date Collected: 01/16/20 09:50**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-14**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 1.00 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:46 | 1       |

**Client Sample ID: SV-6\_20**  
**Date Collected: 01/16/20 11:05**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-19**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 0.992 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:48 | 1       |

**Client Sample ID: SV-7\_20**  
**Date Collected: 01/16/20 12:00**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-24**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 1.00 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:50 | 1       |

**Client Sample ID: SV-14\_22**  
**Date Collected: 01/16/20 13:45**  
**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-32**  
**Matrix: Solid**

| Analyte      | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Organic Lead | ND     |           | 1.00 | mg/Kg | - | 01/21/20 15:41 | 01/21/20 17:51 | 1       |

# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|------------------------|--|-----------------|------------------|-----------------|
|                  |                        | DCA<br>(71-155)                                | BFB<br>(80-120) | DBFM<br>(79-133) | TOL<br>(80-120) |
| 570-18406-3      | SV-12_10               | 108  | 104             | 93               | 104             |
| 570-18406-5      | SV-12_18               | 111  | 106             | 95               | 105             |
| 570-18406-8      | SV-11_10               | 112  | 105             | 94               | 104             |
| 570-18406-9      | SV-11_16               | 116  | 105             | 97               | 98              |
| 570-18406-13     | SV-10_15               | 112  | 104             | 94               | 104             |
| 570-18406-14     | SV-10_20               | 115  | 106             | 96               | 105             |
| 570-18406-18     | SV-6_15                | 112  | 104             | 95               | 105             |
| 570-18406-19     | SV-6_20                | 113  | 105             | 95               | 103             |
| 570-18406-23     | SV-7_15                | 113  | 104             | 93               | 104             |
| 570-18406-24     | SV-7_20                | 113  | 103             | 93               | 103             |
| 570-18406-30     | SV-14_15               | 113  | 107             | 95               | 105             |
| 570-18406-32     | SV-14_22               | 117  | 105             | 91               | 104             |
| LCS 570-45219/3  | Lab Control Sample     | 100  | 108             | 98               | 103             |
| LCSD 570-45219/4 | Lab Control Sample Dup | 101  | 105             | 101              | 103             |
| MB 570-45219/6   | Method Blank           | 99   | 102             | 95               | 102             |

### 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

| Lab Sample ID    | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|------------------------|--|-----------------|------------------|-----------------|
|                  |                        | DCA<br>(80-129)                                | BFB<br>(77-120) | DBFM<br>(80-128) | TOL<br>(80-120) |
| 570-18406-28     | EB_20200116            | 92   | 93              | 94               | 99              |
| 570-18406-29     | TB_20200116            | 91   | 94              | 95               | 102             |
| LCS 570-45187/4  | Lab Control Sample     | 92   | 101             | 96               | 100             |
| LCSD 570-45187/5 | Lab Control Sample Dup | 91   | 100             | 98               | 102             |
| MB 570-45187/8   | Method Blank           | 91   | 91              | 91               | 98              |

### 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

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                  |
|---------------|------------------|--|-----------------|-----------------|-----------------|--------------------|------------------|
|               |                  | TBP<br>(18-138)                                | FBP<br>(27-120) | 2FP<br>(25-120) | NBZ<br>(33-123) | TPHd14<br>(27-159) | PHL6<br>(26-122) |
| 570-18406-9   | SV-11_16         | 78   | 61              | 63              | 63              | 78                 | 72               |
| 570-18406-14  | SV-10_20         | 81   | 71              | 66              | 70              | 88                 | 77               |
| 570-18406-19  | SV-6_20          | 77   | 68              | 68              | 69              | 81                 | 78               |
| 570-18406-24  | SV-7_20          | 87   | 76              | 76              | 77              | 93                 | 87               |
| 570-18406-32  | SV-14_22         | 85   | 75              | 68              | 74              | 97                 | 80               |

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# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                  |
|--------------------|------------------------|--|-----------------|-----------------|-----------------|--------------------|------------------|
|                    |                        | TBP<br>(18-138)                                | FBP<br>(27-120) | 2FP<br>(25-120) | NBZ<br>(33-123) | TPHd14<br>(27-159) | PHL6<br>(26-122) |
| 570-18406-32 MS    | SV-14_22               | 112  | 102             | 89              | 99              | 107                | 104              |
| 570-18406-32 MSD   | SV-14_22               | 100  | 91              | 80              | 89              | 96                 | 93               |
| LCS 570-45343/2-A  | Lab Control Sample     | 88   | 75              | 86              | 85              | 83                 | 92               |
| LCSD 570-45343/3-A | Lab Control Sample Dup | 87   | 77              | 86              | 86              | 82                 | 92               |
| MB 570-45343/1-A   | Method Blank           | 71   | 72              | 77              | 79              | 78                 | 80               |

#### 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)

| Lab Sample ID       | Client Sample ID       | OTCSN1   |
|---------------------|------------------------|----------|
|                     |                        | (61-145) |
| 570-18121-A-1-C MS  | Matrix Spike           | 119      |
| 570-18121-A-1-D MSD | Matrix Spike Duplicate | 125      |
| 570-18406-3         | SV-12_10               | 117      |
| 570-18406-5         | SV-12_18               | 115      |
| 570-18406-8         | SV-11_10               | 120      |
| 570-18406-9         | SV-11_16               | 114      |
| 570-18406-13        | SV-10_15               | 110      |
| 570-18406-14        | SV-10_20               | 101      |
| 570-18406-18        | SV-6_15                | 110      |
| 570-18406-19        | SV-6_20                | 71       |
| 570-18406-23        | SV-7_15                | 88       |
| 570-18406-24        | SV-7_20                | 94       |
| 570-18406-30        | SV-14_15               | 100      |
| 570-18406-32        | SV-14_22               | 98       |
| LCS 570-45488/2-A   | Lab Control Sample     | 116      |
| LCSD 570-45488/3-A  | Lab Control Sample Dup | 120      |
| MB 570-45488/1-A    | Method Blank           | 120      |

#### Surrogate Legend

OTCSN = n-Octacosane (Surr)

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-45187/8**  
**Matrix: Water**  
**Analysis Batch: 45187**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND           |                 | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1,1-Trichloroethane                 | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1,2-Trichloroethane                 | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1-Dichloroethane                    | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1-Dichloroethene                    | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,1-Dichloropropene                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2,3-Trichlorobenzene                | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2,3-Trichloropropane                | ND           |                 | 5.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2,4-Trichlorobenzene                | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2,4-Trimethylbenzene                | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2-Dibromoethane                     | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2-Dichlorobenzene                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2-Dichloroethane                    | ND           |                 | 0.50 | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,2-Dichloropropane                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,3,5-Trimethylbenzene                | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,3-Dichlorobenzene                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,3-Dichloropropane                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 1,4-Dichlorobenzene                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 2,2-Dichloropropane                   | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 2-Butanone                            | ND           |                 | 20   | ug/L |   |          | 01/20/20 13:43 | 1       |
| 2-Chlorotoluene                       | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 2-Hexanone                            | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| 4-Chlorotoluene                       | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| 4-Methyl-2-pentanone                  | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Acetone                               | ND           |                 | 20   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Benzene                               | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Bromobenzene                          | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Bromochloromethane                    | ND           |                 | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Bromodichloromethane                  | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Bromoform                             | ND           |                 | 5.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Bromomethane                          | ND           |                 | 50   | ug/L |   |          | 01/20/20 13:43 | 1       |
| cis-1,2-Dichloroethene                | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| cis-1,3-Dichloropropene               | ND           |                 | 0.50 | ug/L |   |          | 01/20/20 13:43 | 1       |
| Carbon disulfide                      | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Carbon tetrachloride                  | ND           |                 | 0.50 | ug/L |   |          | 01/20/20 13:43 | 1       |
| Chlorobenzene                         | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Chloroethane                          | ND           |                 | 5.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Chloroform                            | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Chloromethane                         | ND           |                 | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Dibromochloromethane                  | ND           |                 | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Dibromomethane                        | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Dichlorodifluoromethane               | ND           |                 | 5.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Di-isopropyl ether (DIPE)             | ND           |                 | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Ethanol                               | ND           |                 | 100  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Ethylbenzene                          | ND           |                 | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45187/8**  
**Matrix: Water**  
**Analysis Batch: 45187**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                       | MB Result | MB Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-----------|--------------|------|------|---|----------|----------------|---------|
| Ethyl-t-butyl ether (ETBE)    | ND        |              | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Isopropylbenzene              | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Methylene Chloride            | ND        |              | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Naphthalene                   | ND        |              | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| n-Butylbenzene                | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| N-Propylbenzene               | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| o-Xylene                      | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| m,p-Xylene                    | ND        |              | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| p-Isopropyltoluene            | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| sec-Butylbenzene              | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Styrene                       | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| trans-1,2-Dichloroethene      | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| trans-1,3-Dichloropropene     | ND        |              | 0.50 | ug/L |   |          | 01/20/20 13:43 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |              | 2.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |              | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| tert-Butylbenzene             | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Tetrachloroethene             | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Toluene                       | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Trichloroethene               | ND        |              | 1.0  | ug/L |   |          | 01/20/20 13:43 | 1       |
| Trichlorofluoromethane        | ND        |              | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Vinyl acetate                 | ND        |              | 10   | ug/L |   |          | 01/20/20 13:43 | 1       |
| Vinyl chloride                | ND        |              | 0.50 | ug/L |   |          | 01/20/20 13:43 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91           |              | 80 - 129 |          | 01/20/20 13:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 91           |              | 77 - 120 |          | 01/20/20 13:43 | 1       |
| Dibromofluoromethane (Surr)  | 91           |              | 80 - 128 |          | 01/20/20 13:43 | 1       |
| Toluene-d8 (Surr)            | 98           |              | 80 - 120 |          | 01/20/20 13:43 | 1       |

**Lab Sample ID: LCS 570-45187/4**  
**Matrix: Water**  
**Analysis Batch: 45187**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1-Dichloroethene          | 50.0        | 49.57      |               | ug/L |   | 99   | 64 - 136     |
| 1,2-Dibromoethane           | 50.0        | 53.36      |               | ug/L |   | 107  | 80 - 120     |
| 1,2-Dichlorobenzene         | 50.0        | 54.08      |               | ug/L |   | 108  | 80 - 120     |
| 1,2-Dichloroethane          | 50.0        | 48.75      |               | ug/L |   | 97   | 75 - 123     |
| Benzene                     | 50.0        | 54.91      |               | ug/L |   | 110  | 78 - 120     |
| Carbon tetrachloride        | 50.0        | 53.22      |               | ug/L |   | 106  | 67 - 139     |
| Chlorobenzene               | 50.0        | 54.90      |               | ug/L |   | 110  | 80 - 120     |
| Di-isopropyl ether (DIPE)   | 50.0        | 48.35      |               | ug/L |   | 97   | 72 - 132     |
| Ethanol                     | 500         | 525.4      |               | ug/L |   | 105  | 56 - 150     |
| Ethylbenzene                | 50.0        | 53.96      |               | ug/L |   | 108  | 80 - 120     |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 49.34      |               | ug/L |   | 99   | 74 - 122     |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 48.45      |               | ug/L |   | 97   | 77 - 120     |
| o-Xylene                    | 50.0        | 55.38      |               | ug/L |   | 111  | 80 - 125     |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-45187/4**  
**Matrix: Water**  
**Analysis Batch: 45187**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------|-------------|------------|---------------|------|---|------|--------------|
| m,p-Xylene | 100         | 108.7      |               | ug/L |   | 109  | 80 - 125     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 92            |               | 80 - 129 |
| 4-Bromofluorobenzene (Surr)  | 101           |               | 77 - 120 |
| Dibromofluoromethane (Surr)  | 96            |               | 80 - 128 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

**Lab Sample ID: LCSD 570-45187/5**  
**Matrix: Water**  
**Analysis Batch: 45187**

**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-Dichloroethene          | 50.0        | 47.46       |                | ug/L |   | 95   | 64 - 136     | 4   | 30        |
| 1,2-Dibromoethane           | 50.0        | 52.74       |                | ug/L |   | 105  | 80 - 120     | 1   | 30        |
| 1,2-Dichlorobenzene         | 50.0        | 53.67       |                | ug/L |   | 107  | 80 - 120     | 1   | 20        |
| 1,2-Dichloroethane          | 50.0        | 48.38       |                | ug/L |   | 97   | 75 - 123     | 1   | 24        |
| Benzene                     | 50.0        | 51.31       |                | ug/L |   | 103  | 78 - 120     | 7   | 21        |
| Carbon tetrachloride        | 50.0        | 50.90       |                | ug/L |   | 102  | 67 - 139     | 4   | 30        |
| Chlorobenzene               | 50.0        | 52.00       |                | ug/L |   | 104  | 80 - 120     | 5   | 20        |
| Di-isopropyl ether (DIPE)   | 50.0        | 47.16       |                | ug/L |   | 94   | 72 - 132     | 2   | 29        |
| Ethanol                     | 500         | 484.0       |                | ug/L |   | 97   | 56 - 150     | 8   | 30        |
| Ethylbenzene                | 50.0        | 50.52       |                | ug/L |   | 101  | 80 - 120     | 7   | 20        |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 49.22       |                | ug/L |   | 98   | 74 - 122     | 0   | 27        |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 48.59       |                | ug/L |   | 97   | 77 - 120     | 0   | 24        |
| o-Xylene                    | 50.0        | 53.00       |                | ug/L |   | 106  | 80 - 125     | 4   | 20        |
| m,p-Xylene                  | 100         | 102.6       |                | ug/L |   | 103  | 80 - 125     | 6   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 91             |                | 80 - 129 |
| 4-Bromofluorobenzene (Surr)  | 100            |                | 77 - 120 |
| Dibromofluoromethane (Surr)  | 98             |                | 80 - 128 |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120 |

**Lab Sample ID: MB 570-45219/6**  
**Matrix: Solid**  
**Analysis Batch: 45219**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1,1-Trichloroethane                 | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1,2-Trichloroethane                 | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1-Dichloroethane                    | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1-Dichloroethene                    | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,1-Dichloropropene                   | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2,3-Trichlorobenzene                | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45219/6**  
**Matrix: Solid**  
**Analysis Batch: 45219**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                     | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| 1,2,3-Trichloropropane      | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2,4-Trichlorobenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2,4-Trimethylbenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2-Dibromoethane           | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2-Dichloroethane          | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,2-Dichloropropane         | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,3,5-Trimethylbenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,3-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,3-Dichloropropane         | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 1,4-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 2,2-Dichloropropane         | ND        |              | 5.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 2-Butanone                  | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 2-Chlorotoluene             | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 2-Hexanone                  | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 4-Chlorotoluene             | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| 4-Methyl-2-pentanone        | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Acetone                     | ND        |              | 50  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Benzene                     | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Bromobenzene                | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Bromochloromethane          | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Bromodichloromethane        | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Bromoform                   | ND        |              | 5.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Bromomethane                | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| cis-1,2-Dichloroethene      | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| cis-1,3-Dichloropropene     | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Carbon disulfide            | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Carbon tetrachloride        | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Chlorobenzene               | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Chloroethane                | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Chloroform                  | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Chloromethane               | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Dibromochloromethane        | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Dibromomethane              | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Dichlorodifluoromethane     | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Di-isopropyl ether (DIPE)   | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Ethanol                     | ND        |              | 500 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Ethylbenzene                | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Isopropylbenzene            | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Methylene Chloride          | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Naphthalene                 | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| n-Butylbenzene              | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| N-Propylbenzene             | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| o-Xylene                    | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| m,p-Xylene                  | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| p-Isopropyltoluene          | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45219/6**  
**Matrix: Solid**  
**Analysis Batch: 45219**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                       | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| sec-Butylbenzene              | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Styrene                       | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| trans-1,2-Dichloroethene      | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| trans-1,3-Dichloropropene     | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |              | 20  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| tert-Butylbenzene             | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Tetrachloroethene             | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Toluene                       | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Trichloroethene               | ND        |              | 2.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Trichlorofluoromethane        | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Vinyl acetate                 | ND        |              | 10  | ug/Kg |   |          | 01/20/20 13:56 | 1       |
| Vinyl chloride                | ND        |              | 1.0 | ug/Kg |   |          | 01/20/20 13:56 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99           |              | 71 - 155 |          | 01/20/20 13:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102          |              | 80 - 120 |          | 01/20/20 13:56 | 1       |
| Dibromofluoromethane (Surr)  | 95           |              | 79 - 133 |          | 01/20/20 13:56 | 1       |
| Toluene-d8 (Surr)            | 102          |              | 80 - 120 |          | 01/20/20 13:56 | 1       |

**Lab Sample ID: LCS 570-45219/3**  
**Matrix: Solid**  
**Analysis Batch: 45219**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| 1,1-Dichloroethene          | 50.0        | 47.76      |               | ug/Kg |   | 96   | 71 - 125     |
| 1,2-Dibromoethane           | 50.0        | 51.49      |               | ug/Kg |   | 103  | 80 - 120     |
| 1,2-Dichlorobenzene         | 50.0        | 48.18      |               | ug/Kg |   | 96   | 80 - 120     |
| 1,2-Dichloroethane          | 50.0        | 52.30      |               | ug/Kg |   | 105  | 79 - 121     |
| Benzene                     | 50.0        | 48.70      |               | ug/Kg |   | 97   | 79 - 120     |
| Carbon tetrachloride        | 50.0        | 58.25      |               | ug/Kg |   | 116  | 58 - 142     |
| Chlorobenzene               | 50.0        | 51.78      |               | ug/Kg |   | 104  | 80 - 120     |
| Di-isopropyl ether (DIPE)   | 50.0        | 41.56      |               | ug/Kg |   | 83   | 65 - 131     |
| Ethanol                     | 500         | 529.2      |               | ug/Kg |   | 106  | 32 - 158     |
| Ethylbenzene                | 50.0        | 53.42      |               | ug/Kg |   | 107  | 57 - 153     |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 45.70      |               | ug/Kg |   | 91   | 58 - 136     |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 53.78      |               | ug/Kg |   | 108  | 64 - 124     |
| o-Xylene                    | 50.0        | 55.47      |               | ug/Kg |   | 111  | 79 - 127     |
| m,p-Xylene                  | 100         | 107.5      |               | ug/Kg |   | 107  | 80 - 122     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100           |               | 71 - 155 |
| 4-Bromofluorobenzene (Surr)  | 108           |               | 80 - 120 |
| Dibromofluoromethane (Surr)  | 98            |               | 79 - 133 |
| Toluene-d8 (Surr)            | 103           |               | 80 - 120 |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45219/4**  
**Matrix: Solid**  
**Analysis Batch: 45219**

**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-Dichloroethene          | 50.0        | 43.00       |                | ug/Kg |   | 86   | 71 - 125     | 10  | 20        |
| 1,2-Dibromoethane           | 50.0        | 50.05       |                | ug/Kg |   | 100  | 80 - 120     | 3   | 20        |
| 1,2-Dichlorobenzene         | 50.0        | 45.88       |                | ug/Kg |   | 92   | 80 - 120     | 5   | 20        |
| 1,2-Dichloroethane          | 50.0        | 50.60       |                | ug/Kg |   | 101  | 79 - 121     | 3   | 20        |
| Benzene                     | 50.0        | 47.06       |                | ug/Kg |   | 94   | 79 - 120     | 3   | 20        |
| Carbon tetrachloride        | 50.0        | 56.14       |                | ug/Kg |   | 112  | 58 - 142     | 4   | 20        |
| Chlorobenzene               | 50.0        | 48.33       |                | ug/Kg |   | 97   | 80 - 120     | 7   | 20        |
| Di-isopropyl ether (DIPE)   | 50.0        | 39.74       |                | ug/Kg |   | 79   | 65 - 131     | 4   | 20        |
| Ethanol                     | 500         | 593.8       |                | ug/Kg |   | 119  | 32 - 158     | 12  | 27        |
| Ethylbenzene                | 50.0        | 49.55       |                | ug/Kg |   | 99   | 57 - 153     | 8   | 20        |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 43.77       |                | ug/Kg |   | 88   | 58 - 136     | 4   | 20        |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 49.36       |                | ug/Kg |   | 99   | 64 - 124     | 9   | 20        |
| o-Xylene                    | 50.0        | 51.56       |                | ug/Kg |   | 103  | 79 - 127     | 7   | 20        |
| m,p-Xylene                  | 100         | 101.1       |                | ug/Kg |   | 101  | 80 - 122     | 6   | 20        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 101            |                | 71 - 155    |
| 4-Bromofluorobenzene (Surr)  | 105            |                | 80 - 120    |
| Dibromofluoromethane (Surr)  | 101            |                | 79 - 133    |
| Toluene-d8 (Surr)            | 103            |                | 80 - 120    |

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-45343/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                | MB Result | MB Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 1,2-Dichlorobenzene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 1,3-Dichlorobenzene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 1,4-Dichlorobenzene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 1-Methylnaphthalene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4,5-Trichlorophenol  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4,6-Trichlorophenol  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4-Dichlorophenol     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4-Dimethylphenol     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4-Dinitrophenol      | ND        |              | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,4-Dinitrotoluene     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,6-Dichlorophenol     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2,6-Dinitrotoluene     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Chloronaphthalene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Chlorophenol         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Methylnaphthalene    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Methylphenol         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Nitroaniline         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Nitrophenol          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 3,3'-Dichlorobenzidine | ND        |              | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45343/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                       | MB     | MB        | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
|                               | Result | Qualifier |      |       |   |                |                |         |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45343/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte  | MB Result | MB Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| Phenol   | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Pyrene   | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Pyridine | ND        |              | 0.50 | mg/Kg |   | 01/20/20 17:10 | 01/22/20 12:24 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71           |              | 18 - 138 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Fluorobiphenyl (Surr)     | 72           |              | 27 - 120 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| 2-Fluorophenol (Surr)       | 77           |              | 25 - 120 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 79           |              | 33 - 123 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| p-Terphenyl-d14 (Surr)      | 78           |              | 27 - 159 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |
| Phenol-d6 (Surr)            | 80           |              | 26 - 122 | 01/20/20 17:10 | 01/22/20 12:24 | 1       |

**Lab Sample ID: LCS 570-45343/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| 1,2,4-Trichlorobenzene    | 5.00        | 3.712      |               | mg/Kg |   | 74   | 45 - 129     |
| 1,4-Dichlorobenzene       | 5.00        | 3.893      |               | mg/Kg |   | 78   | 42 - 132     |
| 2,4-Dinitrotoluene        | 5.00        | 4.044      |               | mg/Kg |   | 81   | 51 - 129     |
| 2-Chlorophenol            | 5.00        | 4.282      |               | mg/Kg |   | 86   | 58 - 124     |
| 4-Chloro-3-methylphenol   | 5.00        | 4.340      |               | mg/Kg |   | 87   | 55 - 151     |
| 4-Nitrophenol             | 5.00        | 5.130      |               | mg/Kg |   | 103  | 24 - 126     |
| Acenaphthene              | 5.00        | 3.912      |               | mg/Kg |   | 78   | 51 - 123     |
| Acenaphthylene            | 5.00        | 4.302      |               | mg/Kg |   | 86   | 52 - 120     |
| Butyl benzyl phthalate    | 5.00        | 4.522      |               | mg/Kg |   | 90   | 43 - 139     |
| Dimethyl phthalate        | 5.00        | 3.979      |               | mg/Kg |   | 80   | 51 - 123     |
| Fluorene                  | 5.00        | 4.133      |               | mg/Kg |   | 83   | 54 - 126     |
| Naphthalene               | 5.00        | 4.051      |               | mg/Kg |   | 81   | 32 - 146     |
| N-Nitrosodi-n-propylamine | 5.00        | 5.143      |               | mg/Kg |   | 103  | 40 - 136     |
| Pentachlorophenol         | 5.00        | 3.161      |               | mg/Kg |   | 63   | 23 - 131     |
| Phenol                    | 5.00        | 4.488      |               | mg/Kg |   | 90   | 40 - 130     |
| Pyrene                    | 5.00        | 4.189      |               | mg/Kg |   | 84   | 47 - 143     |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 88            |               | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 75            |               | 27 - 120 |
| 2-Fluorophenol (Surr)       | 86            |               | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 85            |               | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 83            |               | 27 - 159 |
| Phenol-d6 (Surr)            | 92            |               | 26 - 122 |

**Lab Sample ID: LCSD 570-45343/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| 1,2,4-Trichlorobenzene | 5.00        | 3.704       |                | mg/Kg |   | 74   | 45 - 129     | 0   | 27        |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45343/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45760**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                   | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| 1,4-Dichlorobenzene       | 5.00        | 3.796       |                | mg/Kg |   | 76   | 42 - 132     | 3   | 30        |
| 2,4-Dinitrotoluene        | 5.00        | 4.056       |                | mg/Kg |   | 81   | 51 - 129     | 0   | 28        |
| 2-Chlorophenol            | 5.00        | 4.273       |                | mg/Kg |   | 85   | 58 - 124     | 0   | 20        |
| 4-Chloro-3-methylphenol   | 5.00        | 4.394       |                | mg/Kg |   | 88   | 55 - 151     | 1   | 20        |
| 4-Nitrophenol             | 5.00        | 5.121       |                | mg/Kg |   | 102  | 24 - 126     | 0   | 27        |
| Acenaphthene              | 5.00        | 3.947       |                | mg/Kg |   | 79   | 51 - 123     | 1   | 26        |
| Acenaphthylene            | 5.00        | 4.298       |                | mg/Kg |   | 86   | 52 - 120     | 0   | 28        |
| Butyl benzyl phthalate    | 5.00        | 4.561       |                | mg/Kg |   | 91   | 43 - 139     | 1   | 29        |
| Dimethyl phthalate        | 5.00        | 4.039       |                | mg/Kg |   | 81   | 51 - 123     | 2   | 27        |
| Fluorene                  | 5.00        | 4.185       |                | mg/Kg |   | 84   | 54 - 126     | 1   | 27        |
| Naphthalene               | 5.00        | 3.973       |                | mg/Kg |   | 79   | 32 - 146     | 2   | 20        |
| N-Nitrosodi-n-propylamine | 5.00        | 5.135       |                | mg/Kg |   | 103  | 40 - 136     | 0   | 29        |
| Pentachlorophenol         | 5.00        | 3.161       |                | mg/Kg |   | 63   | 23 - 131     | 0   | 22        |
| Phenol                    | 5.00        | 4.388       |                | mg/Kg |   | 88   | 40 - 130     | 2   | 20        |
| Pyrene                    | 5.00        | 4.198       |                | mg/Kg |   | 84   | 47 - 143     | 0   | 20        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|-----------------------------|----------------|----------------|-------------|
| 2,4,6-Tribromophenol (Surr) | 87             |                | 18 - 138    |
| 2-Fluorobiphenyl (Surr)     | 77             |                | 27 - 120    |
| 2-Fluorophenol (Surr)       | 86             |                | 25 - 120    |
| Nitrobenzene-d5 (Surr)      | 86             |                | 33 - 123    |
| p-Terphenyl-d14 (Surr)      | 82             |                | 27 - 159    |
| Phenol-d6 (Surr)            | 92             |                | 26 - 122    |

**Lab Sample ID: 570-18406-32 MS**  
**Matrix: Solid**  
**Analysis Batch: 45873**

**Client Sample ID: SV-14\_22**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| Analyte                   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| 1,2,4-Trichlorobenzene    | ND            |                  | 5.00        | 4.446     |              | mg/Kg |   | 89   | 56 - 120     |
| 1,4-Dichlorobenzene       | ND            |                  | 5.00        | 4.182     |              | mg/Kg |   | 84   | 43 - 120     |
| 2,4-Dinitrotoluene        | ND            |                  | 5.00        | 5.747     |              | mg/Kg |   | 115  | 28 - 120     |
| 2-Chlorophenol            | ND            |                  | 5.00        | 4.809     |              | mg/Kg |   | 96   | 53 - 120     |
| 4-Chloro-3-methylphenol   | ND            |                  | 5.00        | 6.008     |              | mg/Kg |   | 120  | 32 - 120     |
| 4-Nitrophenol             | ND            | F1               | 5.00        | 6.436     | F1           | mg/Kg |   | 129  | 14 - 128     |
| Acenaphthene              | ND            |                  | 5.00        | 5.531     |              | mg/Kg |   | 111  | 34 - 148     |
| Acenaphthylene            | ND            | F1               | 5.00        | 6.064     | F1           | mg/Kg |   | 121  | 53 - 120     |
| Butyl benzyl phthalate    | ND            |                  | 5.00        | 6.069     |              | mg/Kg |   | 121  | 15 - 189     |
| Dimethyl phthalate        | ND            |                  | 5.00        | 5.728     |              | mg/Kg |   | 114  | 44 - 122     |
| Fluorene                  | ND            |                  | 5.00        | 5.739     |              | mg/Kg |   | 115  | 12 - 186     |
| Naphthalene               | ND            |                  | 5.00        | 5.095     |              | mg/Kg |   | 102  | 20 - 140     |
| N-Nitrosodi-n-propylamine | ND            |                  | 5.00        | 6.821     |              | mg/Kg |   | 136  | 38 - 140     |
| Pentachlorophenol         | ND            |                  | 5.00        | 4.480     |              | mg/Kg |   | 90   | 10 - 124     |
| Phenol                    | ND            |                  | 5.00        | 5.325     |              | mg/Kg |   | 106  | 22 - 124     |
| Pyrene                    | ND            |                  | 5.00        | 5.656     |              | mg/Kg |   | 113  | 31 - 169     |

| Surrogate                   | MS %Recovery | MS Qualifier | MS Limits |
|-----------------------------|--------------|--------------|-----------|
| 2,4,6-Tribromophenol (Surr) | 112          |              | 18 - 138  |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 570-18406-32 MS**  
**Matrix: Solid**  
**Analysis Batch: 45873**

**Client Sample ID: SV-14\_22**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| <i>Surrogate</i>        | <i>%Recovery</i> | <i>MS MS Qualifier</i> | <i>Limits</i> |
|-------------------------|------------------|------------------------|---------------|
| 2-Fluorobiphenyl (Surr) | 102              |                        | 27 - 120      |
| 2-Fluorophenol (Surr)   | 89               |                        | 25 - 120      |
| Nitrobenzene-d5 (Surr)  | 99               |                        | 33 - 123      |
| p-Terphenyl-d14 (Surr)  | 107              |                        | 27 - 159      |
| Phenol-d6 (Surr)        | 104              |                        | 26 - 122      |

**Lab Sample ID: 570-18406-32 MSD**  
**Matrix: Solid**  
**Analysis Batch: 45873**

**Client Sample ID: SV-14\_22**  
**Prep Type: Total/NA**  
**Prep Batch: 45343**

| <i>Analyte</i>            | <i>Sample Result</i> | <i>Sample Qualifier</i> | <i>Spike Added</i> | <i>MSD</i>    |                  | <i>Unit</i> | <i>D</i> | <i>%Rec</i> | <i>%Rec.</i>  |            | <i>RPD</i> | <i>Limit</i> |
|---------------------------|----------------------|-------------------------|--------------------|---------------|------------------|-------------|----------|-------------|---------------|------------|------------|--------------|
|                           |                      |                         |                    | <i>Result</i> | <i>Qualifier</i> |             |          |             | <i>Limits</i> | <i>RPD</i> |            |              |
| 1,2,4-Trichlorobenzene    | ND                   |                         | 5.00               | 4.145         |                  | mg/Kg       |          | 83          | 56 - 120      | 7          | 20         |              |
| 1,4-Dichlorobenzene       | ND                   |                         | 5.00               | 3.732         |                  | mg/Kg       |          | 75          | 43 - 120      | 11         | 26         |              |
| 2,4-Dinitrotoluene        | ND                   |                         | 5.00               | 5.173         |                  | mg/Kg       |          | 103         | 28 - 120      | 11         | 20         |              |
| 2-Chlorophenol            | ND                   |                         | 5.00               | 4.395         |                  | mg/Kg       |          | 88          | 53 - 120      | 9          | 20         |              |
| 4-Chloro-3-methylphenol   | ND                   |                         | 5.00               | 5.469         |                  | mg/Kg       |          | 109         | 32 - 120      | 9          | 20         |              |
| 4-Nitrophenol             | ND                   | F1                      | 5.00               | 5.909         |                  | mg/Kg       |          | 118         | 14 - 128      | 9          | 59         |              |
| Acenaphthene              | ND                   |                         | 5.00               | 4.993         |                  | mg/Kg       |          | 100         | 34 - 148      | 10         | 20         |              |
| Acenaphthylene            | ND                   | F1                      | 5.00               | 5.399         |                  | mg/Kg       |          | 108         | 53 - 120      | 12         | 20         |              |
| Butyl benzyl phthalate    | ND                   |                         | 5.00               | 5.611         |                  | mg/Kg       |          | 112         | 15 - 189      | 8          | 20         |              |
| Dimethyl phthalate        | ND                   |                         | 5.00               | 5.132         |                  | mg/Kg       |          | 103         | 44 - 122      | 11         | 20         |              |
| Fluorene                  | ND                   |                         | 5.00               | 5.184         |                  | mg/Kg       |          | 104         | 12 - 186      | 10         | 20         |              |
| Naphthalene               | ND                   |                         | 5.00               | 4.587         |                  | mg/Kg       |          | 92          | 20 - 140      | 10         | 20         |              |
| N-Nitrosodi-n-propylamine | ND                   |                         | 5.00               | 6.150         |                  | mg/Kg       |          | 123         | 38 - 140      | 10         | 20         |              |
| Pentachlorophenol         | ND                   |                         | 5.00               | 4.104         |                  | mg/Kg       |          | 82          | 10 - 124      | 9          | 20         |              |
| Phenol                    | ND                   |                         | 5.00               | 4.899         |                  | mg/Kg       |          | 98          | 22 - 124      | 8          | 20         |              |
| Pyrene                    | ND                   |                         | 5.00               | 5.259         |                  | mg/Kg       |          | 105         | 31 - 169      | 7          | 20         |              |

| <i>Surrogate</i>            | <i>%Recovery</i> | <i>MSD MSD Qualifier</i> | <i>Limits</i> |
|-----------------------------|------------------|--------------------------|---------------|
| 2,4,6-Tribromophenol (Surr) | 100              |                          | 18 - 138      |
| 2-Fluorobiphenyl (Surr)     | 91               |                          | 27 - 120      |
| 2-Fluorophenol (Surr)       | 80               |                          | 25 - 120      |
| Nitrobenzene-d5 (Surr)      | 89               |                          | 33 - 123      |
| p-Terphenyl-d14 (Surr)      | 96               |                          | 27 - 159      |
| Phenol-d6 (Surr)            | 93               |                          | 26 - 122      |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-45488/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| <i>Analyte</i> | <i>MB Result</i> | <i>MB Qualifier</i> | <i>RL</i> | <i>Unit</i> | <i>D</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|----------------|------------------|---------------------|-----------|-------------|----------|-----------------|-----------------|----------------|
| C6 as C6       | ND               |                     | 5.0       | mg/Kg       |          | 01/21/20 11:42  | 01/22/20 00:59  | 1              |
| C7 as C7       | ND               |                     | 5.0       | mg/Kg       |          | 01/21/20 11:42  | 01/22/20 00:59  | 1              |
| C8 as C8       | ND               |                     | 5.0       | mg/Kg       |          | 01/21/20 11:42  | 01/22/20 00:59  | 1              |
| C9-C10         | ND               |                     | 5.0       | mg/Kg       |          | 01/21/20 11:42  | 01/22/20 00:59  | 1              |
| C11-C12        | ND               |                     | 5.0       | mg/Kg       |          | 01/21/20 11:42  | 01/22/20 00:59  | 1              |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 570-45488/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Analyte                         | MB Result | MB Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-------|---|----------------|----------------|---------|
| C13-C14                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C15-C16                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C17-C18                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C19-C20                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C21-C22                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C23-C24                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C25-C28                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C29-C32                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C33-C36                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C37-C40                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C41-C44                         | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| C6-C44                          | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |
| Diesel Range Organics [C10-C28] | ND        |              | 5.0 | mg/Kg |   | 01/21/20 11:42 | 01/22/20 00:59 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 120          |              | 61 - 145 | 01/21/20 11:42 | 01/22/20 00:59 | 1       |

**Lab Sample ID: LCS 570-45488/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Analyte                         | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Diesel Range Organics [C10-C28] | 400         | 462.3      |               | mg/Kg |   | 116  | 67 - 121     |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| <i>n</i> -Octacosane (Surr) | 116           |               | 61 - 145 |

**Lab Sample ID: LCSD 570-45488/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Analyte                         | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Diesel Range Organics [C10-C28] | 400         | 455.7       |                | mg/Kg |   | 114  | 67 - 121     | 1   | 20        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| <i>n</i> -Octacosane (Surr) | 120            |                | 61 - 145 |

**Lab Sample ID: 570-18121-A-1-C MS**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Diesel Range Organics [C10-C28] | 26            |                  | 399         | 488.4     |              | mg/Kg |   | 116  | 33 - 153     |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 570-18121-A-1-C MS**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Surrogate                   | %Recovery | MS MS<br>Qualifier | Limits   |
|-----------------------------|-----------|--------------------|----------|
| <i>n</i> -Octacosane (Surr) | 119       |                    | 61 - 145 |

**Lab Sample ID: 570-18121-A-1-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 45452**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45488**

| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec.    |     | RPD | Limit |
|---------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|----------|-----|-----|-------|
|                                 |               |                  |             |            |               |       |   |      | Limits   | RPD |     |       |
| Diesel Range Organics [C10-C28] | 26            |                  | 400         | 513.0      |               | mg/Kg |   | 122  | 33 - 153 | 5   |     | 32    |

| Surrogate                   | %Recovery | MSD MSD<br>Qualifier | Limits   |
|-----------------------------|-----------|----------------------|----------|
| <i>n</i> -Octacosane (Surr) | 125       |                      | 61 - 145 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-45584/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte   | MB Result | MB Qualifier | RL    | Unit  | D | Prepared       |                | Analyzed |  | Dil Fac |
|-----------|-----------|--------------|-------|-------|---|----------------|----------------|----------|--|---------|
|           |           |              |       |       |   |                |                |          |  |         |
| Silver    | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Arsenic   | ND        |              | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Barium    | ND        |              | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Beryllium | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Cadmium   | ND        |              | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Cobalt    | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Chromium  | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Copper    | ND        |              | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Nickel    | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Antimony  | ND        |              | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Selenium  | ND        |              | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Thallium  | ND        |              | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Vanadium  | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Zinc      | ND        |              | 1.01  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Lead      | ND        |              | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |

**Lab Sample ID: MB 570-45584/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45857**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | MB Result | MB Qualifier | RL    | Unit  | D | Prepared       |                | Analyzed |  | Dil Fac |
|------------|-----------|--------------|-------|-------|---|----------------|----------------|----------|--|---------|
|            |           |              |       |       |   |                |                |          |  |         |
| Molybdenum | ND        |              | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 14:33 |          |  | 1       |

**Lab Sample ID: LCS 570-45584/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec.    |  |
|---------|-------------|------------|---------------|-------|---|------|----------|--|
|         |             |            |               |       |   |      | Limits   |  |
| Silver  | 12.8        | 13.43      |               | mg/Kg |   | 105  | 80 - 120 |  |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-45584/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------|-------------|------------|---------------|-------|---|------|--------------|
| Arsenic    | 25.6        | 24.29      |               | mg/Kg |   | 95   | 80 - 120     |
| Barium     | 25.6        | 27.17      |               | mg/Kg |   | 106  | 80 - 120     |
| Beryllium  | 25.6        | 24.79      |               | mg/Kg |   | 97   | 80 - 120     |
| Cadmium    | 25.6        | 26.34      |               | mg/Kg |   | 103  | 80 - 120     |
| Cobalt     | 25.6        | 27.08      |               | mg/Kg |   | 106  | 80 - 120     |
| Chromium   | 25.6        | 27.05      |               | mg/Kg |   | 106  | 80 - 120     |
| Copper     | 25.6        | 27.81      |               | mg/Kg |   | 108  | 80 - 120     |
| Molybdenum | 25.6        | 24.45      |               | mg/Kg |   | 95   | 80 - 120     |
| Nickel     | 25.6        | 27.31      |               | mg/Kg |   | 107  | 80 - 120     |
| Antimony   | 25.6        | 25.58      |               | mg/Kg |   | 100  | 80 - 120     |
| Selenium   | 25.6        | 24.63      |               | mg/Kg |   | 96   | 80 - 120     |
| Thallium   | 25.6        | 27.45      |               | mg/Kg |   | 107  | 80 - 120     |
| Vanadium   | 25.6        | 25.88      |               | mg/Kg |   | 101  | 80 - 120     |
| Zinc       | 25.6        | 26.54      |               | mg/Kg |   | 103  | 80 - 120     |
| Lead       | 25.6        | 26.68      |               | mg/Kg |   | 104  | 80 - 120     |

**Lab Sample ID: LCSD 570-45584/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Silver     | 13.0        | 13.53       |                | mg/Kg |   | 104  | 80 - 120     | 1   | 20        |
| Arsenic    | 26.0        | 24.30       |                | mg/Kg |   | 93   | 80 - 120     | 0   | 20        |
| Barium     | 26.0        | 27.36       |                | mg/Kg |   | 105  | 80 - 120     | 1   | 20        |
| Beryllium  | 26.0        | 24.63       |                | mg/Kg |   | 95   | 80 - 120     | 1   | 20        |
| Cadmium    | 26.0        | 26.51       |                | mg/Kg |   | 102  | 80 - 120     | 1   | 20        |
| Cobalt     | 26.0        | 26.45       |                | mg/Kg |   | 102  | 80 - 120     | 2   | 20        |
| Chromium   | 26.0        | 26.78       |                | mg/Kg |   | 103  | 80 - 120     | 1   | 20        |
| Copper     | 26.0        | 27.96       |                | mg/Kg |   | 107  | 80 - 120     | 1   | 20        |
| Molybdenum | 26.0        | 24.13       |                | mg/Kg |   | 93   | 80 - 120     | 1   | 20        |
| Nickel     | 26.0        | 26.60       |                | mg/Kg |   | 102  | 80 - 120     | 3   | 20        |
| Antimony   | 26.0        | 24.99       |                | mg/Kg |   | 96   | 80 - 120     | 2   | 20        |
| Selenium   | 26.0        | 23.86       |                | mg/Kg |   | 92   | 80 - 120     | 3   | 20        |
| Thallium   | 26.0        | 27.03       |                | mg/Kg |   | 104  | 80 - 120     | 2   | 20        |
| Vanadium   | 26.0        | 25.81       |                | mg/Kg |   | 99   | 80 - 120     | 0   | 20        |
| Zinc       | 26.0        | 25.96       |                | mg/Kg |   | 100  | 80 - 120     | 2   | 20        |
| Lead       | 26.0        | 26.25       |                | mg/Kg |   | 101  | 80 - 120     | 2   | 20        |

**Lab Sample ID: 570-18232-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Silver    | ND            | L                | 12.3        | 11.75     |              | mg/Kg |   | 95   | 75 - 125     |
| Arsenic   | 8.23          |                  | 24.6        | 30.88     |              | mg/Kg |   | 92   | 75 - 125     |
| Barium    | 72.7          |                  | 24.6        | 100.5     |              | mg/Kg |   | 113  | 75 - 125     |
| Beryllium | 0.495         |                  | 24.6        | 24.37     |              | mg/Kg |   | 97   | 75 - 125     |
| Cadmium   | ND            |                  | 24.6        | 23.04     |              | mg/Kg |   | 94   | 75 - 125     |
| Cobalt    | 2.97          |                  | 24.6        | 25.48     |              | mg/Kg |   | 91   | 75 - 125     |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-18232-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chromium   | 4.09          |                  | 24.6        | 28.08     |              | mg/Kg |   | 97   | 75 - 125     |
| Copper     | 3.96          |                  | 24.6        | 30.83     |              | mg/Kg |   | 109  | 75 - 125     |
| Molybdenum | ND            |                  | 24.6        | 19.88     |              | mg/Kg |   | 80   | 75 - 125     |
| Nickel     | 3.72          |                  | 24.6        | 26.62     |              | mg/Kg |   | 93   | 75 - 125     |
| Antimony   | 0.995         | F1               | 24.6        | 5.620     | F1           | mg/Kg |   | 19   | 50 - 115     |
| Selenium   | ND            | F1               | 24.6        | 17.93     | F1           | mg/Kg |   | 73   | 75 - 125     |
| Thallium   | ND            |                  | 24.6        | 20.11     |              | mg/Kg |   | 81   | 75 - 125     |
| Vanadium   | 20.4          |                  | 24.6        | 46.87     |              | mg/Kg |   | 107  | 75 - 125     |
| Zinc       | 18.4          |                  | 24.6        | 39.46     |              | mg/Kg |   | 86   | 75 - 125     |
| Lead       | 4.86          |                  | 24.6        | 27.97     |              | mg/Kg |   | 94   | 75 - 125     |

**Lab Sample ID: 570-18232-A-1-F MSD**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Silver     | ND            | L                | 12.0        | 11.49      |               | mg/Kg |   | 96   | 75 - 125     | 2   | 20        |
| Arsenic    | 8.23          |                  | 24.0        | 30.24      |               | mg/Kg |   | 92   | 75 - 125     | 2   | 20        |
| Barium     | 72.7          |                  | 24.0        | 98.21      |               | mg/Kg |   | 106  | 75 - 125     | 2   | 20        |
| Beryllium  | 0.495         |                  | 24.0        | 23.56      |               | mg/Kg |   | 96   | 75 - 125     | 3   | 20        |
| Cadmium    | ND            |                  | 24.0        | 22.23      |               | mg/Kg |   | 92   | 75 - 125     | 4   | 20        |
| Cobalt     | 2.97          |                  | 24.0        | 24.79      |               | mg/Kg |   | 91   | 75 - 125     | 3   | 20        |
| Chromium   | 4.09          |                  | 24.0        | 27.29      |               | mg/Kg |   | 96   | 75 - 125     | 3   | 20        |
| Copper     | 3.96          |                  | 24.0        | 30.27      |               | mg/Kg |   | 109  | 75 - 125     | 2   | 20        |
| Molybdenum | ND            |                  | 24.0        | 19.40      |               | mg/Kg |   | 80   | 75 - 125     | 2   | 20        |
| Nickel     | 3.72          |                  | 24.0        | 25.85      |               | mg/Kg |   | 92   | 75 - 125     | 3   | 20        |
| Antimony   | 0.995         | F1               | 24.0        | 5.366      | F1            | mg/Kg |   | 18   | 50 - 115     | 5   | 20        |
| Selenium   | ND            | F1               | 24.0        | 16.47      | F1            | mg/Kg |   | 69   | 75 - 125     | 9   | 20        |
| Thallium   | ND            |                  | 24.0        | 19.82      |               | mg/Kg |   | 82   | 75 - 125     | 1   | 20        |
| Vanadium   | 20.4          |                  | 24.0        | 45.74      |               | mg/Kg |   | 105  | 75 - 125     | 2   | 20        |
| Zinc       | 18.4          |                  | 24.0        | 38.20      |               | mg/Kg |   | 83   | 75 - 125     | 3   | 20        |
| Lead       | 4.86          |                  | 24.0        | 26.73      |               | mg/Kg |   | 91   | 75 - 125     | 5   | 20        |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-45587/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | MB Result | MB Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND        |              | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:21 | 1       |

**Lab Sample ID: LCS 570-45587/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|-------|---|------|--------------|
| Mercury | 0.820       | 0.6950     |               | mg/Kg |   | 85   | 85 - 121     |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-45587/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Mercury | 0.806       | 0.7079      |                | mg/Kg |   | 88   | 85 - 121     | 2   | 10        |

**Lab Sample ID: 570-18232-A-1-H MS**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Mercury | ND            |                  | 0.833       | 0.6536    |              | mg/Kg |   | 78   | 71 - 137     |

**Lab Sample ID: 570-18232-A-1-I MSD**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Mercury | ND            |                  | 0.833       | 0.6398     |               | mg/Kg |   | 77   | 71 - 137     | 2   | 14        |

## Method: CA LUFT Pb - Determination of Organic Lead (CA LUFT)

**Lab Sample ID: MB 570-45554/1-B**  
**Matrix: Solid**  
**Analysis Batch: 45615**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45554**

| Analyte      | MB Result | MB Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| Organic Lead | ND        |              | 1.00 | mg/Kg |   | 01/21/20 15:41 | 01/21/20 17:40 | 1       |

**Lab Sample ID: LCS 570-45554/2-B**  
**Matrix: Solid**  
**Analysis Batch: 45615**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45554**

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|-------|---|------|--------------|
| Organic Lead | 24.0        | 23.65      |               | mg/Kg |   | 98   | 72 - 126     |

**Lab Sample ID: LCSD 570-45554/3-B**  
**Matrix: Solid**  
**Analysis Batch: 45615**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45554**

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Organic Lead | 24.0        | 24.34       |                | mg/Kg |   | 101  | 72 - 126     | 3   | 30        |

**Lab Sample ID: 570-17418-A-3-Q MS**  
**Matrix: Solid**  
**Analysis Batch: 45615**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45554**

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Organic Lead | 1.34          |                  | 23.8        | 26.18     |              | mg/Kg |   | 104  | 22 - 148     |



# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Method: CA LUFT Pb - Determination of Organic Lead (CA LUFT) (Continued)

**Lab Sample ID: 570-17418-A-3-R MSD**  
**Matrix: Solid**  
**Analysis Batch: 45615**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45554**

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Organic Lead | 1.34          |                  | 23.8        | 24.33      |               | mg/Kg |   | 96   | 22 - 148     | 7   | 18        |

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# QC Association Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## GC/MS VOA

### Analysis Batch: 45187

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-28     | EB_20200116            | Total/NA  | Water  | 8260B  |            |
| 570-18406-29     | TB_20200116            | Total/NA  | Water  | 8260B  |            |
| MB 570-45187/8   | Method Blank           | Total/NA  | Water  | 8260B  |            |
| LCS 570-45187/4  | Lab Control Sample     | Total/NA  | Water  | 8260B  |            |
| LCSD 570-45187/5 | Lab Control Sample Dup | Total/NA  | Water  | 8260B  |            |

### Analysis Batch: 45219

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-3      | SV-12_10               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-5      | SV-12_18               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-8      | SV-11_10               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-9      | SV-11_16               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-13     | SV-10_15               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-14     | SV-10_20               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-18     | SV-6_15                | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-19     | SV-6_20                | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-23     | SV-7_15                | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-24     | SV-7_20                | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-30     | SV-14_15               | Total/NA  | Solid  | 8260B  | 45304      |
| 570-18406-32     | SV-14_22               | Total/NA  | Solid  | 8260B  | 45304      |
| MB 570-45219/6   | Method Blank           | Total/NA  | Solid  | 8260B  |            |
| LCS 570-45219/3  | Lab Control Sample     | Total/NA  | Solid  | 8260B  |            |
| LCSD 570-45219/4 | Lab Control Sample Dup | Total/NA  | Solid  | 8260B  |            |

### Prep Batch: 45304

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18406-3   | SV-12_10         | Total/NA  | Solid  | 5035   |            |
| 570-18406-5   | SV-12_18         | Total/NA  | Solid  | 5035   |            |
| 570-18406-8   | SV-11_10         | Total/NA  | Solid  | 5035   |            |
| 570-18406-9   | SV-11_16         | Total/NA  | Solid  | 5035   |            |
| 570-18406-13  | SV-10_15         | Total/NA  | Solid  | 5035   |            |
| 570-18406-14  | SV-10_20         | Total/NA  | Solid  | 5035   |            |
| 570-18406-18  | SV-6_15          | Total/NA  | Solid  | 5035   |            |
| 570-18406-19  | SV-6_20          | Total/NA  | Solid  | 5035   |            |
| 570-18406-23  | SV-7_15          | Total/NA  | Solid  | 5035   |            |
| 570-18406-24  | SV-7_20          | Total/NA  | Solid  | 5035   |            |
| 570-18406-30  | SV-14_15         | Total/NA  | Solid  | 5035   |            |
| 570-18406-32  | SV-14_22         | Total/NA  | Solid  | 5035   |            |

## GC/MS Semi VOA

### Prep Batch: 45343

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-9        | SV-11_16               | Total/NA  | Solid  | 3545   |            |
| 570-18406-14       | SV-10_20               | Total/NA  | Solid  | 3545   |            |
| 570-18406-19       | SV-6_20                | Total/NA  | Solid  | 3545   |            |
| 570-18406-24       | SV-7_20                | Total/NA  | Solid  | 3545   |            |
| 570-18406-32       | SV-14_22               | Total/NA  | Solid  | 3545   |            |
| MB 570-45343/1-A   | Method Blank           | Total/NA  | Solid  | 3545   |            |
| LCS 570-45343/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3545   |            |
| LCSD 570-45343/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3545   |            |

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# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## GC/MS Semi VOA (Continued)

### Prep Batch: 45343 (Continued)

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 570-18406-32 MS  | SV-14_22         | Total/NA  | Solid  | 3545   |            |
| 570-18406-32 MSD | SV-14_22         | Total/NA  | Solid  | 3545   |            |

### Analysis Batch: 45760

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| MB 570-45343/1-A   | Method Blank           | Total/NA  | Solid  | 8270C  | 45343      |
| LCS 570-45343/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8270C  | 45343      |
| LCSD 570-45343/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8270C  | 45343      |

### Analysis Batch: 45873

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 570-18406-9      | SV-11_16         | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-14     | SV-10_20         | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-19     | SV-6_20          | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-24     | SV-7_20          | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-32     | SV-14_22         | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-32 MS  | SV-14_22         | Total/NA  | Solid  | 8270C  | 45343      |
| 570-18406-32 MSD | SV-14_22         | Total/NA  | Solid  | 8270C  | 45343      |

## GC Semi VOA

### Analysis Batch: 45452

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-3         | SV-12_10               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-8         | SV-11_10               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-13        | SV-10_15               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-18        | SV-6_15                | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-23        | SV-7_15                | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-30        | SV-14_15               | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | 8015B  | 45488      |
| MB 570-45488/1-A    | Method Blank           | Total/NA  | Solid  | 8015B  | 45488      |
| LCS 570-45488/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8015B  | 45488      |
| LCSD 570-45488/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18121-A-1-C MS  | Matrix Spike           | Total/NA  | Solid  | 8015B  | 45488      |
| 570-18121-A-1-D MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015B  | 45488      |

### Prep Batch: 45488

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18406-3   | SV-12_10         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-5   | SV-12_18         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-8   | SV-11_10         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-9   | SV-11_16         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-13  | SV-10_15         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-14  | SV-10_20         | Total/NA  | Solid  | 3550C  |            |
| 570-18406-18  | SV-6_15          | Total/NA  | Solid  | 3550C  |            |
| 570-18406-19  | SV-6_20          | Total/NA  | Solid  | 3550C  |            |

# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## GC Semi VOA (Continued)

### Prep Batch: 45488 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-23        | SV-7_15                | Total/NA  | Solid  | 3550C  |            |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | 3550C  |            |
| 570-18406-30        | SV-14_15               | Total/NA  | Solid  | 3550C  |            |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | 3550C  |            |
| MB 570-45488/1-A    | Method Blank           | Total/NA  | Solid  | 3550C  |            |
| LCS 570-45488/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3550C  |            |
| LCSD 570-45488/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3550C  |            |
| 570-18121-A-1-C MS  | Matrix Spike           | Total/NA  | Solid  | 3550C  |            |
| 570-18121-A-1-D MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3550C  |            |

## Metals

### Prep Batch: 45554

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method       | Prep Batch |
|---------------------|------------------------|-----------|--------|--------------|------------|
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | LUFT Pb Prep |            |
| MB 570-45554/1-B    | Method Blank           | Total/NA  | Solid  | LUFT Pb Prep |            |
| LCS 570-45554/2-B   | Lab Control Sample     | Total/NA  | Solid  | LUFT Pb Prep |            |
| LCSD 570-45554/3-B  | Lab Control Sample Dup | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-17418-A-3-Q MS  | Matrix Spike           | Total/NA  | Solid  | LUFT Pb Prep |            |
| 570-17418-A-3-R MSD | Matrix Spike Duplicate | Total/NA  | Solid  | LUFT Pb Prep |            |

### Prep Batch: 45565

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | Split  | 45554      |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | Split  | 45554      |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | Split  | 45554      |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | Split  | 45554      |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | Split  | 45554      |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | Split  | 45554      |
| MB 570-45554/1-B    | Method Blank           | Total/NA  | Solid  | Split  | 45554      |
| LCS 570-45554/2-B   | Lab Control Sample     | Total/NA  | Solid  | Split  | 45554      |
| LCSD 570-45554/3-B  | Lab Control Sample Dup | Total/NA  | Solid  | Split  | 45554      |
| 570-17418-A-3-Q MS  | Matrix Spike           | Total/NA  | Solid  | Split  | 45554      |
| 570-17418-A-3-R MSD | Matrix Spike Duplicate | Total/NA  | Solid  | Split  | 45554      |

### Prep Batch: 45584

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-5        | SV-12_18               | Total/NA  | Solid  | 3050B  |            |
| 570-18406-9        | SV-11_16               | Total/NA  | Solid  | 3050B  |            |
| 570-18406-14       | SV-10_20               | Total/NA  | Solid  | 3050B  |            |
| 570-18406-19       | SV-6_20                | Total/NA  | Solid  | 3050B  |            |
| 570-18406-24       | SV-7_20                | Total/NA  | Solid  | 3050B  |            |
| 570-18406-32       | SV-14_22               | Total/NA  | Solid  | 3050B  |            |
| MB 570-45584/1-A   | Method Blank           | Total/NA  | Solid  | 3050B  |            |
| LCS 570-45584/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3050B  |            |
| LCSD 570-45584/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3050B  |            |

# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Metals (Continued)

### Prep Batch: 45584 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18232-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 3050B  |            |
| 570-18232-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 45587

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | 7471A  |            |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | 7471A  |            |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | 7471A  |            |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | 7471A  |            |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | 7471A  |            |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | 7471A  |            |
| MB 570-45587/1-A    | Method Blank           | Total/NA  | Solid  | 7471A  |            |
| LCS 570-45587/2-A   | Lab Control Sample     | Total/NA  | Solid  | 7471A  |            |
| LCSD 570-45587/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 7471A  |            |
| 570-18232-A-1-H MS  | Matrix Spike           | Total/NA  | Solid  | 7471A  |            |
| 570-18232-A-1-I MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 7471A  |            |

### Analysis Batch: 45615

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method     | Prep Batch |
|---------------------|------------------------|-----------|--------|------------|------------|
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| MB 570-45554/1-B    | Method Blank           | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| LCS 570-45554/2-B   | Lab Control Sample     | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| LCSD 570-45554/3-B  | Lab Control Sample Dup | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-17418-A-3-Q MS  | Matrix Spike           | Total/NA  | Solid  | CA LUFT Pb | 45565      |
| 570-17418-A-3-R MSD | Matrix Spike Duplicate | Total/NA  | Solid  | CA LUFT Pb | 45565      |

### Analysis Batch: 45809

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-5         | SV-12_18               | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-9         | SV-11_16               | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-14        | SV-10_20               | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-19        | SV-6_20                | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | 6010B  | 45584      |
| MB 570-45584/1-A    | Method Blank           | Total/NA  | Solid  | 6010B  | 45584      |
| LCS 570-45584/2-A   | Lab Control Sample     | Total/NA  | Solid  | 6010B  | 45584      |
| LCSD 570-45584/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18232-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18232-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 6010B  | 45584      |

### Analysis Batch: 45810

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18406-5   | SV-12_18         | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18406-9   | SV-11_16         | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18406-14  | SV-10_20         | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18406-19  | SV-6_20          | Total/NA  | Solid  | 7471A  | 45587      |

# QC Association Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## Metals (Continued)

### Analysis Batch: 45810 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18406-24        | SV-7_20                | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18406-32        | SV-14_22               | Total/NA  | Solid  | 7471A  | 45587      |
| MB 570-45587/1-A    | Method Blank           | Total/NA  | Solid  | 7471A  | 45587      |
| LCS 570-45587/2-A   | Lab Control Sample     | Total/NA  | Solid  | 7471A  | 45587      |
| LCSD 570-45587/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18232-A-1-H MS  | Matrix Spike           | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18232-A-1-I MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 7471A  | 45587      |

### Analysis Batch: 45857

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 570-18406-5      | SV-12_18         | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18406-14     | SV-10_20         | Total/NA  | Solid  | 6010B  | 45584      |
| MB 570-45584/1-A | Method Blank     | Total/NA  | Solid  | 6010B  | 45584      |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

**Client Sample ID: SV-12\_10**

**Date Collected: 01/16/20 07:50**

**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-3**

**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       | 5035         |     |            | 7.253 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 14:55       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.19 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 05:01       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-12\_18**

**Date Collected: 01/16/20 08:00**

**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-5**

**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       | 5035         |     |            | 7.18 g         | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 15:22       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.01 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 05:20       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:31       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45857        | 01/22/20 14:38       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .60 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:56       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | LUFT Pb Prep |     |            | 10.02 g        | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA              | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA              | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:44       | X7RL    | ECL 1 |
| Instrument ID: FLAA3  |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-11\_10**

**Date Collected: 01/16/20 09:00**

**Date Received: 01/16/20 15:47**

**Lab Sample ID: 570-18406-8**

**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       | 5035         |     |            | 6.148 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 15:49       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.14 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 05:41       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

**Client Sample ID: SV-11\_16**

**Lab Sample ID: 570-18406-9**

**Date Collected: 01/16/20 09:05**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 6.495 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 16:16       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.07 g        | 2 mL         | 45343        | 01/20/20 17:10       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45873        | 01/23/20 01:36       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.26 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 06:21       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:33       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .62 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:02       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | LUFT Pb Prep |     |            | 10.04 g        | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA              | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA              | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:45       | X7RL    | ECL 1 |
| Instrument ID: FLAA3  |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-10\_15**

**Lab Sample ID: 570-18406-13**

**Date Collected: 01/16/20 09:45**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 6.771 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 16:43       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.25 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 06:41       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-10\_20**

**Lab Sample ID: 570-18406-14**

**Date Collected: 01/16/20 09:50**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 7.322 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 17:10       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.98 g        | 2 mL         | 45343        | 01/20/20 17:10       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45873        | 01/23/20 01:55       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.15 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 07:01       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

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# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

**Client Sample ID: SV-10\_20**

**Lab Sample ID: 570-18406-14**

**Date Collected: 01/16/20 09:50**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| 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       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA             | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:35       | OYW3    | ECL 1 |
| Instrument ID: ICP8  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | 3050B        |     |            | 2.01 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA             | Analysis   | 6010B        |     | 1          |                |              | 45857        | 01/22/20 14:40       | OYW3    | ECL 1 |
| Instrument ID: ICP8  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | 7471A        |     |            | .60 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA             | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:05       | MD3A    | ECL 1 |
| Instrument ID: HG7   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | LUFT Pb Prep |     |            | 9.98 g         | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA             | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA             | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:46       | X7RL    | ECL 1 |
| Instrument ID: FLAA3 |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-6\_15**

**Lab Sample ID: 570-18406-18**

**Date Collected: 01/16/20 11:00**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 6.332 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 17:37       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.20 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 07:22       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-6\_20**

**Lab Sample ID: 570-18406-19**

**Date Collected: 01/16/20 11:05**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 6.867 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 18:04       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.09 g        | 2 mL         | 45343        | 01/20/20 17:10       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45873        | 01/23/20 02:14       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.14 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 07:42       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.07 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:37       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .61 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:07       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

## Client Sample ID: SV-6\_20

Date Collected: 01/16/20 11:05

Date Received: 01/16/20 15:47

## Lab Sample ID: 570-18406-19

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       | LUFT Pb Prep |     |            | 10.08 g        | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA             | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA             | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:48       | X7RL    | ECL 1 |
| Instrument ID: FLAA3 |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-7\_15

Date Collected: 01/16/20 11:50

Date Received: 01/16/20 15:47

## Lab Sample ID: 570-18406-23

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         |     |            | 6.349 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 18:31       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.19 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 08:01       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-7\_20

Date Collected: 01/16/20 12:00

Date Received: 01/16/20 15:47

## Lab Sample ID: 570-18406-24

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         |     |            | 7.17 g         | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 18:58       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.98 g        | 2 mL         | 45343        | 01/20/20 17:10       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45873        | 01/23/20 02:33       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.19 g        | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 08:22       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.10 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:39       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .62 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:09       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | LUFT Pb Prep |     |            | 9.99 g         | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA              | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA              | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:50       | X7RL    | ECL 1 |
| Instrument ID: FLAA3  |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
 SDG: 1636.002

**Client Sample ID: EB\_20200116**

**Lab Sample ID: 570-18406-28**

Date Collected: 01/16/20 12:05

Matrix: Water

Date Received: 01/16/20 15:47

| 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         | 45187        | 01/20/20 19:02       | UJHB    | ECL 2 |
| Instrument ID: GCMSVV |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: TB\_20200116**

**Lab Sample ID: 570-18406-29**

Date Collected: 01/16/20 00:00

Matrix: Water

Date Received: 01/16/20 15:47

| 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         | 45187        | 01/20/20 19:29       | UJHB    | ECL 2 |
| Instrument ID: GCMSVV |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-14\_15**

**Lab Sample ID: 570-18406-30**

Date Collected: 01/16/20 13:35

Matrix: Solid

Date Received: 01/16/20 15:47

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 6.263 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 19:25       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.73 g         | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 08:42       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-14\_22**

**Lab Sample ID: 570-18406-32**

Date Collected: 01/16/20 13:45

Matrix: Solid

Date Received: 01/16/20 15:47

| Prep Type             | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA              | Prep       | 5035         |     |            | 7.067 g        | 5 g          | 45304        | 01/20/20 14:00       | P4DI    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45219        | 01/20/20 19:53       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.99 g        | 2 mL         | 45343        | 01/20/20 17:10       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45873        | 01/23/20 02:52       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.92 g         | 10 mL        | 45488        | 01/21/20 11:42       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45452        | 01/22/20 09:02       | N5Y3    | ECL 1 |
| Instrument ID: GC50   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.08 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:41       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .60 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:16       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

**Client Sample ID: SV-14\_22**

**Lab Sample ID: 570-18406-32**

**Date Collected: 01/16/20 13:45**

**Matrix: Solid**

**Date Received: 01/16/20 15:47**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Prep       | LUFT Pb Prep |     |            | 10.00 g        | 20.00 mL     | 45554        | 01/21/20 15:41       | X7RL    | ECL 1 |
| Total/NA  | Prep       | Split        |     |            | 5.00 mL        | 12.50 mL     | 45565        | 01/21/20 16:00       | X7RL    | ECL 1 |
| Total/NA  | Analysis   | CA LUFT Pb   |     | 1          |                |              | 45615        | 01/21/20 17:51       | X7RL    | ECL 1 |

Instrument ID: FLAA3

## 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: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority  | Program                                    | Identification Number | Expiration Date |
|------------|--|-----------------------|-----------------|
| Arizona    | State                                      | AZ0781                | 03-13-20        |
| California | Los Angeles County Sanitation<br>Districts | 10109                 | 09-29-20        |
| California | SCAQMD LAP                                 | 17LA0919              | 11-30-20        |
| California | State                                      | 2944                  | 09-29-20        |
| Guam       | State                                      | 20-003R               | 10-31-20        |
| Hawaii     | State                                      | <cert No.>            | 07-02-20        |
| Nevada     | State                                      | CA00111               | 07-31-20        |
| Oregon     | NELAP                                      | CA300001              | 01-29-20        |

# Method Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

| 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      |
| 6010B        | Metals (ICP)                            | SW846    | ECL 1      |
| 7471A        | Mercury (CVAA)                          | SW846    | ECL 1      |
| CA LUFT Pb   | Determination of Organic Lead (CA LUFT) | CADHS    | ECL 1      |
| 3050B        | Preparation, Metals                     | SW846    | ECL 1      |
| 3545         | Pressurized Fluid 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      |
| LUFT Pb Prep | Preparation, CA LUFT Pb                 | CADHS    | ECL 1      |
| Split        | Dilution and Re-fortification           | None     | ECL 1      |

#### Protocol References:

CADHS = California Department of Health Services

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 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18406-1  
SDG: 1636.002

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 570-18406-3   | SV-12_10         | Solid  | 01/16/20 07:50 | 01/16/20 15:47 |          |
| 570-18406-5   | SV-12_18         | Solid  | 01/16/20 08:00 | 01/16/20 15:47 |          |
| 570-18406-8   | SV-11_10         | Solid  | 01/16/20 09:00 | 01/16/20 15:47 |          |
| 570-18406-9   | SV-11_16         | Solid  | 01/16/20 09:05 | 01/16/20 15:47 |          |
| 570-18406-13  | SV-10_15         | Solid  | 01/16/20 09:45 | 01/16/20 15:47 |          |
| 570-18406-14  | SV-10_20         | Solid  | 01/16/20 09:50 | 01/16/20 15:47 |          |
| 570-18406-18  | SV-6_15          | Solid  | 01/16/20 11:00 | 01/16/20 15:47 |          |
| 570-18406-19  | SV-6_20          | Solid  | 01/16/20 11:05 | 01/16/20 15:47 |          |
| 570-18406-23  | SV-7_15          | Solid  | 01/16/20 11:50 | 01/16/20 15:47 |          |
| 570-18406-24  | SV-7_20          | Solid  | 01/16/20 12:00 | 01/16/20 15:47 |          |
| 570-18406-28  | EB_20200116      | Water  | 01/16/20 12:05 | 01/16/20 15:47 |          |
| 570-18406-29  | TB_20200116      | Water  | 01/16/20 00:00 | 01/16/20 15:47 |          |
| 570-18406-30  | SV-14_15         | Solid  | 01/16/20 13:35 | 01/16/20 15:47 |          |
| 570-18406-32  | SV-14_22         | Solid  | 01/16/20 13:45 | 01/16/20 15:47 |          |



1 Technology Drive, Suite C515  
Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

Sheet 1 of 3

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: 350 W. Valley Blvd. & 144 S. Willow Ave.

Site Location: Rialto, California

Project No.: 1636.002

Project Manager: Philip Miller

Sampled By: SRF

Turnaround Time: Standard

**Analyses**

|  |                               |                              |                             |                         |                                     |      |
|--|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|
| VOCs, inc. fuel oxys, using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |
|--|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|



570-18406 Chain of Custody

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | VOCs, inc. fuel oxys, using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |
|-----------------------|-------------|-------------|--------|---------------|-----------------|--|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|
| SV- 12 - 2            | 1/16/20     | 0730        | Soil   | 1             | 1               |  |                               |                              |                             |                         |                                     | K    |
| SV- 12 - 5            | 1/16/20     | 0745        | Soil   | 1             | 2               |  |                               |                              |                             |                         |                                     | α    |
| SV- 12 - 10           | 1/16/20     | 0750        | Soil   | 4             | 3               | X  | X                             |                              |                             |                         |                                     | α    |
| SV- 12 - 15           | 1/16/20     | 0755        | Soil   | 1             | 4               |  |                               |                              |                             |                         |                                     | α    |
| SV- 12 - 18           | 1/16/20     | 0800        | Soil   | 4             | 5               | X  | X                             |                              | X                           | X                       |                                     | α    |
| SV- 11 - 2            | 1/16/20     | 0840        | Soil   | 1             | 6               |  |                               |                              |                             |                         |                                     | α    |
| SV- 11 - 5            | 1/16/20     | 0845        | Soil   | 1             | 7               |  |                               |                              |                             |                         |                                     | α    |
| SV- 11 - 10           | 1/16/20     | 0900        | Soil   | 4             | 8               | X  | X                             |                              |                             |                         |                                     | α    |
| SV- 11 - 16           | 1/16/20     | 0905        | Soil   | 4             | 9               | X  | X                             | X                            | X                           | X                       |                                     | α    |
| SV- 10 - 2            | 1/16/20     | 0930        | Soil   | 1             | 10              |  |                               |                              |                             |                         |                                     | α    |
| SV- 10 - 5            | 1/16/20     | 0935        | Soil   | 1             | 11              |  |                               |                              |                             |                         |                                     | α    |
| SV- 10 - 10           | 1/16/20     | 0940        | Soil   | 1             | 12              |  |                               |                              |                             |                         |                                     | X    |
| SV- 10 - 15           | 1/16/20     | 0945        | Soil   | 4             | 13              | X  | X                             |                              |                             |                         |                                     | X    |
| SV-10-20              | 1/16/20     | 0950        | Soil   | 4             | 14              | X  | X                             | X                            | X                           | X                       |                                     | X    |

Revised COC received from Spencer Felkner (Avocet) on 01/20/2020 at 16:14pm. - Virendra (ECI)

| Relinquished by   | Company                    | Received by   | Company |
|---|----------------------------|---|---------|
| Printed Name: <u>Spencer Felkner</u> Date: <u>1/16/20</u> | Avocet Environmental, Inc. | Printed Name: <u>Philip Miller</u> Date: <u>1/16/20</u> | ECI     |
| Signature: <u>[Signature]</u> Time: <u>1547</u>           |                            | Signature: <u>[Signature]</u> Time: <u>1547</u>         |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |

| Sample Receipt                     | Billing Information   | Special Instructions  |               |
|------------------------------------|---|---|---------------|
| Total Containers: <u>TAT</u>       | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |               |
| Temperature: <u>°C</u> / <u>°F</u> |   |   | Lab No. _____ |
| COC Seal (Y/N/NA)                  |   |   | Intact (Y/N)  |

Page 83 of 89

1/23/2020







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# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**

Site Location: **Rialto, California**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRF**

Turnaround Time: **Standard**

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                      |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
|-----------------------|-------------|-------------|--------|---------------|-----------------|---|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|--|--|--|--|--|--|--|---|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxy's, using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |  |  |  |  |  |  |  |   |
| SV- 6 - 2             | 1/16/20     | 1030        | Soil   | 1             | 15              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 6 - 5             | 1/16/20     | 1045        | Soil   | 1             | 16              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 6 - 10            | 1/16/20     | 1055        | Soil   | 1             | 17              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 6 - 15            | 1/16/20     | 1100        | Soil   | 4             | 18              | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 6 - 20            | 1/16/20     | 1105        | Soil   | 4             | 19              | X   | X                             | X                            | X                           | X                       |                                     |      |  |  |  |  |  |  |  |   |
| SV- 7 - 2             | 1/16/20     | 1133        | Soil   | 1             | 20              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 5             | 1/16/20     | 1140        | Soil   | 1             | 21              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 10            | 1/16/20     | 1145        | Soil   | 1             | 22              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 15            | 1/16/20     | 1150        | Soil   | 4             | 23              | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 7 - 20            | 1/16/20     | 1200        | Soil   | 4             | 24              | X   | X                             | X                            | X                           | X                       |                                     |      |  |  |  |  |  |  |  |   |
| SV- 14 - 2            | 1/16/20     | 1320        | Soil   | 1             | 25              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 14 - 5            | 1/16/20     | 1325        | Soil   | 1             | 26              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 14 - 10           | 1/16/20     | 1330        | Soil   | 1             | 27              |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| EB-20200116           | 1/16/20     | 1205        | water  | 3             | 28              | X   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| TB-20200116           | 1/16/20     | -           | water  | 3             | 29              | X   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |

Revised COC received from Spencer Felknor (Avocet) on 01/20/2020 at 16:14pm. - Virendra (ECI)

|                                      |                      |                            |  |                                   |                      |         |  |
|--------------------------------------|----------------------|----------------------------|--|-----------------------------------|----------------------|---------|--|
| Relinquished by                      |                      | Company                    |  | Received by                       |                      | Company |  |
| Printed Name: <i>Spencer Felknor</i> | Date: <i>1/16/20</i> | Avocet Environmental, Inc. |  | Printed Name: <i>Pray Srikano</i> | Date: <i>1/16/20</i> |         |  |
| Signature: <i>[Signature]</i>        | Time: <i>1547</i>    |                            |  | Signature: <i>[Signature]</i>     | Time: <i>1547</i>    |         |  |
| Printed Name: _____                  | Date: _____          |                            |  | Printed Name: _____               | Date: _____          |         |  |
| Signature: _____                     | Time: _____          |                            |  | Signature: _____                  | Time: _____          |         |  |
| Printed Name: _____                  | Date: _____          |                            |  | Printed Name: _____               | Date: _____          |         |  |
| Signature: _____                     | Time: _____          |                            |  | Signature: _____                  | Time: _____          |         |  |

|                   |              |  |  |   |  |
|-------------------|--------------|--|--|---|--|
| Sample Receipt    |              | Billing Information  |  | Special Instructions  |  |
| Total Containers  | TAT          | Bill To:<br>Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 |  | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |  |
| Temperature °C    | Lab No.      |  |  |   |  |
| COC Seal (Y/N/NA) | Intact (Y/N) |  |  |   |  |





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Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**

Site Location: **Rialto, California**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRP**

Turnaround Time: **Standard**

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                     |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
|-----------------------|-------------|-------------|--------|---------------|-----------------|--|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|--|--|--|--|--|--|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxys, using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |  |  |  |  |  |  |
| SV- 14 - 15           | 1/16/20     | 1335        | Soil   | 4             | 30              | X  | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- 14 - 20           | 1/16/20     | 1346        | Soil   | 1             | 31              |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- 14 - 22           | 1/16/20     | 1345        | Soil   | 4             | 32              | X  | X                             | X                            | X                           | X                       |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |
| SV- -                 | 1/16/20     |             | Soil   |               |                 |  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |

Revised COC received from Spencer Felknor (Avocet) on 01/20/2020 at 16:14pm. - Virendra (ECI)

| Relinquished by                      |               | Company                    | Received by                        |               | Company    |
|--------------------------------------|---------------|----------------------------|------------------------------------|---------------|------------|
| Printed Name: <i>Spencer Felknor</i> | Date: 1/16/20 | Avocet Environmental, Inc. | Printed Name: <i>Philip Miller</i> | Date: 1/16/20 | <i>ECI</i> |
| Signature: <i>[Signature]</i>        | Time: 1547    |                            | Signature: <i>[Signature]</i>      | Time: 1547    |            |
| Printed Name: _____                  | Date: _____   |                            | Printed Name: _____                | Date: _____   |            |
| Signature: _____                     | Time: _____   |                            | Signature: _____                   | Time: _____   |            |
| Printed Name: _____                  | Date: _____   |                            | Printed Name: _____                | Date: _____   |            |
| Signature: _____                     | Time: _____   |                            | Signature: _____                   | Time: _____   |            |

| Sample Receipt                 |                                  | Billing Information   | Special Instructions  |
|--------------------------------|----------------------------------|---|---|
| Total Containers: TAT          | Lab No. _____                    | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |
| Temperature: °C _____ °F _____ | GOC Seal (Y/N/N/A): Intact (Y/N) |   |   |





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Irvine, California 92618-5302  
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FAX (949) 296-0978

Sheet 1 of 3

# CHAIN OF CUSTODY RECORD

**Project Information:** **Event Name:**

Site Name: 350 W. Valley Blvd. & 144 S. Willow Ave.

Site Location: Rialto, California

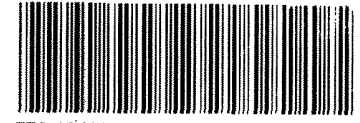
Project No.: 1636.002

Project Manager: Philip Miller

Sampled By: SRF

Turnaround Time: Standard

**Analyses**



570-18406 Chain of Custody

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | VOCs, inc. fuel olys. using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |
|-----------------------|-------------|-------------|--------|---------------|-----------------|--|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|
| SV- 12 - 2            | 1/          | 1/20        | 0730   | Soil          | 1               | 1  |                               |                              |                             |                         |                                     | K    |
| SV- 12 - 5            | 1/          | 1/20        | 0745   | Soil          | 1               | 2  |                               |                              |                             |                         |                                     | α    |
| SV- 12 - 10           | 1/          | 1/20        | 0750   | Soil          | 4               | 3  | K                             | α                            |                             |                         |                                     |      |
| SV- 12 - 15           | 1/          | 1/20        | 0755   | Soil          | 1               | 4  |                               |                              |                             |                         |                                     | α    |
| SV- 12 - 18           | 1/          | 1/20        | 0800   | Soil          | 4               | 5  | K                             | α                            |                             | K                       | α                                   |      |
| SV- 11 - 2            | 1/          | 1/20        | 0840   | Soil          | 1               | 6  |                               |                              |                             |                         |                                     | α    |
| SV- 11 - 5            | 1/          | 1/20        | 0845   | Soil          | 1               | 7  |                               |                              |                             |                         |                                     | α    |
| SV- 11 - 10           | 1/          | 1/20        | 0900   | Soil          | 4               | 8  | K                             | α                            |                             |                         |                                     |      |
| SV- 11 - 16           | 1/          | 1/20        | 0905   | Soil          | 4               | 9  | K                             | K                            | α                           | α                       |                                     |      |
| SV- 10 - 2            | 1/          | 1/20        | 0930   | Soil          | 1               | 10   |                               |                              |                             |                         |                                     | α    |
| SV- 10 - 5            | 1/          | 1/20        | 0935   | Soil          | 1               | 11   |                               |                              |                             |                         |                                     | α    |
| SV- 10 - 10           | 1/          | 1/20        | 0940   | Soil          | 1               | 12   |                               |                              |                             |                         |                                     | α    |
| SV- 10 - 15           | 1/          | 1/20        | 0945   | Soil          | 4               | 13   | α                             | α                            |                             |                         |                                     |      |
| SV-10-20              |             |             | 0950   | Soil          | 4               | 14   | α                             | α                            | K                           | K                       | α                                   |      |

| Relinquished by   | Company                    | Received by   | Company |
|---|----------------------------|---|---------|
| Printed Name: <u>Spencer Fellner</u> Date: <u>1/16/20</u> | Avocet Environmental, Inc. | Printed Name: <u>Philip Miller</u> Date: <u>1/16/20</u> | VCC     |
| Signature: <u>[Signature]</u> Time: <u>1547</u>           |                            | Signature: <u>[Signature]</u> Time: <u>1547</u>         |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |

| Sample Receipt                                | Billing Information   | Special Instructions  |
|---|---|---|
| Total Containers: _____ TAT: _____            | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |
| Temperature: _____ °C _____ °F Lab No.: _____ |   |   |
| COC Seal (Y/N/NA): _____ Intact (Y/N): _____  |   |   |

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1/23/2020





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FAX (949) 296-0978

### CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: 350 W. Valley Blvd. & 144 S. Willow Ave.

Site Location: Rialto, California

Project No.: 1636.002

Project Manager: Philip Miller

Sampled By: SWF

Turnaround Time: Standard

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                    |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  |   |
|-----------------------|-------------|-------------|--------|---------------|-----------------|---|-------------------------------|------------------------------|----------------------------|-------------------------|-------------------------------------|------|--|--|--|--|--|--|--|---|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxy. using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBs using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |  |  |  |  |  |  |  |   |
| SV- 6 - 2             | 1/ /20      | 1030        | Soil   | 1             | 15              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 6 - 5             | 1/ /20      | 1045        | Soil   | 1             | 16              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 6 - 10            | 1/ /20      | 1055        | Soil   | 1             | 17              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 6 - 15            | 1/ /20      | 1100        | Soil   | 4             | 18              | X   | X                             |                              |                            |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 6 - 20            | 1/ /20      | 1105        | Soil   | 4             | 19              | X   | X                             | X                            |                            | X                       | X                                   |      |  |  |  |  |  |  |  |   |
| SV- 7 - 2             | 1/ /20      | 1133        | Soil   | 1             | 20              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 5             | 1/ /20      | 1140        | Soil   | 1             | 21              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 10            | 1/ /20      | 1145        | Soil   | 1             | 22              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 7 - 15            | 1/ /20      | 1150        | Soil   | 4             | 23              | X   | X                             |                              |                            |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 7 - 20            | 1/ /20      | 1200        | Soil   | 4             | 24              | X   | X                             | X                            |                            | X                       | X                                   |      |  |  |  |  |  |  |  |   |
| SV- 14 - 2            | 1/ /20      | 1320        | Soil   | 1             | 25              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 14 - 5            | 1/ /20      | 1325        | Soil   | 1             | 26              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 14 - 10           | 1/ /20      | 1330        | Soil   | 1             | 27              |   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  | X |
| EB_20200116           | 1/16/20     | 1205        | water  | 3             | 28              | X   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  |   |
| TB_20200116           | 1/16/20     | -           | water  | 3             | 29              | X   |                               |                              |                            |                         |                                     |      |  |  |  |  |  |  |  |   |

| Relinquished by |                        | Company | Received by    |               | Company                 |
|-----------------|------------------------|---------|----------------|---------------|-------------------------|
| Printed Name:   | <u>Spencer Fellner</u> | Date:   | <u>1/16/20</u> | Printed Name: | <u>Philip S. Miller</u> |
| Signature:      | <u>[Signature]</u>     | Time:   | <u>1547</u>    | Signature:    | <u>[Signature]</u>      |
| Printed Name:   |                        | Date:   |                | Printed Name: |                         |
| Signature:      |                        | Time:   |                | Signature:    |                         |
| Printed Name:   |                        | Date:   |                | Printed Name: |                         |
| Signature:      |                        | Time:   |                | Signature:    |                         |

| Sample Receipt    |              | Billing Information   | Special Instructions   |
|-------------------|--------------|---|--|
| Total Containers  | TAT          | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977<br>Ext.102<br><br>ECI Job#57003839 |
| Temperature °C    | Lab No.      |   |  |
| COC Seal (Y/N/NA) | Intact (Y/N) |   |  |

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1/23/2020





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Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:** **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**

Site Location: **Rialto, California**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRP**

Turnaround Time: **Standard**

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                    |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
|-----------------------|-------------|-------------|--------|---------------|-----------------|---|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|--|--|--|--|--|--|--|---|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxy. using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |  |  |  |  |  |  |  |   |
| SV- 14 - 15           | 1/          | /20         | 1335   | Soil          | 4               | 30  | X                             | X                            |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- 14 - 20           | 1/          | /20         | 1340   | Soil          | 1               | 31  |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  | X |
| SV- 14 - 22           | 1/          | /20         | 1345   | Soil          | 4               | 32  | X                             | X                            | X                           | X                       | X                                   |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |
| SV- -                 | 1/          | /20         |        | Soil          |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |  |  |   |

|  |  |  |  |  |  |                                      |  |
|--|--|--|--|--|--|--------------------------------------|--|
| <b>Relinquished by</b><br>Printed Name: <i>SPENCER PETER</i> Date: <i>1/16/20</i><br>Signature: <i>[Signature]</i> Time: <i>1547</i> |  | <b>Company</b><br>Avocet Environmental, Inc. |  | <b>Received by</b><br>Printed Name: <i>PHILIP MILLER</i> Date: <i>1/16/20</i><br>Signature: <i>[Signature]</i> Time: <i>1547</i> |  | <b>Company</b><br><i>[Signature]</i> |  |
| Printed Name: _____ Date: _____<br>Signature: _____ Time: _____  |  |  |  | Printed Name: _____ Date: _____<br>Signature: _____ Time: _____  |  |                                      |  |
| Printed Name: _____ Date: _____<br>Signature: _____ Time: _____  |  |  |  | Printed Name: _____ Date: _____<br>Signature: _____ Time: _____  |  |                                      |  |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| <b>Sample Receipt</b><br>Total Containers: _____ TAT: _____<br>Temperature: _____ °C _____ °F Lab No.: _____<br>COC Seal (Y/N/NA): _____ Intact (Y/N): _____ |  | <b>Billing Information</b><br>Bill To:<br>Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 |  | <b>Special Instructions</b><br>Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102<br><br>ECI Job#57003839 |  |
|--|--|--|--|--|--|

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1/23/2020



## Login Sample Receipt Checklist

Client: Avocet Environmental Inc

Job Number: 570-18406-1

SDG Number: 1636.002

**Login Number: 18406**

**List Number: 1**

**Creator: Cruise, Noel**

**List Source: Eurofins Calscience**

| 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.                                | False  | No sample date and/or time on COC, logged in per container labels. |
| 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    |  |



## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-18195-1

Client Project/Site: Transwestern - Rialto, CA - Phase II

For:

Avocet Environmental Inc  
1 Technology Drive  
Suite C515  
Irvine, California 92618

Attn: Darren Brandner

*Virendra R Patel*

---

Authorized for release by:  
1/24/2020 3:46:55 PM

Virendra Patel, Project Manager I  
(714)895-5494  
[virendrapatel@eurofinsus.com](mailto:virendrapatel@eurofinsus.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description  |
|-----------|--|
| *         | LCS or LCSD is outside acceptance 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                                |
|-----------|--|
| F1        | MS and/or MSD Recovery is outside acceptance limits. |

### GC Semi VOA

| Qualifier | Qualifier Description                                |
|-----------|--|
| F1        | MS and/or MSD Recovery is outside acceptance limits. |
| F2        | MS/MSD RPD exceeds control limits                    |

### Metals

| Qualifier | Qualifier Description  |
|-----------|--|
| F1        | MS and/or MSD Recovery is outside acceptance limits.                                 |
| 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  |
| 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)   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| PQL            | Practical Quantitation Limit  |
| 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)   |

# Case Narrative

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

**Job ID: 570-18195-1**

**Laboratory: Eurofins Calscience LLC**

## Narrative

### Job Narrative 570-18195-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 1/15/2020 5:27 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° 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 570-45099.

Method 8260B: The initial calibration curve analyzed in batch 570-45099 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 initial calibration curve analyzed in batch 570-44854 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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-44854.

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-45039 recovered above the upper control limit for Ethanol. The samples associated with this CCV were non-detects for the affected analytes; 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.

#### GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for preparation batch 570-45267 and analytical batch 570-45505 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SV-1\_2 (570-18195-16). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

Method 8082: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-45264 and analytical batch 570-45439 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.

#### Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-45584 and analytical batch 570-45809 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: The absolute response for Selenium was greater than the method reporting limit (RL) in the following sample: SV-13\_15 (570-18195-11).

# Case Narrative

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

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## Job ID: 570-18195-1 (Continued)

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### Laboratory: Eurofins Calscience LLC (Continued)

The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum and Selenium was greater than the method reporting limit (RL) in the following samples: SV-5\_2 (570-18195-1), SV-1\_2 (570-18195-16), SV-2\_2 (570-18195-20) and SV-4\_2 (570-18195-27).

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.

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# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-5\_2

## Lab Sample ID: 570-18195-1

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Arsenic   | 3.81   |           | 0.743 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium    | 58.1   |           | 0.495 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.609  |           | 0.248 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 7.15   |           | 0.248 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 16.2   |           | 0.248 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 9.72   |           | 0.495 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 12.5   |           | 0.248 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Thallium  | 1.22   |           | 0.743 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 29.6   |           | 0.248 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 30.7   |           | 0.990 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead      | 1.98   |           | 0.495 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-5\_5

## Lab Sample ID: 570-18195-2

No Detections.

## Client Sample ID: SV-8\_10

## Lab Sample ID: 570-18195-7

| Analyte                         | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| Acetone                         | 73     |           | 36    | ug/Kg | 1       |   | 8260B  | Total/NA  |
| C25-C28                         | 13     |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C29-C32                         | 17     |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C33-C36                         | 8.3    |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C6-C44                          | 53     |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 24     |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic                         | 4.36   |           | 0.750 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium                          | 19.6   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt                          | 4.44   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium                        | 9.92   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper                          | 6.19   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Molybdenum                      | 1.23   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel                          | 5.44   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium                        | 10.7   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc                            | 13.9   |           | 1.00  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead                            | 4.27   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-8\_15

## Lab Sample ID: 570-18195-8

| Analyte                         | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| C25-C28                         | 16     |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C29-C32                         | 18     |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C33-C36                         | 9.1    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C6-C44                          | 70     |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 38     |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |

## Client Sample ID: SV-13\_5

## Lab Sample ID: 570-18195-10

No Detections.

## Client Sample ID: SV-13\_15

## Lab Sample ID: 570-18195-11

| Analyte | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-------|---------|---|--------|-----------|
| C15-C16 | 8.0    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C17-C18 | 27     |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-13\_15 (Continued)

## Lab Sample ID: 570-18195-11

| Analyte                         | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| C19-C20                         | 43     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C21-C22                         | 51     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C23-C24                         | 72     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C25-C28                         | 190    |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C29-C32                         | 220    |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C33-C36                         | 100    |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C37-C40                         | 47     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C41-C44                         | 25     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C6-C44                          | 790    |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 400    |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic                         | 3.11   |           | 0.718 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium                          | 28.7   |           | 0.478 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt                          | 4.39   |           | 0.239 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium                        | 10.6   |           | 0.239 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper                          | 8.93   |           | 0.478 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel                          | 7.03   |           | 0.239 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Antimony                        | 1.19   |           | 0.718 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium                        | 15.7   |           | 0.239 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc                            | 20.5   |           | 0.957 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead                            | 2.60   |           | 0.478 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-9\_2

## Lab Sample ID: 570-18195-12

| Analyte                         | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| C25-C28                         | 5.9    |           | 4.8 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C29-C32                         | 8.0    |           | 4.8 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C33-C36                         | 5.8    |           | 4.8 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C6-C44                          | 34     |           | 4.8 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 10     |           | 4.8 | mg/Kg | 1       |   | 8015B  | Total/NA  |

## Client Sample ID: SV-9\_5

## Lab Sample ID: 570-18195-13

| Analyte  | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| C6-C44   | 7.5    |           | 4.9   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic  | 2.06   |           | 0.750 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium   | 24.5   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt   | 3.06   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium | 6.73   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper   | 4.47   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel   | 4.12   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium | 14.2   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc     | 18.9   |           | 1.00  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead     | 1.51   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-1\_2

## Lab Sample ID: 570-18195-16

| Analyte | Result | Qualifier | RL | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|----|-------|---------|---|--------|-----------|
| C23-C24 | 36     |           | 26 | mg/Kg | 5       |   | 8015B  | Total/NA  |
| C25-C28 | 140    |           | 26 | mg/Kg | 5       |   | 8015B  | Total/NA  |
| C29-C32 | 260    |           | 26 | mg/Kg | 5       |   | 8015B  | Total/NA  |
| C33-C36 | 260    |           | 26 | mg/Kg | 5       |   | 8015B  | Total/NA  |
| C37-C40 | 210    |           | 26 | mg/Kg | 5       |   | 8015B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-1\_2 (Continued)

## Lab Sample ID: 570-18195-16

| Analyte                         | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|-------|-------|---------|---|--------|-----------|
| C41-C44                         | 140    |           | 26    | mg/Kg | 5       |   | 8015B  | Total/NA  |
| C6-C44                          | 1100   |           | 26    | mg/Kg | 5       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 230    |           | 26    | mg/Kg | 5       |   | 8015B  | Total/NA  |
| Arsenic                         | 4.88   |           | 0.714 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium                          | 69.6   |           | 0.476 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium                       | 0.669  |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt                          | 5.72   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium                        | 12.0   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper                          | 6.92   |           | 0.476 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel                          | 7.99   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Antimony                        | 1.54   |           | 0.714 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Thallium                        | 1.04   |           | 0.714 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium                        | 24.4   |           | 0.238 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc                            | 35.9   |           | 0.952 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead                            | 4.58   |           | 0.476 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-1\_5

## Lab Sample ID: 570-18195-17

| Analyte          | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------|--------|-----------|-----|-------|---------|---|--------|-----------|
| Carbon disulfide | 8.4    |           | 7.6 | ug/Kg | 1       |   | 8260B  | Total/NA  |
| C41-C44          | 6.0    |           | 4.9 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C6-C44           | 22     |           | 4.9 | mg/Kg | 1       |   | 8015B  | Total/NA  |

## Client Sample ID: SV-1\_15

## Lab Sample ID: 570-18195-19

No Detections.

## Client Sample ID: SV-2\_2

## Lab Sample ID: 570-18195-20

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| C6-C44    | 16     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic   | 3.43   |           | 0.746 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium    | 25.2   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.260  |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 3.76   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 8.15   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 4.43   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 6.12   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 14.9   |           | 0.249 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 21.5   |           | 0.995 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead      | 2.39   |           | 0.498 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-2\_5

## Lab Sample ID: 570-18195-21

| Analyte | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-------|---------|---|--------|-----------|
| C6-C44  | 5.4    |           | 5.1 | mg/Kg | 1       |   | 8015B  | Total/NA  |

## Client Sample ID: SV-3\_2

## Lab Sample ID: 570-18195-24

| Analyte | Result | Qualifier | RL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-------|---------|---|--------|-----------|
| C25-C28 | 6.6    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C29-C32 | 9.9    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C33-C36 | 7.2    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |
| C37-C40 | 5.6    |           | 5.0 | mg/Kg | 1       |   | 8015B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-3\_2 (Continued)

Lab Sample ID: 570-18195-24

| Analyte                         | Result | Qualifier | RL     | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|--------|-------|---------|---|--------|-----------|
| C6-C44                          | 41     |           | 5.0    | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28] | 12     |           | 5.0    | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic                         | 3.86   |           | 0.743  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium                          | 52.0   |           | 0.495  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium                       | 0.484  |           | 0.248  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt                          | 5.60   |           | 0.248  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium                        | 17.1   |           | 0.248  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper                          | 18.0   |           | 0.495  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel                          | 12.5   |           | 0.248  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium                        | 21.3   |           | 0.248  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc                            | 58.4   |           | 0.990  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead                            | 8.80   |           | 0.495  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Mercury                         | 0.0887 |           | 0.0820 | mg/Kg | 1       |   | 7471A  | Total/NA  |

## Client Sample ID: SV-3\_5

Lab Sample ID: 570-18195-25

| Analyte                  | Result | Qualifier | RL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|------|-------|---------|---|--------|-----------|
| Benzene                  | 1.2    |           | 0.73 | ug/Kg | 1       |   | 8260B  | Total/NA  |
| tert-Butyl alcohol (TBA) | 26     |           | 15   | ug/Kg | 1       |   | 8260B  | Total/NA  |
| Toluene                  | 1.4    |           | 0.73 | ug/Kg | 1       |   | 8260B  | Total/NA  |
| C6-C44                   | 6.3    |           | 5.0  | mg/Kg | 1       |   | 8015B  | Total/NA  |

## Client Sample ID: SV-4\_2

Lab Sample ID: 570-18195-27

| Analyte   | Result | Qualifier | RL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|---------|---|--------|-----------|
| C6-C44    | 10     |           | 5.0   | mg/Kg | 1       |   | 8015B  | Total/NA  |
| Arsenic   | 2.48   |           | 0.750 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Barium    | 40.8   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Beryllium | 0.391  |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Cobalt    | 5.25   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Chromium  | 11.9   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Copper    | 6.51   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Nickel    | 9.06   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Vanadium  | 20.7   |           | 0.250 | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Zinc      | 38.1   |           | 1.00  | mg/Kg | 1       |   | 6010B  | Total/NA  |
| Lead      | 3.43   |           | 0.500 | mg/Kg | 1       |   | 6010B  | Total/NA  |

## Client Sample ID: SV-4\_5

Lab Sample ID: 570-18195-28

No Detections.

## Client Sample ID: EB\_20200115

Lab Sample ID: 570-18195-29

No Detections.

## Client Sample ID: TB\_20200115

Lab Sample ID: 570-18195-30

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.9  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Acetone                               | ND     |           | 39   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Benzene                               | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Bromobenzene                          | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Bromochloromethane                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Bromodichloromethane                  | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Bromoform                             | ND     |           | 3.9  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Bromomethane                          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| cis-1,3-Dichloropropane               | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Carbon disulfide                      | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Chlorobenzene                         | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Chloroethane                          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Chloroform                            | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Chloromethane                         | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Dibromochloromethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Dibromomethane                        | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Ethanol                               | ND     |           | 390  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Ethylbenzene                          | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Isopropylbenzene              | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Methylene Chloride            | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Naphthalene                   | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| n-Butylbenzene                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| o-Xylene                      | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| sec-Butylbenzene              | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Styrene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| tert-Butylbenzene             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Tetrachloroethene             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Toluene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Vinyl acetate                 | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Vinyl chloride                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 15:54 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 124       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Dibromofluoromethane (Surr)  | 115       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 15:54 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 15:54 | 1       |

**Client Sample ID: SV-5\_5**  
**Date Collected: 01/15/20 08:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-2**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.2  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.2  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-5\_5**  
**Date Collected: 01/15/20 08:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-2**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,3,5-Trimethylbenzene        | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,3-Dichloropropane           | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 2,2-Dichloropropane           | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 2-Butanone                    | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 2-Hexanone                    | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Acetone                       | ND     |           | 36   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Benzene                       | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Bromobenzene                  | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Bromochloromethane            | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Bromodichloromethane          | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Bromoform                     | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Bromomethane                  | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Carbon disulfide              | ND     |           | 7.2  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Carbon tetrachloride          | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Chlorobenzene                 | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Chloroethane                  | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Chloroform                    | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Chloromethane                 | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Dibromochloromethane          | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Dibromomethane                | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Ethanol                       | ND     |           | 360  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Ethylbenzene                  | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Isopropylbenzene              | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Methylene Chloride            | ND     |           | 7.2  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Naphthalene                   | ND     |           | 7.2  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| n-Butylbenzene                | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| o-Xylene                      | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| sec-Butylbenzene              | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Styrene                       | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| tert-Butylbenzene             | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Tetrachloroethene             | ND     |           | 0.72 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-5\_5**  
**Date Collected: 01/15/20 08:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-2**  
**Matrix: Solid**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Toluene                      | ND        |           | 0.72     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Trichloroethene              | ND        |           | 1.4      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Trichlorofluoromethane       | ND        |           | 7.2      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Vinyl acetate                | ND        |           | 7.2      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Vinyl chloride               | ND        |           | 0.72     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 118       |           | 71 - 155 |       |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 79 - 133 |       |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 16:21 | 1       |

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                               | Result    | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1,1-Trichloroethane                 | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1,2-Trichloroethane                 | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1-Dichloroethane                    | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1-Dichloroethene                    | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,1-Dichloropropene                   | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2,3-Trichlorobenzene                | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2,3-Trichloropropane                | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2,4-Trichlorobenzene                | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2,4-Trimethylbenzene                | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND        |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2-Dibromoethane                     | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2-Dichlorobenzene                   | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2-Dichloroethane                    | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,2-Dichloropropane                   | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,3,5-Trimethylbenzene                | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,3-Dichlorobenzene                   | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,3-Dichloropropane                   | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 1,4-Dichlorobenzene                   | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 2,2-Dichloropropane                   | ND        |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 2-Butanone                            | ND        |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 2-Chlorotoluene                       | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 2-Hexanone                            | ND        |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 4-Chlorotoluene                       | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 4-Methyl-2-pentanone                  | ND        |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| <b>Acetone</b>                        | <b>73</b> |           | 36   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Benzene                               | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Bromobenzene                          | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Bromochloromethane                    | ND        |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Bromodichloromethane                  | ND        |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Bromoform                             | ND        |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Bromomethane                          | ND        |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| cis-1,2-Dichloroethene        | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Carbon disulfide              | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Carbon tetrachloride          | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Chlorobenzene                 | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Chloroethane                  | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Chloroform                    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Chloromethane                 | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Dibromochloromethane          | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Dibromomethane                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Ethanol                       | ND     |           | 360  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Ethylbenzene                  | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Isopropylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Methylene Chloride            | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Naphthalene                   | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| n-Butylbenzene                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| o-Xylene                      | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| sec-Butylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Styrene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| tert-Butylbenzene             | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Tetrachloroethene             | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Toluene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Vinyl acetate                 | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Vinyl chloride                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 16:48 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 118       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 16:48 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 16:48 | 1       |

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1,1-Trichloroethane     | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 2-Butanone                            | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 2-Hexanone                            | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Acetone                               | ND     |           | 34   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Benzene                               | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Bromobenzene                          | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Bromochloromethane                    | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Bromodichloromethane                  | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Bromoform                             | ND     |           | 3.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Bromomethane                          | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Carbon disulfide                      | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Chlorobenzene                         | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Chloroethane                          | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Chloroform                            | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Chloromethane                         | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Dibromochloromethane                  | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Dibromomethane                        | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Ethanol                               | ND     |           | 340  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Ethylbenzene                          | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Isopropylbenzene                      | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Methylene Chloride                    | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Naphthalene                   | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| n-Butylbenzene                | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| N-Propylbenzene               | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| o-Xylene                      | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| m,p-Xylene                    | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| sec-Butylbenzene              | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Styrene                       | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| tert-Butylbenzene             | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Tetrachloroethene             | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Toluene                       | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Trichloroethene               | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Trichlorofluoromethane        | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Vinyl acetate                 | ND     |           | 6.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Vinyl chloride                | ND     |           | 0.67 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:15 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 116       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 17:15 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 17:15 | 1       |

**Client Sample ID: SV-13\_5**  
**Date Collected: 01/15/20 10:10**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-10**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-13\_5**  
**Date Collected: 01/15/20 10:10**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-10**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,3-Dichloropropane           | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 2,2-Dichloropropane           | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 2-Butanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Acetone                       | ND     |           | 37   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Benzene                       | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Bromobenzene                  | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Bromodichloromethane          | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Bromoform                     | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Carbon disulfide              | ND     |           | 7.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Carbon tetrachloride          | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Chlorobenzene                 | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Chloroform                    | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Dibromomethane                | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Ethylbenzene                  | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Isopropylbenzene              | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Methylene Chloride            | ND     |           | 7.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Naphthalene                   | ND     |           | 7.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| n-Butylbenzene                | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| o-Xylene                      | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| sec-Butylbenzene              | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Styrene                       | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| tert-Butylbenzene             | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Tetrachloroethene             | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Toluene                       | ND     |           | 0.74 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-13\_5**  
**Date Collected: 01/15/20 10:10**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-10**  
**Matrix: Solid**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Trichlorofluoromethane       | ND        |           | 7.4      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Vinyl acetate                | ND        |           | 7.4      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Vinyl chloride               | ND        |           | 0.74     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 71 - 155 |       |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 79 - 133 |       |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 17:41 | 1       |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Acetone                               | ND     |           | 37   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Benzene                               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Bromobenzene                          | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Bromochloromethane                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Bromodichloromethane                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Bromoform                             | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Bromomethane                          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Carbon disulfide              | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Carbon tetrachloride          | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Chlorobenzene                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Chloroform                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Dibromomethane                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Ethylbenzene                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Isopropylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Methylene Chloride            | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Naphthalene                   | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| n-Butylbenzene                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| o-Xylene                      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| sec-Butylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Styrene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| tert-Butylbenzene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Tetrachloroethene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Toluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Vinyl acetate                 | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Vinyl chloride                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 121       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 18:07 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 18:07 | 1       |

**Client Sample ID: SV-9\_2**  
**Date Collected: 01/15/20 10:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-12**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 8.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_2**  
**Date Collected: 01/15/20 10:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-12**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,2-Trichloroethane       | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,1-Dichloropropene         | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 8.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2-Dibromoethane           | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 2,2-Dichloropropane         | ND     |           | 4.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 2-Butanone                  | ND     |           | 16   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 2-Hexanone                  | ND     |           | 16   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 16   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Acetone                     | ND     |           | 40   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Benzene                     | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Bromobenzene                | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Bromochloromethane          | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Bromodichloromethane        | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Bromoform                   | ND     |           | 4.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Bromomethane                | ND     |           | 16   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| cis-1,3-Dichloropropane     | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Carbon disulfide            | ND     |           | 8.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Carbon tetrachloride        | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Chlorobenzene               | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Chloroethane                | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Chloroform                  | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Chloromethane               | ND     |           | 16   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Dibromochloromethane        | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Dibromomethane              | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Dichlorodifluoromethane     | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Di-isopropyl ether (DIPE)   | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Ethanol                     | ND     |           | 400  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Ethylbenzene                | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Isopropylbenzene            | ND     |           | 0.80 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Methylene Chloride          | ND     |           | 8.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND     |           | 1.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Naphthalene                 | ND     |           | 8.0  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_2**  
**Date Collected: 01/15/20 10:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-12**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| n-Butylbenzene                | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| N-Propylbenzene               | ND        |           | 1.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| o-Xylene                      | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| m,p-Xylene                    | ND        |           | 1.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| p-Isopropyltoluene            | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| sec-Butylbenzene              | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Styrene                       | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| trans-1,2-Dichloroethene      | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| trans-1,3-Dichloropropene     | ND        |           | 1.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |           | 16       | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| tert-Butylbenzene             | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Tetrachloroethene             | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Toluene                       | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Trichloroethene               | ND        |           | 1.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Trichlorofluoromethane        | ND        |           | 8.0      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Vinyl acetate                 | ND        |           | 8.0      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Vinyl chloride                | ND        |           | 0.80     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr)  | 118       |           | 71 - 155 |       |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| 4-Bromofluorobenzene (Surr)   | 101       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Dibromofluoromethane (Surr)   | 109       |           | 79 - 133 |       |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |
| Toluene-d8 (Surr)             | 100       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 18:34 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2,2-Dichloropropane           | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 2-Butanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Acetone                       | ND     |           | 37   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Benzene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Bromobenzene                  | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Bromodichloromethane          | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Bromoform                     | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Carbon disulfide              | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Carbon tetrachloride          | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Chlorobenzene                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Chloroform                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Dibromomethane                | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Ethylbenzene                  | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Isopropylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Methylene Chloride            | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Naphthalene                   | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| n-Butylbenzene                | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| o-Xylene                      | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| sec-Butylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Styrene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| tert-Butylbenzene             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Tetrachloroethene             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Toluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Vinyl acetate                 | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                      | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Vinyl chloride               | ND        |           | 0.73     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 119       |           | 71 - 155 |       |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 79 - 133 |       |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 19:00 | 1       |

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Acetone                               | ND     |           | 37   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Benzene                               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Bromobenzene                          | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Bromochloromethane                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Bromodichloromethane                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Bromoform                             | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Bromomethane                          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Carbon disulfide                      | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Chlorobenzene                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Chloroform                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Dibromomethane                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Ethylbenzene                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Isopropylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Methylene Chloride            | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Naphthalene                   | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| n-Butylbenzene                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| o-Xylene                      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| sec-Butylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Styrene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| tert-Butylbenzene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Tetrachloroethene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Toluene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Trichlorofluoromethane        | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Vinyl acetate                 | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| Vinyl chloride                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 19:26 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 123       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 109       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 19:26 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 99        |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 19:26 | 1       |

**Client Sample ID: SV-1\_5**  
**Date Collected: 01/15/20 12:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-17**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-1\_5**  
**Date Collected: 01/15/20 12:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-17**  
**Matrix: Solid**

| Analyte                     | Result     | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethene          | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,1-Dichloropropene         | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2,3-Trichlorobenzene      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2,3-Trichloropropane      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2,4-Trichlorobenzene      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2,4-Trimethylbenzene      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND         |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2-Dibromoethane           | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2-Dichlorobenzene         | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2-Dichloroethane          | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,2-Dichloropropane         | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,3,5-Trimethylbenzene      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,3-Dichlorobenzene         | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,3-Dichloropropane         | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 1,4-Dichlorobenzene         | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 2,2-Dichloropropane         | ND         |           | 3.8  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 2-Butanone                  | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 2-Chlorotoluene             | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 2-Hexanone                  | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 4-Chlorotoluene             | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 4-Methyl-2-pentanone        | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Acetone                     | ND         |           | 38   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Benzene                     | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Bromobenzene                | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Bromochloromethane          | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Bromodichloromethane        | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Bromoform                   | ND         |           | 3.8  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Bromomethane                | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| cis-1,2-Dichloroethene      | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| cis-1,3-Dichloropropane     | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| <b>Carbon disulfide</b>     | <b>8.4</b> |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Carbon tetrachloride        | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Chlorobenzene               | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Chloroethane                | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Chloroform                  | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Chloromethane               | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Dibromochloromethane        | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Dibromomethane              | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Dichlorodifluoromethane     | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Di-isopropyl ether (DIPE)   | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Ethanol                     | ND         |           | 380  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Ethylbenzene                | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Isopropylbenzene            | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Methylene Chloride          | ND         |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Naphthalene                 | ND         |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| n-Butylbenzene              | ND         |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| N-Propylbenzene             | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-1\_5**  
**Date Collected: 01/15/20 12:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-17**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| o-Xylene                      | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| sec-Butylbenzene              | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Styrene                       | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| tert-Butylbenzene             | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Tetrachloroethene             | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Toluene                       | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Trichlorofluoromethane        | ND     | *         | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Vinyl acetate                 | ND     |           | 7.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Vinyl chloride                | ND     |           | 0.76 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 21:55 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 119       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 21:55 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 21:55 | 1       |

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.9  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2-Chlorotoluene               | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Acetone                       | ND     |           | 39   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Benzene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Bromobenzene                  | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Bromodichloromethane          | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Bromoform                     | ND     |           | 3.9  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Carbon disulfide              | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Carbon tetrachloride          | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Chlorobenzene                 | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Chloroform                    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Dibromomethane                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Ethanol                       | ND     |           | 390  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Ethylbenzene                  | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Isopropylbenzene              | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Methylene Chloride            | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Naphthalene                   | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| n-Butylbenzene                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| o-Xylene                      | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| sec-Butylbenzene              | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Styrene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| tert-Butylbenzene             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Tetrachloroethene             | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Toluene                       | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Trichlorofluoromethane        | ND     | *         | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Vinyl acetate                 | ND     |           | 7.7  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Vinyl chloride                | ND     |           | 0.77 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:22 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 121       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 22:22 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 22:22 | 1       |

**Client Sample ID: SV-2\_5**  
**Date Collected: 01/15/20 13:05**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-21**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 2-Butanone                            | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 2-Hexanone                            | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Acetone                               | ND     |           | 36   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Benzene                               | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Bromobenzene                          | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Bromochloromethane                    | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Bromodichloromethane                  | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Bromoform                             | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Bromomethane                          | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Carbon disulfide                      | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Chlorobenzene                         | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Chloroethane                          | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Chloroform                            | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Chloromethane                         | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Dibromochloromethane                  | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-2\_5**  
**Date Collected: 01/15/20 13:05**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-21**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Dibromomethane                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Ethanol                       | ND     |           | 360  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Ethylbenzene                  | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Isopropylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Methylene Chloride            | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Naphthalene                   | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| n-Butylbenzene                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| N-Propylbenzene               | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| o-Xylene                      | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| m,p-Xylene                    | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| sec-Butylbenzene              | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Styrene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 14   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| tert-Butylbenzene             | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Tetrachloroethene             | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Toluene                       | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Trichloroethene               | ND     |           | 1.4  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Trichlorofluoromethane        | ND *   |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Vinyl acetate                 | ND     |           | 7.1  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Vinyl chloride                | ND     |           | 0.71 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 22:49 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 121       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 22:49 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 22:49 | 1       |

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 6.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene      | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 6.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2-Dibromoethane           | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 2,2-Dichloropropane         | ND     |           | 3.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 2-Butanone                  | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 2-Hexanone                  | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Acetone                     | ND     |           | 33   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Benzene                     | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Bromobenzene                | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Bromochloromethane          | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Bromodichloromethane        | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Bromoform                   | ND     |           | 3.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Bromomethane                | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Carbon disulfide            | ND     |           | 6.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Carbon tetrachloride        | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Chlorobenzene               | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Chloroethane                | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Chloroform                  | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Chloromethane               | ND     |           | 13   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Dibromochloromethane        | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Dibromomethane              | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Dichlorodifluoromethane     | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Di-isopropyl ether (DIPE)   | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Ethanol                     | ND     |           | 330  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Ethylbenzene                | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Isopropylbenzene            | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Methylene Chloride          | ND     |           | 6.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Naphthalene                 | ND     |           | 6.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| n-Butylbenzene              | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| N-Propylbenzene             | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| o-Xylene                    | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| m,p-Xylene                  | ND     |           | 1.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| p-Isopropyltoluene          | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| sec-Butylbenzene            | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Styrene                     | ND     |           | 0.66 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| trans-1,2-Dichloroethene      | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| trans-1,3-Dichloropropene     | ND        |           | 1.3      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |           | 13       | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| tert-Butylbenzene             | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Tetrachloroethene             | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Toluene                       | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Trichloroethene               | ND        |           | 1.3      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Trichlorofluoromethane        | ND        | *         | 6.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Vinyl acetate                 | ND        |           | 6.6      | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Vinyl chloride                | ND        |           | 0.66     | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr)  | 122       |           | 71 - 155 |       |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| 4-Bromofluorobenzene (Surr)   | 102       |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Dibromofluoromethane (Surr)   | 105       |           | 79 - 133 |       |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |
| Toluene-d8 (Surr)             | 91        |           | 80 - 120 |       |   | 01/16/20 22:48 | 01/17/20 23:16 | 1       |

**Client Sample ID: SV-3\_5**  
**Date Collected: 01/15/20 13:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-25**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Acetone                               | ND     |           | 36   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-3\_5**  
**Date Collected: 01/15/20 13:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-25**  
**Matrix: Solid**

| Analyte                         | Result     | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|------------|-----------|------|-------|---|----------------|----------------|---------|
| <b>Benzene</b>                  | <b>1.2</b> |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Bromobenzene                    | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Bromochloromethane              | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Bromodichloromethane            | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Bromoform                       | ND         |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Bromomethane                    | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| cis-1,2-Dichloroethene          | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| cis-1,3-Dichloropropene         | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Carbon disulfide                | ND         |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Carbon tetrachloride            | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Chlorobenzene                   | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Chloroethane                    | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Chloroform                      | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Chloromethane                   | ND         |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Dibromochloromethane            | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Dibromomethane                  | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Dichlorodifluoromethane         | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Di-isopropyl ether (DIPE)       | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Ethanol                         | ND         |           | 360  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Ethylbenzene                    | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Ethyl-t-butyl ether (ETBE)      | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Isopropylbenzene                | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Methylene Chloride              | ND         |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Methyl-t-Butyl Ether (MTBE)     | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Naphthalene                     | ND         |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| n-Butylbenzene                  | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| N-Propylbenzene                 | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| o-Xylene                        | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| m,p-Xylene                      | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| p-Isopropyltoluene              | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| sec-Butylbenzene                | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Styrene                         | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| trans-1,2-Dichloroethene        | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| trans-1,3-Dichloropropene       | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Tert-amyl-methyl ether (TAME)   | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| <b>tert-Butyl alcohol (TBA)</b> | <b>26</b>  |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| tert-Butylbenzene               | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Tetrachloroethene               | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| <b>Toluene</b>                  | <b>1.4</b> |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Trichloroethene                 | ND         |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Trichlorofluoromethane          | ND         | *         | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Vinyl acetate                   | ND         |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Vinyl chloride                  | ND         |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 05:06 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 123       |           | 71 - 155 | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 80 - 120 | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 79 - 133 | 01/16/20 22:48 | 01/18/20 05:06 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/18/20 05:06 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 2-Butanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 2-Chlorotoluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 2-Hexanone                            | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 4-Chlorotoluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Acetone                               | ND     |           | 36   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Benzene                               | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Bromobenzene                          | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Bromochloromethane                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Bromodichloromethane                  | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Bromoform                             | ND     |           | 3.6  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Bromomethane                          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Carbon disulfide                      | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Chlorobenzene                         | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Chloroethane                          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Chloroform                            | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Chloromethane                         | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Dibromochloromethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Dibromomethane                        | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Ethanol                               | ND     |           | 360  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Ethylbenzene                          | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Isopropylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Methylene Chloride            | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Naphthalene                   | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| n-Butylbenzene                | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| o-Xylene                      | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| sec-Butylbenzene              | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Styrene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| tert-Butylbenzene             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Tetrachloroethene             | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Toluene                       | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Trichloroethene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Trichlorofluoromethane        | ND     | *         | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Vinyl acetate                 | ND     |           | 7.3  | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| Vinyl chloride                | ND     |           | 0.73 | ug/Kg |   | 01/16/20 22:48 | 01/17/20 23:43 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 118       |           | 71 - 155 | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 103       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 100       |           | 79 - 133 | 01/16/20 22:48 | 01/17/20 23:43 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 101       |           | 80 - 120 | 01/16/20 22:48 | 01/17/20 23:43 | 1       |

**Client Sample ID: SV-4\_5**  
**Date Collected: 01/15/20 14:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-28**  
**Matrix: Solid**

| Analyte                               | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-4\_5**  
**Date Collected: 01/15/20 14:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-28**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,3,5-Trimethylbenzene        | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,3-Dichloropropane           | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 2,2-Dichloropropane           | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 2-Butanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 2-Chlorotoluene               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 2-Hexanone                    | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 4-Chlorotoluene               | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| 4-Methyl-2-pentanone          | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Acetone                       | ND     |           | 37   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Benzene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Bromobenzene                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Bromochloromethane            | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Bromodichloromethane          | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Bromoform                     | ND     |           | 3.7  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Bromomethane                  | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| cis-1,2-Dichloroethene        | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Carbon disulfide              | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Carbon tetrachloride          | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Chlorobenzene                 | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Chloroethane                  | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Chloroform                    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Chloromethane                 | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Dibromochloromethane          | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Dibromomethane                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Dichlorodifluoromethane       | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Ethanol                       | ND     |           | 370  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Ethylbenzene                  | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Isopropylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Methylene Chloride            | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Naphthalene                   | ND     |           | 7.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| n-Butylbenzene                | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| N-Propylbenzene               | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| o-Xylene                      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| m,p-Xylene                    | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| p-Isopropyltoluene            | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| sec-Butylbenzene              | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Styrene                       | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 1.5  | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 15   | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| tert-Butylbenzene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |
| Tetrachloroethene             | ND     |           | 0.75 | ug/Kg |   | 01/16/20 22:48 | 01/18/20 00:10 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-4\_5**  
**Date Collected: 01/15/20 14:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-28**  
**Matrix: Solid**

| Analyte                      | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Toluene                      | ND               |                  | 0.75          | ug/Kg |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Trichloroethene              | ND               |                  | 1.5           | ug/Kg |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Trichlorofluoromethane       | ND               | *                | 7.5           | ug/Kg |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Vinyl acetate                | ND               |                  | 7.5           | ug/Kg |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Vinyl chloride               | ND               |                  | 0.75          | ug/Kg |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 124              |                  | 71 - 155      |       |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| 4-Bromofluorobenzene (Surr)  | 102              |                  | 80 - 120      |       |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Dibromofluoromethane (Surr)  | 101              |                  | 79 - 133      |       |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 80 - 120      |       |   | 01/16/20 22:48  | 01/18/20 00:10  | 1              |

**Client Sample ID: EB\_20200115**  
**Date Collected: 01/15/20 14:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-29**  
**Matrix: Water**

| Analyte                               | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1,1-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 2-Butanone                            | ND     |           | 20   | ug/L |   |          | 01/18/20 15:59 | 1       |
| 2-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 2-Hexanone                            | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| 4-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Acetone                               | ND     |           | 20   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Benzene                               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Bromobenzene                          | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Bromochloromethane                    | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Bromoform                             | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Bromomethane                          | ND     |           | 50   | ug/L |   |          | 01/18/20 15:59 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: EB\_20200115**

**Date Collected: 01/15/20 14:00**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-29**

**Matrix: Water**

| Analyte                       | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene        | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| cis-1,3-Dichloropropene       | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:59 | 1       |
| Carbon disulfide              | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Carbon tetrachloride          | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:59 | 1       |
| Chlorobenzene                 | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Chloroethane                  | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Chloroform                    | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Chloromethane                 | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Dibromochloromethane          | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Dibromomethane                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Dichlorodifluoromethane       | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Di-isopropyl ether (DIPE)     | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Ethanol                       | ND     |           | 100  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Ethylbenzene                  | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Isopropylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Methylene Chloride            | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Naphthalene                   | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| n-Butylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| N-Propylbenzene               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| o-Xylene                      | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| m,p-Xylene                    | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| p-Isopropyltoluene            | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| sec-Butylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Styrene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:59 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| tert-Butylbenzene             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Tetrachloroethene             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Toluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Trichloroethene               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:59 | 1       |
| Trichlorofluoromethane        | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Vinyl acetate                 | ND     |           | 10   | ug/L |   |          | 01/18/20 15:59 | 1       |
| Vinyl chloride                | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:59 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 80 - 129 |          | 01/18/20 15:59 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 77 - 120 |          | 01/18/20 15:59 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 80 - 128 |          | 01/18/20 15:59 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 01/18/20 15:59 | 1       |

**Client Sample ID: TB\_20200115**

**Date Collected: 01/15/20 00:00**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-30**

**Matrix: Water**

| Analyte                   | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-----|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | ND     |           | 2.0 | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1,1-Trichloroethane     | ND     |           | 1.0 | ug/L |   |          | 01/18/20 15:33 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB\_20200115**  
**Date Collected: 01/15/20 00:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-30**  
**Matrix: Water**

| Analyte                               | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,1-Dichloropropene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2,3-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2,3-Trichloropropane                | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2,4-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,3,5-Trimethylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,3-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 2,2-Dichloropropane                   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 2-Butanone                            | ND     |           | 20   | ug/L |   |          | 01/18/20 15:33 | 1       |
| 2-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 2-Hexanone                            | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| 4-Chlorotoluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| 4-Methyl-2-pentanone                  | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Acetone                               | ND     |           | 20   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Benzene                               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Bromobenzene                          | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Bromochloromethane                    | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Bromoform                             | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Bromomethane                          | ND     |           | 50   | ug/L |   |          | 01/18/20 15:33 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| cis-1,3-Dichloropropane               | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:33 | 1       |
| Carbon disulfide                      | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Carbon tetrachloride                  | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:33 | 1       |
| Chlorobenzene                         | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Chloroethane                          | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Chloroform                            | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Chloromethane                         | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Dibromochloromethane                  | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Dibromomethane                        | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Dichlorodifluoromethane               | ND     |           | 5.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Di-isopropyl ether (DIPE)             | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Ethanol                               | ND     |           | 100  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Ethylbenzene                          | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Ethyl-t-butyl ether (ETBE)            | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Methylene Chloride                    | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB\_20200115**  
**Date Collected: 01/15/20 00:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-30**  
**Matrix: Water**

| Analyte                       | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Methyl-t-Butyl Ether (MTBE)   | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Naphthalene                   | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| n-Butylbenzene                | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| N-Propylbenzene               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| o-Xylene                      | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| m,p-Xylene                    | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| p-Isopropyltoluene            | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| sec-Butylbenzene              | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Styrene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:33 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 2.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| tert-Butylbenzene             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Tetrachloroethene             | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Toluene                       | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Trichloroethene               | ND     |           | 1.0  | ug/L |   |          | 01/18/20 15:33 | 1       |
| Trichlorofluoromethane        | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Vinyl acetate                 | ND     |           | 10   | ug/L |   |          | 01/18/20 15:33 | 1       |
| Vinyl chloride                | ND     |           | 0.50 | ug/L |   |          | 01/18/20 15:33 | 1       |

| Surrogate                           | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------------|-----------|-----------|----------|----------|----------------|---------|
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 90        |           | 80 - 129 |          | 01/18/20 15:33 | 1       |
| <i>4-Bromofluorobenzene (Surr)</i>  | 77        |           | 77 - 120 |          | 01/18/20 15:33 | 1       |
| <i>Dibromofluoromethane (Surr)</i>  | 92        |           | 80 - 128 |          | 01/18/20 15:33 | 1       |
| <i>Toluene-d8 (Surr)</i>            | 99        |           | 80 - 120 |          | 01/18/20 15:33 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 1,2-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 1-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4,5-Trichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4,6-Trichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4-Dimethylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4-Dinitrophenol             | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,4-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,6-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2,6-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Chloronaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Dibenzofuran              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Diethyl phthalate         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Dimethyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Di-n-butyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Di-n-octyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Fluoranthene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Fluorene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Hexachloro-1,3-butadiene  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Hexachlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Hexachlorocyclopentadiene | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Hexachloroethane          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Indeno[1,2,3-cd]pyrene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Isophorone                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Naphthalene               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:27 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 44        |           | 18 - 138 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Fluorobiphenyl (Surr)     | 48        |           | 27 - 120 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 25 - 120 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Nitrobenzene-d5 (Surr)      | 52        |           | 33 - 123 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| p-Terphenyl-d14 (Surr)      | 72        |           | 27 - 159 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |
| Phenol-d6 (Surr)            | 55        |           | 26 - 122 | 01/20/20 11:40 | 01/21/20 23:27 | 1       |

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 1,3-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 1-Methylnaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4,5-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4,6-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4-Dimethylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4-Dinitrophenol      | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,4-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,6-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2,6-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Chloronaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 23:46 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 18 - 138 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Fluorobiphenyl (Surr)     | 67        |           | 27 - 120 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| 2-Fluorophenol (Surr)       | 67        |           | 25 - 120 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 33 - 123 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| p-Terphenyl-d14 (Surr)      | 97        |           | 27 - 159 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |
| Phenol-d6 (Surr)            | 78        |           | 26 - 122 | 01/20/20 11:40 | 01/21/20 23:46 | 1       |

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4,5-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4,6-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,6-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Chloronaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Chlorophenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Methylphenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 3 & 4 Methylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 3-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4-Chloroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 4-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:05 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 66        |           | 18 - 138 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Fluorobiphenyl (Surr)     | 51        |           | 27 - 120 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| 2-Fluorophenol (Surr)       | 57        |           | 25 - 120 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Nitrobenzene-d5 (Surr)      | 57        |           | 33 - 123 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Surrogate                      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>p</i> -Terphenyl-d14 (Surr) | 86        |           | 27 - 159 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |
| Phenol-d6 (Surr)               | 65        |           | 26 - 122 | 01/20/20 11:40 | 01/22/20 00:05 | 1       |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4,5-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4,6-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,6-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Chloronaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Chlorophenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Methylphenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 3 & 4 Methylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 3-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Chloroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 4-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Acenaphthene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Aniline                     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Anthracene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Azobenzene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzidine                   | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzoic acid                | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Benzyl alcohol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 18 - 138 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Fluorobiphenyl (Surr)     | 56        |           | 27 - 120 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| 2-Fluorophenol (Surr)       | 56        |           | 25 - 120 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 59        |           | 33 - 123 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| p-Terphenyl-d14 (Surr)      | 89        |           | 27 - 159 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |
| Phenol-d6 (Surr)            | 67        |           | 26 - 122 | 01/20/20 11:40 | 01/22/20 00:24 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 1,3-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 1-Methylnaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,4,5-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,4,6-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,4-Dimethylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,4-Dinitrophenol             | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,4-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,6-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2,6-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Chloronaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Hexachloro-1,3-butadiene  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Hexachlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Hexachlorocyclopentadiene | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Hexachloroethane          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Indeno[1,2,3-cd]pyrene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Isophorone                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Naphthalene               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 00:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 51        |           | 18 - 138 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Fluorobiphenyl (Surr)     | 46        |           | 27 - 120 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| 2-Fluorophenol (Surr)       | 51        |           | 25 - 120 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 52        |           | 33 - 123 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| p-Terphenyl-d14 (Surr)      | 74        |           | 27 - 159 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |
| Phenol-d6 (Surr)            | 59        |           | 26 - 122 | 01/20/20 11:40 | 01/22/20 00:43 | 1       |

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 1,2-Dichlorobenzene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 1,3-Dichlorobenzene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 1,4-Dichlorobenzene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 1-Methylnaphthalene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4,5-Trichlorophenol  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4,6-Trichlorophenol  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4-Dichlorophenol     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4-Dimethylphenol     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4-Dinitrophenol      | ND     |           | 10  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,4-Dinitrotoluene     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,6-Dichlorophenol     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2,6-Dinitrotoluene     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Chloronaphthalene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Chlorophenol         | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Methylnaphthalene    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Methylphenol         | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Nitroaniline         | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Nitrophenol          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 3,3'-Dichlorobenzidine | ND     |           | 13  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 3 & 4 Methylphenol     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| 3-Nitroaniline                | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 13  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Bromophenyl phenyl ether    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Chloro-3-methylphenol       | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Chloroaniline               | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Nitroaniline                | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 4-Nitrophenol                 | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Acenaphthene                  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Acenaphthylene                | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Aniline                       | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Anthracene                    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Azobenzene                    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzidine                     | ND     |           | 25  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzo[a]anthracene            | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzo[a]pyrene                | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzo[b]fluoranthene          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzo[g,h,i]perylene          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzo[k]fluoranthene          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzoic acid                  | ND     |           | 13  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Benzyl alcohol                | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Bis(2-chloroethoxy)methane    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Bis(2-chloroethyl)ether       | ND     |           | 13  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| bis (2-Chloroisopropyl) ether | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Butyl benzyl phthalate        | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Chrysene                      | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Dibenz(a,h)anthracene         | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Dibenzofuran                  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Diethyl phthalate             | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Dimethyl phthalate            | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Di-n-butyl phthalate          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Di-n-octyl phthalate          | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Fluoranthene                  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Fluorene                      | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Hexachloro-1,3-butadiene      | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Hexachlorobenzene             | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Hexachlorocyclopentadiene     | ND     |           | 7.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Hexachloroethane              | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Isophorone                    | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Naphthalene                   | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Nitrobenzene                  | ND     |           | 10  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| N-Nitrosodimethylamine        | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| N-Nitrosodi-n-propylamine     | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| N-Nitrosodiphenylamine        | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Pentachlorophenol             | ND     |           | 13  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Phenanthrene                  | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Phenol                        | ND     |           | 2.5 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                     | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Pyrene                      | ND        |           | 2.5      | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Pyridine                    | ND        |           | 2.5      | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr) | 45        |           | 18 - 138 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Fluorobiphenyl (Surr)     | 39        |           | 27 - 120 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| 2-Fluorophenol (Surr)       | 40        |           | 25 - 120 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Nitrobenzene-d5 (Surr)      | 38        |           | 33 - 123 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| p-Terphenyl-d14 (Surr)      | 49        |           | 27 - 159 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |
| Phenol-d6 (Surr)            | 45        |           | 26 - 122 |       |   | 01/20/20 11:40 | 01/22/20 01:02 | 5       |

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte                     | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4,5-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4,6-Trichlorophenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,6-Dichlorophenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Chloronaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Chlorophenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Methylphenol              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 3 & 4 Methylphenol          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 3-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Chloroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Nitroaniline              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 4-Nitrophenol               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Acenaphthene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Aniline                     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Anthracene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Azobenzene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzidine                   | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |

Eurofins Calscience LLC



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:21 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 53        |           | 18 - 138 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Fluorobiphenyl (Surr)     | 33        |           | 27 - 120 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 25 - 120 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Nitrobenzene-d5 (Surr)      | 36        |           | 33 - 123 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| p-Terphenyl-d14 (Surr)      | 56        |           | 27 - 159 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |
| Phenol-d6 (Surr)            | 51        |           | 26 - 122 | 01/20/20 11:40 | 01/22/20 01:21 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 1,2-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 1,3-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 1,4-Dichlorobenzene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 1-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4,5-Trichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4,6-Trichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4-Dimethylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4-Dinitrophenol             | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,4-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,6-Dichlorophenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2,6-Dinitrotoluene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Chloronaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                   | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Dibenzofuran              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Diethyl phthalate         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Dimethyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Di-n-butyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Di-n-octyl phthalate      | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Fluoranthene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Fluorene                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Hexachloro-1,3-butadiene  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Hexachlorobenzene         | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Hexachlorocyclopentadiene | ND     |           | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Hexachloroethane          | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Indeno[1,2,3-cd]pyrene    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Isophorone                | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Naphthalene               | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Nitrobenzene              | ND     |           | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| N-Nitrosodimethylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| N-Nitrosodi-n-propylamine | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| N-Nitrosodiphenylamine    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Pentachlorophenol         | ND     |           | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Phenanthrene              | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Phenol                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Pyrene                    | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Pyridine                  | ND     |           | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/22/20 01:41 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 18 - 138 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Fluorobiphenyl (Surr)     | 53        |           | 27 - 120 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| 2-Fluorophenol (Surr)       | 65        |           | 25 - 120 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Nitrobenzene-d5 (Surr)      | 56        |           | 33 - 123 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| p-Terphenyl-d14 (Surr)      | 75        |           | 27 - 159 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |
| Phenol-d6 (Surr)            | 73        |           | 26 - 122 | 01/20/20 11:40 | 01/22/20 01:41 | 1       |

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 1,3-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 1-Methylnaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4,5-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4,6-Trichlorophenol  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4-Dimethylphenol     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4-Dinitrophenol      | ND     |           | 2.0  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,4-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,6-Dichlorophenol     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2,6-Dinitrotoluene     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2-Chloronaphthalene    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                       | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| 2-Chlorophenol                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2-Methylnaphthalene           | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2-Methylphenol                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 2-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 3,3'-Dichlorobenzidine        | ND     |           | 2.5  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 3 & 4 Methylphenol            | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 3-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4,6-Dinitro-2-methylphenol    | ND     |           | 2.5  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Bromophenyl phenyl ether    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 17:39 | 01/24/20 12:14 | 1       |

Eurofins Calscience LLC

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                            | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Nitrobenzene                       | ND               |                  | 2.0           | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| N-Nitrosodimethylamine             | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| N-Nitrosodi-n-propylamine          | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| N-Nitrosodiphenylamine             | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| Pentachlorophenol                  | ND               |                  | 2.5           | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| Phenanthrene                       | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| Phenol                             | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| Pyrene                             | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| Pyridine                           | ND               |                  | 0.50          | mg/Kg |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <b>Surrogate</b>                   | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>2,4,6-Tribromophenol (Surr)</i> | 85               |                  | 18 - 138      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <i>2-Fluorobiphenyl (Surr)</i>     | 75               |                  | 27 - 120      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <i>2-Fluorophenol (Surr)</i>       | 79               |                  | 25 - 120      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <i>Nitrobenzene-d5 (Surr)</i>      | 73               |                  | 33 - 123      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <i>p-Terphenyl-d14 (Surr)</i>      | 75               |                  | 27 - 159      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |
| <i>Phenol-d6 (Surr)</i>            | 76               |                  | 26 - 122      |       |   | 01/22/20 17:39  | 01/24/20 12:14  | 1              |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C7 as C7                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C8 as C8                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C9-C10                          | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C11-C12                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C13-C14                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C15-C16                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C17-C18                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C19-C20                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C21-C22                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C23-C24                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C25-C28                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C29-C32                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C33-C36                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C37-C40                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C41-C44                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| C6-C44                          | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:26 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 92        |           | 61 - 145 | 01/20/20 11:48 | 01/20/20 22:26 | 1       |

**Client Sample ID: SV-5\_5**  
**Date Collected: 01/15/20 08:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-2**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C7 as C7                        | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C8 as C8                        | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C9-C10                          | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C11-C12                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C13-C14                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C15-C16                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C17-C18                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C19-C20                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C21-C22                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C23-C24                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C25-C28                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C29-C32                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C33-C36                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C37-C40                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C41-C44                         | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| C6-C44                          | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 22:47 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 97        |           | 61 - 145 | 01/20/20 11:48 | 01/20/20 22:47 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C7 as C7                               | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C8 as C8                               | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C9-C10                                 | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C11-C12                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C13-C14                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C15-C16                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C17-C18                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C19-C20                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C21-C22                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C23-C24                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| <b>C25-C28</b>                         | <b>13</b>  |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| <b>C29-C32</b>                         | <b>17</b>  |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| <b>C33-C36</b>                         | <b>8.3</b> |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C37-C40                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| C41-C44                                | ND         |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| <b>C6-C44</b>                          | <b>53</b>  |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | <b>24</b>  |           | 4.9 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:08 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 103       |           | 61 - 145 | 01/20/20 11:48 | 01/20/20 23:08 | 1       |

**Client Sample ID: SV-8\_15**  
**Date Collected: 01/15/20 09:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-8**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C7 as C7                               | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C8 as C8                               | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C9-C10                                 | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C11-C12                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C13-C14                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C15-C16                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C17-C18                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C19-C20                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C21-C22                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C23-C24                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| <b>C25-C28</b>                         | <b>16</b>  |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| <b>C29-C32</b>                         | <b>18</b>  |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| <b>C33-C36</b>                         | <b>9.1</b> |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C37-C40                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| C41-C44                                | ND         |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| <b>C6-C44</b>                          | <b>70</b>  |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | <b>38</b>  |           | 5.0 | mg/Kg | - | 01/20/20 11:48 | 01/20/20 23:28 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 108       |           | 61 - 145 | 01/20/20 11:48 | 01/20/20 23:28 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-13\_5**  
**Date Collected: 01/15/20 10:10**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-10**  
**Matrix: Solid**

| Analyte                         | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|---------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| C6 as C6                        | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C7 as C7                        | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C8 as C8                        | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C9-C10                          | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C11-C12                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C13-C14                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C15-C16                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C17-C18                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C19-C20                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C21-C22                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C23-C24                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C25-C28                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C29-C32                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C33-C36                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C37-C40                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C41-C44                         | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| C6-C44                          | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| Diesel Range Organics [C10-C28] | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |
| <b>Surrogate</b>                | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>n</i> -Octacosane (Surr)     | 105              |                  | 61 - 145      |       |   | 01/20/20 11:48  | 01/20/20 23:49  | 1              |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                                | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|--|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| C6 as C6                               | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| C7 as C7                               | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| C8 as C8                               | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| C9-C10                                 | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| C11-C12                                | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| C13-C14                                | ND               |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C15-C16</b>                         | <b>8.0</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C17-C18</b>                         | <b>27</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C19-C20</b>                         | <b>43</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C21-C22</b>                         | <b>51</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C23-C24</b>                         | <b>72</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C25-C28</b>                         | <b>190</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C29-C32</b>                         | <b>220</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C33-C36</b>                         | <b>100</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C37-C40</b>                         | <b>47</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C41-C44</b>                         | <b>25</b>        |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>C6-C44</b>                          | <b>790</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>Diesel Range Organics [C10-C28]</b> | <b>400</b>       |                  | 5.0           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |
| <b>Surrogate</b>                       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>n</i> -Octacosane (Surr)            | 115              |                  | 61 - 145      |       |   | 01/20/20 11:48  | 01/21/20 00:10  | 1              |



# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-9\_2**  
**Date Collected: 01/15/20 10:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-12**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C7 as C7                               | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C8 as C8                               | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C9-C10                                 | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C11-C12                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C13-C14                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C15-C16                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C17-C18                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C19-C20                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C21-C22                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C23-C24                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| <b>C25-C28</b>                         | <b>5.9</b> |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| <b>C29-C32</b>                         | <b>8.0</b> |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| <b>C33-C36</b>                         | <b>5.8</b> |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C37-C40                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| C41-C44                                | ND         |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| <b>C6-C44</b>                          | <b>34</b>  |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | <b>10</b>  |           | 4.8 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 00:51 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 111       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 00:51 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C7 as C7                               | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C8 as C8                               | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C9-C10                                 | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C11-C12                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C13-C14                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C15-C16                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C17-C18                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C19-C20                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C21-C22                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C23-C24                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C25-C28                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C29-C32                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C33-C36                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C37-C40                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| C41-C44                                | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| <b>C6-C44</b>                          | <b>7.5</b> |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | ND         |           | 4.9 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 01:12 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 103       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 01:12 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte                                | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|--|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| C6 as C6                               | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C7 as C7                               | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C8 as C8                               | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C9-C10                                 | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C11-C12                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C13-C14                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C15-C16                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C17-C18                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C19-C20                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| C21-C22                                | ND               |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C23-C24</b>                         | <b>36</b>        |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C25-C28</b>                         | <b>140</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C29-C32</b>                         | <b>260</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C33-C36</b>                         | <b>260</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C37-C40</b>                         | <b>210</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C41-C44</b>                         | <b>140</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>C6-C44</b>                          | <b>1100</b>      |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>Diesel Range Organics [C10-C28]</b> | <b>230</b>       |                  | 26            | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |
| <b>Surrogate</b>                       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>n-Octacosane (Surr)</i>             | 110              |                  | 61 - 145      |       |   | 01/20/20 11:48  | 01/21/20 01:33  | 5              |

**Client Sample ID: SV-1\_5**  
**Date Collected: 01/15/20 12:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-17**  
**Matrix: Solid**

| Analyte                                | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|--|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| C6 as C6                               | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C7 as C7                               | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C8 as C8                               | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C9-C10                                 | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C11-C12                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C13-C14                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C15-C16                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C17-C18                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C19-C20                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C21-C22                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C23-C24                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C25-C28                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C29-C32                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C33-C36                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| C37-C40                                | ND               |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| <b>C41-C44</b>                         | <b>6.0</b>       |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| <b>C6-C44</b>                          | <b>22</b>        |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| <b>Diesel Range Organics [C10-C28]</b> | <b>ND</b>        |                  | 4.9           | mg/Kg |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |
| <b>Surrogate</b>                       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>n-Octacosane (Surr)</i>             | 110              |                  | 61 - 145      |       |   | 01/20/20 11:48  | 01/21/20 01:54  | 1              |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte                         | Result    | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C7 as C7                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C8 as C8                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C9-C10                          | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C11-C12                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C13-C14                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C15-C16                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C17-C18                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C19-C20                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C21-C22                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C23-C24                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C25-C28                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C29-C32                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C33-C36                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C37-C40                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| C41-C44                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| <b>C6-C44</b>                   | <b>16</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |
| Diesel Range Organics [C10-C28] | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 108       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 02:15 | 1       |

**Client Sample ID: SV-2\_5**  
**Date Collected: 01/15/20 13:05**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-21**  
**Matrix: Solid**

| Analyte                         | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C7 as C7                        | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C8 as C8                        | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C9-C10                          | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C11-C12                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C13-C14                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C15-C16                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C17-C18                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C19-C20                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C21-C22                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C23-C24                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C25-C28                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C29-C32                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C33-C36                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C37-C40                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| C41-C44                         | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| <b>C6-C44</b>                   | <b>5.4</b> |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |
| Diesel Range Organics [C10-C28] | ND         |           | 5.1 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:36 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 108       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 02:36 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C7 as C7                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C8 as C8                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C9-C10                                 | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C11-C12                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C13-C14                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C15-C16                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C17-C18                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C19-C20                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C21-C22                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C23-C24                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>C25-C28</b>                         | <b>6.6</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>C29-C32</b>                         | <b>9.9</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>C33-C36</b>                         | <b>7.2</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>C37-C40</b>                         | <b>5.6</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| C41-C44                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>C6-C44</b>                          | <b>41</b>  |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | <b>12</b>  |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 02:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 111       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 02:57 | 1       |

**Client Sample ID: SV-3\_5**  
**Date Collected: 01/15/20 13:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-25**  
**Matrix: Solid**

| Analyte                                | Result     | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--|------------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C7 as C7                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C8 as C8                               | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C9-C10                                 | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C11-C12                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C13-C14                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C15-C16                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C17-C18                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C19-C20                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C21-C22                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C23-C24                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C25-C28                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C29-C32                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C33-C36                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C37-C40                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| C41-C44                                | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| <b>C6-C44</b>                          | <b>6.3</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |
| <b>Diesel Range Organics [C10-C28]</b> | ND         |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:17 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 110       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 03:17 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                         | Result    | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C7 as C7                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C8 as C8                        | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C9-C10                          | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C11-C12                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C13-C14                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C15-C16                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C17-C18                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C19-C20                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C21-C22                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C23-C24                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C25-C28                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C29-C32                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C33-C36                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C37-C40                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| C41-C44                         | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| <b>C6-C44</b>                   | <b>10</b> |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |
| Diesel Range Organics [C10-C28] | ND        |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:38 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 105       |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 03:38 | 1       |

**Client Sample ID: SV-4\_5**  
**Date Collected: 01/15/20 14:50**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-28**  
**Matrix: Solid**

| Analyte                         | Result | Qualifier | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-------|---|----------------|----------------|---------|
| C6 as C6                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C7 as C7                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C8 as C8                        | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C9-C10                          | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C11-C12                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C13-C14                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C15-C16                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C17-C18                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C19-C20                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C21-C22                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C23-C24                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C25-C28                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C29-C32                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C33-C36                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C37-C40                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C41-C44                         | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| C6-C44                          | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |
| Diesel Range Organics [C10-C28] | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/21/20 03:59 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| <i>n</i> -Octacosane (Surr) | 74        |           | 61 - 145 | 01/20/20 11:48 | 01/21/20 03:59 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Aroclor-1016                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1221                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1232                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1242                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1248                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1254                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1260                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1262                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Aroclor-1268                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 97        |           | 24 - 168 |       |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |
| Tetrachloro-m-xylene (Surr)   | 79        |           | 25 - 145 |       |   | 01/20/20 11:24 | 01/21/20 12:04 | 1       |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Aroclor-1016                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1221                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1232                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1242                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1248                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1254                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1260                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1262                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Aroclor-1268                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 95        |           | 24 - 168 |       |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |
| Tetrachloro-m-xylene (Surr)   | 91        |           | 25 - 145 |       |   | 01/20/20 11:24 | 01/21/20 13:16 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Aroclor-1016                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1221                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1232                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1242                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1248                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1254                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1260                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1262                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Aroclor-1268                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 105       |           | 24 - 168 |       |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |
| Tetrachloro-m-xylene (Surr)   | 86        |           | 25 - 145 |       |   | 01/20/20 11:24 | 01/21/20 13:34 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: SV-1\_15**  
**Date Collected: 01/15/20 12:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-19**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Aroclor-1016                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1221                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1232                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1242                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1248                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1254                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1260                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1262                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Aroclor-1268                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 106       |           | 24 - 168 |       |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |
| Tetrachloro-m-xylene (Surr)   | 85        |           | 25 - 145 |       |   | 01/20/20 11:24 | 01/21/20 13:52 | 1       |

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte                       | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Aroclor-1016                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1221                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1232                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1242                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1248                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1254                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1260                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1262                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Aroclor-1268                  | ND        |           | 50       | ug/Kg |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 99        |           | 24 - 168 |       |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |
| Tetrachloro-m-xylene (Surr)   | 80        |           | 25 - 145 |       |   | 01/20/20 11:24 | 01/21/20 14:10 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Arsenic</b>   | <b>3.81</b>  |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Barium</b>    | <b>58.1</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Beryllium</b> | <b>0.609</b> |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| Cadmium          | ND           |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Cobalt</b>    | <b>7.15</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Chromium</b>  | <b>16.2</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Copper</b>    | <b>9.72</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| Molybdenum       | ND           | L         | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Nickel</b>    | <b>12.5</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| Antimony         | ND           |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| Selenium         | ND           | L         | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Thallium</b>  | <b>1.22</b>  |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Vanadium</b>  | <b>29.6</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Zinc</b>      | <b>30.7</b>  |           | 0.990 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |
| <b>Lead</b>      | <b>1.98</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:55 | 1       |

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte           | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver            | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Arsenic</b>    | <b>4.36</b> |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Barium</b>     | <b>19.6</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| Beryllium         | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| Cadmium           | ND          |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Cobalt</b>     | <b>4.44</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Chromium</b>   | <b>9.92</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Copper</b>     | <b>6.19</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Molybdenum</b> | <b>1.23</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 14:36 | 1       |
| <b>Nickel</b>     | <b>5.44</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| Antimony          | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| Selenium          | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| Thallium          | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Vanadium</b>   | <b>10.7</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Zinc</b>       | <b>13.9</b> |           | 1.00  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |
| <b>Lead</b>       | <b>4.27</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:08 | 1       |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte         | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver          | ND          |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Arsenic</b>  | <b>3.11</b> |           | 0.718 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Barium</b>   | <b>28.7</b> |           | 0.478 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| Beryllium       | ND          |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| Cadmium         | ND          |           | 0.478 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Cobalt</b>   | <b>4.39</b> |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Chromium</b> | <b>10.6</b> |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Copper</b>   | <b>8.93</b> |           | 0.478 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte         | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Molybdenum      | ND          |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Nickel</b>   | <b>7.03</b> |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Antimony</b> | <b>1.19</b> |           | 0.718 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| Selenium        | ND          | L         | 0.718 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| Thallium        | ND          |           | 0.718 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Vanadium</b> | <b>15.7</b> |           | 0.239 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Zinc</b>     | <b>20.5</b> |           | 0.957 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |
| <b>Lead</b>     | <b>2.60</b> |           | 0.478 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:10 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte         | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver          | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Arsenic</b>  | <b>2.06</b> |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Barium</b>   | <b>24.5</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Beryllium       | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Cadmium         | ND          |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Cobalt</b>   | <b>3.06</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Chromium</b> | <b>6.73</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Copper</b>   | <b>4.47</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Molybdenum      | ND          |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Nickel</b>   | <b>4.12</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Antimony        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Selenium        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| Thallium        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Vanadium</b> | <b>14.2</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Zinc</b>     | <b>18.9</b> |           | 1.00  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |
| <b>Lead</b>     | <b>1.51</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:12 | 1       |

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Arsenic</b>   | <b>4.88</b>  |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Barium</b>    | <b>69.6</b>  |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Beryllium</b> | <b>0.669</b> |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| Cadmium          | ND           |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Cobalt</b>    | <b>5.72</b>  |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Chromium</b>  | <b>12.0</b>  |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Copper</b>    | <b>6.92</b>  |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| Molybdenum       | ND           | L         | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Nickel</b>    | <b>7.99</b>  |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Antimony</b>  | <b>1.54</b>  |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| Selenium         | ND           | L         | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Thallium</b>  | <b>1.04</b>  |           | 0.714 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Vanadium</b>  | <b>24.4</b>  |           | 0.238 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Zinc</b>      | <b>35.9</b>  |           | 0.952 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |
| <b>Lead</b>      | <b>4.58</b>  |           | 0.476 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:14 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP)

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Arsenic</b>   | <b>3.43</b>  |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Barium</b>    | <b>25.2</b>  |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Beryllium</b> | <b>0.260</b> |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| Cadmium          | ND           |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Cobalt</b>    | <b>3.76</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Chromium</b>  | <b>8.15</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Copper</b>    | <b>4.43</b>  |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| Molybdenum       | ND           | L         | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Nickel</b>    | <b>6.12</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| Antimony         | ND           |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| Selenium         | ND           | L         | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| Thallium         | ND           |           | 0.746 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Vanadium</b>  | <b>14.9</b>  |           | 0.249 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Zinc</b>      | <b>21.5</b>  |           | 0.995 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |
| <b>Lead</b>      | <b>2.39</b>  |           | 0.498 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:25 | 1       |

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Arsenic</b>   | <b>3.86</b>  |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Barium</b>    | <b>52.0</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Beryllium</b> | <b>0.484</b> |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| Cadmium          | ND           |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Cobalt</b>    | <b>5.60</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Chromium</b>  | <b>17.1</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Copper</b>    | <b>18.0</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| Molybdenum       | ND           |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Nickel</b>    | <b>12.5</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| Antimony         | ND           |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| Selenium         | ND           |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| Thallium         | ND           |           | 0.743 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Vanadium</b>  | <b>21.3</b>  |           | 0.248 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Zinc</b>      | <b>58.4</b>  |           | 0.990 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |
| <b>Lead</b>      | <b>8.80</b>  |           | 0.495 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:27 | 1       |

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte          | Result       | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|-------|-------|---|----------------|----------------|---------|
| Silver           | ND           |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Arsenic</b>   | <b>2.48</b>  |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Barium</b>    | <b>40.8</b>  |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Beryllium</b> | <b>0.391</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| Cadmium          | ND           |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Cobalt</b>    | <b>5.25</b>  |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Chromium</b>  | <b>11.9</b>  |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Copper</b>    | <b>6.51</b>  |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |

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# Client Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SV-4\_2  
Date Collected: 01/15/20 14:40  
Date Received: 01/15/20 17:27

Lab Sample ID: 570-18195-27  
Matrix: Solid

| Analyte         | Result      | Qualifier | RL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-------|-------|---|----------------|----------------|---------|
| Molybdenum      | ND          | L         | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Nickel</b>   | <b>9.06</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| Antimony        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| Selenium        | ND          | L         | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| Thallium        | ND          |           | 0.750 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Vanadium</b> | <b>20.7</b> |           | 0.250 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Zinc</b>     | <b>38.1</b> |           | 1.00  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |
| <b>Lead</b>     | <b>3.43</b> |           | 0.500 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 10:29 | 1       |

# Client Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: SV-5\_2**  
**Date Collected: 01/15/20 07:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 18:23 | 1       |

**Client Sample ID: SV-8\_10**  
**Date Collected: 01/15/20 09:15**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0820 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:35 | 1       |

**Client Sample ID: SV-13\_15**  
**Date Collected: 01/15/20 10:30**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0820 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:37 | 1       |

**Client Sample ID: SV-9\_5**  
**Date Collected: 01/15/20 10:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0806 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:40 | 1       |

**Client Sample ID: SV-1\_2**  
**Date Collected: 01/15/20 11:55**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-16**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0820 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:42 | 1       |

**Client Sample ID: SV-2\_2**  
**Date Collected: 01/15/20 13:00**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-20**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0806 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:49 | 1       |

**Client Sample ID: SV-3\_2**  
**Date Collected: 01/15/20 13:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.0887 |           | 0.0820 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:51 | 1       |

**Client Sample ID: SV-4\_2**  
**Date Collected: 01/15/20 14:40**  
**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**  
**Matrix: Solid**

| Analyte | Result | Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:53 | 1       |

# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID    | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|------------------------|--|-----------------|------------------|-----------------|
|                  |                        | DCA<br>(71-155)                                | BFB<br>(80-120) | DBFM<br>(79-133) | TOL<br>(80-120) |
| 570-18195-1      | SV-5_2                 | 124  | 101             | 115              | 99              |
| 570-18195-2      | SV-5_5                 | 118  | 101             | 111              | 99              |
| 570-18195-7      | SV-8_10                | 118  | 104             | 107              | 101             |
| 570-18195-8      | SV-8_15                | 116  | 104             | 110              | 100             |
| 570-18195-10     | SV-13_5                | 115  | 102             | 108              | 102             |
| 570-18195-11     | SV-13_15               | 121  | 102             | 108              | 100             |
| 570-18195-12     | SV-9_2                 | 118  | 101             | 109              | 100             |
| 570-18195-13     | SV-9_5                 | 119  | 100             | 108              | 99              |
| 570-18195-16     | SV-1_2                 | 123  | 101             | 109              | 99              |
| 570-18195-17     | SV-1_5                 | 119  | 102             | 99               | 101             |
| 570-18195-20     | SV-2_2                 | 121  | 103             | 102              | 101             |
| 570-18195-21     | SV-2_5                 | 121  | 104             | 104              | 101             |
| 570-18195-24     | SV-3_2                 | 122  | 102             | 105              | 91              |
| 570-18195-25     | SV-3_5                 | 123  | 102             | 108              | 101             |
| 570-18195-27     | SV-4_2                 | 118  | 103             | 100              | 101             |
| 570-18195-28     | SV-4_5                 | 124  | 102             | 101              | 99              |
| LCS 570-44854/3  | Lab Control Sample     | 102  | 100             | 103              | 100             |
| LCS 570-45039/3  | Lab Control Sample     | 110  | 102             | 104              | 101             |
| LCSD 570-44854/4 | Lab Control Sample Dup | 101  | 99              | 104              | 101             |
| LCSD 570-45039/4 | Lab Control Sample Dup | 108  | 103             | 103              | 102             |
| MB 570-44854/6   | Method Blank           | 104  | 99              | 103              | 99              |
| MB 570-45039/6   | Method Blank           | 108  | 99              | 100              | 103             |

#### 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)

| Lab Sample ID    | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|------------------------|--|-----------------|------------------|-----------------|
|                  |                        | DCA<br>(80-129)                                | BFB<br>(77-120) | DBFM<br>(80-128) | TOL<br>(80-120) |
| 570-18195-29     | EB_20200115            | 91   | 94              | 95               | 102             |
| 570-18195-30     | TB_20200115            | 90   | 77              | 92               | 99              |
| LCS 570-45099/4  | Lab Control Sample     | 93   | 99              | 100              | 100             |
| LCSD 570-45099/5 | Lab Control Sample Dup | 93   | 99              | 99               | 99              |
| MB 570-45099/8   | Method Blank           | 91   | 97              | 91               | 101             |

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID        | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                  |
|----------------------|------------------------|--|-----------------|-----------------|-----------------|--------------------|------------------|
|                      |                        | TBP<br>(18-138)                                | FBP<br>(27-120) | 2FP<br>(25-120) | NBZ<br>(33-123) | TPHd14<br>(27-159) | PHL6<br>(26-122) |
| 570-18127-A-1-A MS   | Matrix Spike           | 56   | 58              | 60              | 62              | 82                 | 65               |
| 570-18127-A-1-B MSD  | Matrix Spike Duplicate | 54   | 65              | 66              | 68              | 85                 | 78               |
| 570-18195-1          | SV-5_2                 | 44   | 48              | 48              | 52              | 72                 | 55               |
| 570-18195-7          | SV-8_10                | 81   | 67              | 67              | 73              | 97                 | 78               |
| 570-18195-8          | SV-8_15                | 66   | 51              | 57              | 57              | 86                 | 65               |
| 570-18195-11         | SV-13_15               | 68   | 56              | 56              | 59              | 89                 | 67               |
| 570-18195-13         | SV-9_5                 | 51   | 46              | 51              | 52              | 74                 | 59               |
| 570-18195-16         | SV-1_2                 | 45   | 39              | 40              | 38              | 49                 | 45               |
| 570-18195-20         | SV-2_2                 | 53   | 33              | 45              | 36              | 56                 | 51               |
| 570-18195-24         | SV-3_2                 | 71   | 53              | 65              | 56              | 75                 | 73               |
| 570-18195-27         | SV-4_2                 | 85   | 75              | 79              | 73              | 75                 | 76               |
| 570-18460-A-10-A MS  | Matrix Spike           | 63   | 69              | 73              | 70              | 68                 | 73               |
| 570-18460-A-10-B MSD | Matrix Spike Duplicate | 58   | 64              | 69              | 63              | 64                 | 68               |
| LCS 570-45267/2-A    | Lab Control Sample     | 92   | 89              | 98              | 97              | 92                 | 104              |
| LCS 570-45782/2-A    | Lab Control Sample     | 83   | 82              | 89              | 89              | 81                 | 90               |
| LCSD 570-45267/3-A   | Lab Control Sample Dup | 88   | 85              | 90              | 95              | 90                 | 94               |
| LCSD 570-45782/3-A   | Lab Control Sample Dup | 86   | 85              | 91              | 90              | 83                 | 92               |
| MB 570-45267/1-A     | Method Blank           | 86   | 81              | 91              | 89              | 85                 | 97               |
| MB 570-45782/1-A     | Method Blank           | 91   | 91              | 95              | 94              | 90                 | 93               |

### 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

| Lab Sample ID      | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |
|--------------------|------------------|--|
|                    |                  | OTCSN1<br>(61-145)                             |
| 570-18195-1        | SV-5_2           | 92   |
| 570-18195-2        | SV-5_5           | 97   |
| 570-18195-7        | SV-8_10          | 103  |
| 570-18195-8        | SV-8_15          | 108  |
| 570-18195-10       | SV-13_5          | 105  |
| 570-18195-11       | SV-13_15         | 115  |
| 570-18195-12       | SV-9_2           | 111  |
| 570-18195-13       | SV-9_5           | 103  |
| 570-18195-16       | SV-1_2           | 110  |
| 570-18195-17       | SV-1_5           | 110  |
| 570-18195-20       | SV-2_2           | 108  |
| 570-18195-21       | SV-2_5           | 108  |
| 570-18195-24       | SV-3_2           | 111  |
| 570-18195-25       | SV-3_5           | 110  |
| 570-18195-27       | SV-4_2           | 105  |
| 570-18195-28       | SV-4_5           | 74   |
| 570-18224-B-3-A MS | Matrix Spike     | 109  |

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# Surrogate Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID       | Client Sample ID       | OTCSN1<br>(61-145) |
|---------------------|------------------------|--------------------|
| 570-18224-B-3-B MSD | Matrix Spike Duplicate | 114                |
| LCS 570-45268/2-A   | Lab Control Sample     | 115                |
| LCSD 570-45268/3-A  | Lab Control Sample Dup | 112                |
| MB 570-45268/1-A    | Method Blank           | 114                |

#### Surrogate Legend

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID       | Client Sample ID       | DCB2<br>(24-168) | TCX2<br>(25-145) |
|---------------------|------------------------|------------------|------------------|
| 570-18195-7         | SV-8_10                | 97               | 79               |
| 570-18195-11        | SV-13_15               | 95               | 91               |
| 570-18195-13        | SV-9_5                 | 105              | 86               |
| 570-18195-19        | SV-1_15                | 106              | 85               |
| 570-18195-27        | SV-4_2                 | 99               | 80               |
| 570-18332-C-2-A MS  | Matrix Spike           | 111              | 101              |
| 570-18332-C-2-B MSD | Matrix Spike Duplicate | 107              | 82               |
| LCS 570-45264/2-A   | Lab Control Sample     | 99               | 92               |
| LCSD 570-45264/3-A  | Lab Control Sample Dup | 100              | 95               |
| MB 570-45264/1-A    | Method Blank           | 34               | 34               |

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-44854/6**  
**Matrix: Solid**  
**Analysis Batch: 44854**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB Result | MB Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|-------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1,1-Trichloroethane                 | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1,2-Trichloroethane                 | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1-Dichloroethane                    | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1-Dichloroethene                    | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,1-Dichloropropene                   | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2,3-Trichlorobenzene                | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2,3-Trichloropropane                | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2,4-Trichlorobenzene                | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2,4-Trimethylbenzene                | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2-Dibromoethane                     | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2-Dichlorobenzene                   | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2-Dichloroethane                    | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,2-Dichloropropane                   | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,3,5-Trimethylbenzene                | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,3-Dichlorobenzene                   | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,3-Dichloropropane                   | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 1,4-Dichlorobenzene                   | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 2,2-Dichloropropane                   | ND        |              | 4.9  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 2-Butanone                            | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 2-Chlorotoluene                       | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 2-Hexanone                            | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 4-Chlorotoluene                       | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| 4-Methyl-2-pentanone                  | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Acetone                               | ND        |              | 49   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Benzene                               | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Bromobenzene                          | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Bromochloromethane                    | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Bromodichloromethane                  | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Bromoform                             | ND        |              | 4.9  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Bromomethane                          | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| cis-1,2-Dichloroethene                | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| cis-1,3-Dichloropropene               | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Carbon disulfide                      | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Carbon tetrachloride                  | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Chlorobenzene                         | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Chloroethane                          | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Chloroform                            | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Chloromethane                         | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Dibromochloromethane                  | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Dibromomethane                        | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Dichlorodifluoromethane               | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Di-isopropyl ether (DIPE)             | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Ethanol                               | ND        |              | 490  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Ethylbenzene                          | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |



# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-44854/6**  
**Matrix: Solid**  
**Analysis Batch: 44854**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                       | MB Result | MB Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-----------|--------------|------|-------|---|----------|----------------|---------|
| Ethyl-t-butyl ether (ETBE)    | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Isopropylbenzene              | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Methylene Chloride            | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Naphthalene                   | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| n-Butylbenzene                | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| N-Propylbenzene               | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| o-Xylene                      | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| m,p-Xylene                    | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| p-Isopropyltoluene            | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| sec-Butylbenzene              | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Styrene                       | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| trans-1,2-Dichloroethene      | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| trans-1,3-Dichloropropene     | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |              | 20   | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| tert-Butylbenzene             | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Tetrachloroethene             | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Toluene                       | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Trichloroethene               | ND        |              | 2.0  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Trichlorofluoromethane        | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Vinyl acetate                 | ND        |              | 9.8  | ug/Kg |   |          | 01/17/20 10:01 | 1       |
| Vinyl chloride                | ND        |              | 0.98 | ug/Kg |   |          | 01/17/20 10:01 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104          |              | 71 - 155 |          | 01/17/20 10:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 80 - 120 |          | 01/17/20 10:01 | 1       |
| Dibromofluoromethane (Surr)  | 103          |              | 79 - 133 |          | 01/17/20 10:01 | 1       |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |          | 01/17/20 10:01 | 1       |

**Lab Sample ID: LCS 570-44854/3**  
**Matrix: Solid**  
**Analysis Batch: 44854**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| 1,1-Dichloroethene          | 50.0        | 47.02      |               | ug/Kg |   | 94   | 71 - 125     |
| 1,2-Dibromoethane           | 50.0        | 49.18      |               | ug/Kg |   | 98   | 80 - 120     |
| 1,2-Dichlorobenzene         | 50.0        | 50.42      |               | ug/Kg |   | 101  | 80 - 120     |
| 1,2-Dichloroethane          | 50.0        | 46.38      |               | ug/Kg |   | 93   | 79 - 121     |
| Benzene                     | 50.0        | 46.78      |               | ug/Kg |   | 94   | 79 - 120     |
| Carbon tetrachloride        | 50.0        | 45.99      |               | ug/Kg |   | 92   | 58 - 142     |
| Chlorobenzene               | 50.0        | 48.77      |               | ug/Kg |   | 98   | 80 - 120     |
| Di-isopropyl ether (DIPE)   | 50.0        | 49.24      |               | ug/Kg |   | 98   | 65 - 131     |
| Ethanol                     | 500         | 491.1      | J             | ug/Kg |   | 98   | 32 - 158     |
| Ethylbenzene                | 50.0        | 49.01      |               | ug/Kg |   | 98   | 57 - 153     |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 50.68      |               | ug/Kg |   | 101  | 58 - 136     |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 51.34      |               | ug/Kg |   | 103  | 64 - 124     |
| o-Xylene                    | 50.0        | 49.70      |               | ug/Kg |   | 99   | 79 - 127     |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-44854/3**  
**Matrix: Solid**  
**Analysis Batch: 44854**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------|-------------|------------|---------------|-------|---|------|--------------|
| m,p-Xylene | 100         | 96.07      |               | ug/Kg |   | 96   | 80 - 122     |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 102           |               | 71 - 155 |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 80 - 120 |
| Dibromofluoromethane (Surr)  | 103           |               | 79 - 133 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

**Lab Sample ID: LCSD 570-44854/4**  
**Matrix: Solid**  
**Analysis Batch: 44854**

**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-Dichloroethene          | 50.0        | 48.16       |                | ug/Kg |   | 96   | 71 - 125     | 2   | 20        |
| 1,2-Dibromoethane           | 50.0        | 49.59       |                | ug/Kg |   | 99   | 80 - 120     | 1   | 20        |
| 1,2-Dichlorobenzene         | 50.0        | 51.65       |                | ug/Kg |   | 103  | 80 - 120     | 2   | 20        |
| 1,2-Dichloroethane          | 50.0        | 48.45       |                | ug/Kg |   | 97   | 79 - 121     | 4   | 20        |
| Benzene                     | 50.0        | 48.53       |                | ug/Kg |   | 97   | 79 - 120     | 4   | 20        |
| Carbon tetrachloride        | 50.0        | 48.64       |                | ug/Kg |   | 97   | 58 - 142     | 6   | 20        |
| Chlorobenzene               | 50.0        | 49.50       |                | ug/Kg |   | 99   | 80 - 120     | 1   | 20        |
| Di-isopropyl ether (DIPE)   | 50.0        | 51.74       |                | ug/Kg |   | 103  | 65 - 131     | 5   | 20        |
| Ethanol                     | 500         | 516.9       |                | ug/Kg |   | 103  | 32 - 158     | 5   | 27        |
| Ethylbenzene                | 50.0        | 48.67       |                | ug/Kg |   | 97   | 57 - 153     | 1   | 20        |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 53.43       |                | ug/Kg |   | 107  | 58 - 136     | 5   | 20        |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 54.19       |                | ug/Kg |   | 108  | 64 - 124     | 5   | 20        |
| o-Xylene                    | 50.0        | 49.78       |                | ug/Kg |   | 100  | 79 - 127     | 0   | 20        |
| m,p-Xylene                  | 100         | 96.37       |                | ug/Kg |   | 96   | 80 - 122     | 0   | 20        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101            |                | 71 - 155 |
| 4-Bromofluorobenzene (Surr)  | 99             |                | 80 - 120 |
| Dibromofluoromethane (Surr)  | 104            |                | 79 - 133 |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120 |

**Lab Sample ID: MB 570-45039/6**  
**Matrix: Solid**  
**Analysis Batch: 45039**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1,1-Trichloroethane                 | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |              | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1,2-Trichloroethane                 | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1-Dichloroethane                    | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1-Dichloroethene                    | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,1-Dichloropropene                   | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2,3-Trichlorobenzene                | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45039/6**  
**Matrix: Solid**  
**Analysis Batch: 45039**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                     | MB Result | MB Qualifier | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-----|-------|---|----------|----------------|---------|
| 1,2,3-Trichloropropane      | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2,4-Trichlorobenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2,4-Trimethylbenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND        |              | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2-Dibromoethane           | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2-Dichloroethane          | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,2-Dichloropropane         | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,3,5-Trimethylbenzene      | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,3-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,3-Dichloropropane         | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 1,4-Dichlorobenzene         | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 2,2-Dichloropropane         | ND        |              | 5.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 2-Butanone                  | ND        |              | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 2-Chlorotoluene             | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 2-Hexanone                  | ND        |              | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 4-Chlorotoluene             | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| 4-Methyl-2-pentanone        | ND        |              | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Acetone                     | ND        |              | 50  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Benzene                     | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Bromobenzene                | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Bromochloromethane          | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Bromodichloromethane        | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Bromoform                   | ND        |              | 5.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Bromomethane                | ND        |              | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| cis-1,2-Dichloroethene      | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| cis-1,3-Dichloropropene     | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Carbon disulfide            | ND        |              | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Carbon tetrachloride        | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Chlorobenzene               | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Chloroethane                | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Chloroform                  | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Chloromethane               | ND        |              | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Dibromochloromethane        | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Dibromomethane              | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Dichlorodifluoromethane     | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Di-isopropyl ether (DIPE)   | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Ethanol                     | ND        |              | 500 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Ethylbenzene                | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Ethyl-t-butyl ether (ETBE)  | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Isopropylbenzene            | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Methylene Chloride          | ND        |              | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Methyl-t-Butyl Ether (MTBE) | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Naphthalene                 | ND        |              | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| n-Butylbenzene              | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| N-Propylbenzene             | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| o-Xylene                    | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| m,p-Xylene                  | ND        |              | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| p-Isopropyltoluene          | ND        |              | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45039/6**  
**Matrix: Solid**  
**Analysis Batch: 45039**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                       | MB     | MB        | RL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-------|---|----------|----------------|---------|
|                               | Result | Qualifier |     |       |   |          |                |         |
| sec-Butylbenzene              | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Styrene                       | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| trans-1,2-Dichloroethene      | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| trans-1,3-Dichloropropene     | ND     |           | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Tert-amyl-methyl ether (TAME) | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| tert-Butyl alcohol (TBA)      | ND     |           | 20  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| tert-Butylbenzene             | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Tetrachloroethene             | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Toluene                       | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Trichloroethene               | ND     |           | 2.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Trichlorofluoromethane        | ND     |           | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Vinyl acetate                 | ND     |           | 10  | ug/Kg |   |          | 01/17/20 21:01 | 1       |
| Vinyl chloride                | ND     |           | 1.0 | ug/Kg |   |          | 01/17/20 21:01 | 1       |

| Surrogate                    | MB        | MB        | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 71 - 155 |          | 01/17/20 21:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 80 - 120 |          | 01/17/20 21:01 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 79 - 133 |          | 01/17/20 21:01 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 01/17/20 21:01 | 1       |

**Lab Sample ID: LCS 570-45039/3**  
**Matrix: Solid**  
**Analysis Batch: 45039**

**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        | 51.97      |               | ug/Kg |   | 104  | 80 - 120     |
| 1,2-Dichlorobenzene         | 50.0        | 51.48      |               | ug/Kg |   | 103  | 80 - 120     |
| 1,2-Dichloroethane          | 50.0        | 54.37      |               | ug/Kg |   | 109  | 79 - 121     |
| Benzene                     | 50.0        | 49.49      |               | ug/Kg |   | 99   | 79 - 120     |
| Carbon tetrachloride        | 50.0        | 58.32      |               | ug/Kg |   | 117  | 58 - 142     |
| Chlorobenzene               | 50.0        | 50.61      |               | ug/Kg |   | 101  | 80 - 120     |
| Di-isopropyl ether (DIPE)   | 50.0        | 56.37      |               | ug/Kg |   | 113  | 65 - 131     |
| Ethanol                     | 500         | 647.2      |               | ug/Kg |   | 129  | 32 - 158     |
| Ethylbenzene                | 50.0        | 51.22      |               | ug/Kg |   | 102  | 57 - 153     |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 55.12      |               | ug/Kg |   | 110  | 58 - 136     |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 54.20      |               | ug/Kg |   | 108  | 64 - 124     |
| o-Xylene                    | 50.0        | 52.33      |               | ug/Kg |   | 105  | 79 - 127     |
| m,p-Xylene                  | 100         | 102.4      |               | ug/Kg |   | 102  | 80 - 122     |

| Surrogate                    | LCS       | LCS       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 71 - 155 |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 80 - 120 |
| Dibromofluoromethane (Surr)  | 104       |           | 79 - 133 |
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45039/4**  
**Matrix: Solid**  
**Analysis Batch: 45039**

**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-Dichloroethene          | 50.0        | 52.74       |                | ug/Kg |   | 105  | 71 - 125     | 0   | 20        |
| 1,2-Dibromoethane           | 50.0        | 53.96       |                | ug/Kg |   | 108  | 80 - 120     | 4   | 20        |
| 1,2-Dichlorobenzene         | 50.0        | 53.34       |                | ug/Kg |   | 107  | 80 - 120     | 4   | 20        |
| 1,2-Dichloroethane          | 50.0        | 58.27       |                | ug/Kg |   | 117  | 79 - 121     | 7   | 20        |
| Benzene                     | 50.0        | 50.79       |                | ug/Kg |   | 102  | 79 - 120     | 3   | 20        |
| Carbon tetrachloride        | 50.0        | 61.52       |                | ug/Kg |   | 123  | 58 - 142     | 5   | 20        |
| Chlorobenzene               | 50.0        | 52.54       |                | ug/Kg |   | 105  | 80 - 120     | 4   | 20        |
| Di-isopropyl ether (DIPE)   | 50.0        | 54.28       |                | ug/Kg |   | 109  | 65 - 131     | 4   | 20        |
| Ethanol                     | 500         | 687.4       |                | ug/Kg |   | 137  | 32 - 158     | 6   | 27        |
| Ethylbenzene                | 50.0        | 53.22       |                | ug/Kg |   | 106  | 57 - 153     | 4   | 20        |
| Ethyl-t-butyl ether (ETBE)  | 50.0        | 55.36       |                | ug/Kg |   | 111  | 58 - 136     | 0   | 20        |
| Methyl-t-Butyl Ether (MTBE) | 50.0        | 54.62       |                | ug/Kg |   | 109  | 64 - 124     | 1   | 20        |
| o-Xylene                    | 50.0        | 55.67       |                | ug/Kg |   | 111  | 79 - 127     | 6   | 20        |
| m,p-Xylene                  | 100         | 108.7       |                | ug/Kg |   | 109  | 80 - 122     | 6   | 20        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 108            |                | 71 - 155    |
| 4-Bromofluorobenzene (Surr)  | 103            |                | 80 - 120    |
| Dibromofluoromethane (Surr)  | 103            |                | 79 - 133    |
| Toluene-d8 (Surr)            | 102            |                | 80 - 120    |

**Lab Sample ID: MB 570-45099/8**  
**Matrix: Water**  
**Analysis Batch: 45099**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB Result | MB Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-----------|--------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane             | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1,1-Trichloroethane                 | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1,2-Trichloroethane                 | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1-Dichloroethane                    | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1-Dichloroethene                    | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,1-Dichloropropene                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2,3-Trichlorobenzene                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2,3-Trichloropropane                | ND        |              | 5.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2,4-Trichlorobenzene                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2,4-Trimethylbenzene                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2-Dibromoethane                     | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2-Dichlorobenzene                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2-Dichloroethane                    | ND        |              | 0.50 | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,2-Dichloropropane                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,3,5-Trimethylbenzene                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,3-Dichlorobenzene                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,3-Dichloropropane                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 1,4-Dichlorobenzene                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 2,2-Dichloropropane                   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45099/8**  
**Matrix: Water**  
**Analysis Batch: 45099**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                       | MB Result | MB Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-----------|--------------|------|------|---|----------|----------------|---------|
| 2-Butanone                    | ND        |              | 20   | ug/L |   |          | 01/18/20 14:40 | 1       |
| 2-Chlorotoluene               | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 2-Hexanone                    | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| 4-Chlorotoluene               | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| 4-Methyl-2-pentanone          | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Acetone                       | ND        |              | 20   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Benzene                       | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Bromobenzene                  | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Bromochloromethane            | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Bromodichloromethane          | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Bromoform                     | ND        |              | 5.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Bromomethane                  | ND        |              | 50   | ug/L |   |          | 01/18/20 14:40 | 1       |
| cis-1,2-Dichloroethene        | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| cis-1,3-Dichloropropene       | ND        |              | 0.50 | ug/L |   |          | 01/18/20 14:40 | 1       |
| Carbon disulfide              | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Carbon tetrachloride          | ND        |              | 0.50 | ug/L |   |          | 01/18/20 14:40 | 1       |
| Chlorobenzene                 | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Chloroethane                  | ND        |              | 5.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Chloroform                    | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Chloromethane                 | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Dibromochloromethane          | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Dibromomethane                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Dichlorodifluoromethane       | ND        |              | 5.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Di-isopropyl ether (DIPE)     | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Ethanol                       | ND        |              | 100  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Ethylbenzene                  | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Ethyl-t-butyl ether (ETBE)    | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Isopropylbenzene              | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Methylene Chloride            | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Methyl-t-Butyl Ether (MTBE)   | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Naphthalene                   | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| n-Butylbenzene                | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| N-Propylbenzene               | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| o-Xylene                      | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| m,p-Xylene                    | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| p-Isopropyltoluene            | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| sec-Butylbenzene              | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Styrene                       | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| trans-1,2-Dichloroethene      | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| trans-1,3-Dichloropropene     | ND        |              | 0.50 | ug/L |   |          | 01/18/20 14:40 | 1       |
| Tert-amyl-methyl ether (TAME) | ND        |              | 2.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| tert-Butyl alcohol (TBA)      | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| tert-Butylbenzene             | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Tetrachloroethene             | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Toluene                       | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Trichloroethene               | ND        |              | 1.0  | ug/L |   |          | 01/18/20 14:40 | 1       |
| Trichlorofluoromethane        | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Vinyl acetate                 | ND        |              | 10   | ug/L |   |          | 01/18/20 14:40 | 1       |
| Vinyl chloride                | ND        |              | 0.50 | ug/L |   |          | 01/18/20 14:40 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91              |                 | 80 - 129 |          | 01/18/20 14:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97              |                 | 77 - 120 |          | 01/18/20 14:40 | 1       |
| Dibromofluoromethane (Surr)  | 91              |                 | 80 - 128 |          | 01/18/20 14:40 | 1       |
| Toluene-d8 (Surr)            | 101             |                 | 80 - 120 |          | 01/18/20 14:40 | 1       |

Lab Sample ID: LCS 570-45099/4  
 Matrix: Water  
 Analysis Batch: 45099

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|-----------------|
| 1,1-Dichloroethene          | 50.0           | 52.15         |                  | ug/L |   | 104  | 64 - 136        |
| 1,2-Dibromoethane           | 50.0           | 50.07         |                  | ug/L |   | 100  | 80 - 120        |
| 1,2-Dichlorobenzene         | 50.0           | 50.32         |                  | ug/L |   | 101  | 80 - 120        |
| 1,2-Dichloroethane          | 50.0           | 48.22         |                  | ug/L |   | 96   | 75 - 123        |
| Benzene                     | 50.0           | 53.58         |                  | ug/L |   | 107  | 78 - 120        |
| Carbon tetrachloride        | 50.0           | 53.21         |                  | ug/L |   | 106  | 67 - 139        |
| Chlorobenzene               | 50.0           | 52.00         |                  | ug/L |   | 104  | 80 - 120        |
| Di-isopropyl ether (DIPE)   | 50.0           | 49.48         |                  | ug/L |   | 99   | 72 - 132        |
| Ethanol                     | 500            | 520.4         |                  | ug/L |   | 104  | 56 - 150        |
| Ethylbenzene                | 50.0           | 50.93         |                  | ug/L |   | 102  | 80 - 120        |
| Ethyl-t-butyl ether (ETBE)  | 50.0           | 48.63         |                  | ug/L |   | 97   | 74 - 122        |
| Methyl-t-Butyl Ether (MTBE) | 50.0           | 48.91         |                  | ug/L |   | 98   | 77 - 120        |
| o-Xylene                    | 50.0           | 52.47         |                  | ug/L |   | 105  | 80 - 125        |
| m,p-Xylene                  | 100            | 103.9         |                  | ug/L |   | 104  | 80 - 125        |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 93               |                  | 80 - 129 |
| 4-Bromofluorobenzene (Surr)  | 99               |                  | 77 - 120 |
| Dibromofluoromethane (Surr)  | 100              |                  | 80 - 128 |
| Toluene-d8 (Surr)            | 100              |                  | 80 - 120 |

Lab Sample ID: LCSD 570-45099/5  
 Matrix: Water  
 Analysis Batch: 45099

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits | RPD | RPD<br>Limit |
|-----------------------------|----------------|----------------|-------------------|------|---|------|-----------------|-----|--------------|
| 1,1-Dichloroethene          | 50.0           | 50.18          |                   | ug/L |   | 100  | 64 - 136        | 4   | 30           |
| 1,2-Dibromoethane           | 50.0           | 52.87          |                   | ug/L |   | 106  | 80 - 120        | 5   | 30           |
| 1,2-Dichlorobenzene         | 50.0           | 50.74          |                   | ug/L |   | 101  | 80 - 120        | 1   | 20           |
| 1,2-Dichloroethane          | 50.0           | 47.23          |                   | ug/L |   | 94   | 75 - 123        | 2   | 24           |
| Benzene                     | 50.0           | 51.68          |                   | ug/L |   | 103  | 78 - 120        | 4   | 21           |
| Carbon tetrachloride        | 50.0           | 50.95          |                   | ug/L |   | 102  | 67 - 139        | 4   | 30           |
| Chlorobenzene               | 50.0           | 50.86          |                   | ug/L |   | 102  | 80 - 120        | 2   | 20           |
| Di-isopropyl ether (DIPE)   | 50.0           | 48.93          |                   | ug/L |   | 98   | 72 - 132        | 1   | 29           |
| Ethanol                     | 500            | 498.5          |                   | ug/L |   | 100  | 56 - 150        | 4   | 30           |
| Ethylbenzene                | 50.0           | 51.02          |                   | ug/L |   | 102  | 80 - 120        | 0   | 20           |
| Ethyl-t-butyl ether (ETBE)  | 50.0           | 48.82          |                   | ug/L |   | 98   | 74 - 122        | 0   | 27           |
| Methyl-t-Butyl Ether (MTBE) | 50.0           | 48.98          |                   | ug/L |   | 98   | 77 - 120        | 0   | 24           |
| o-Xylene                    | 50.0           | 51.78          |                   | ug/L |   | 104  | 80 - 125        | 1   | 20           |
| m,p-Xylene                  | 100            | 103.3          |                   | ug/L |   | 103  | 80 - 125        | 1   | 30           |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45099/5**  
**Matrix: Water**  
**Analysis Batch: 45099**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

| Surrogate                    | LCS D %Recovery | LCS D Qualifier | Limits   |
|------------------------------|-----------------|-----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 93              |                 | 80 - 129 |
| 4-Bromofluorobenzene (Surr)  | 99              |                 | 77 - 120 |
| Dibromofluoromethane (Surr)  | 99              |                 | 80 - 128 |
| Toluene-d8 (Surr)            | 99              |                 | 80 - 120 |

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-45267/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45505**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45267**

| Analyte                     | MB Result | MB Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| 1,2,4-Trichlorobenzene      | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 1,2-Dichlorobenzene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 1,3-Dichlorobenzene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 1,4-Dichlorobenzene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 1-Methylnaphthalene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4,5-Trichlorophenol       | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4,6-Trichlorophenol       | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4-Dichlorophenol          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4-Dimethylphenol          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4-Dinitrophenol           | ND        |              | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,4-Dinitrotoluene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,6-Dichlorophenol          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2,6-Dinitrotoluene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Chloronaphthalene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Chlorophenol              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Methylnaphthalene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Methylphenol              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Nitroaniline              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Nitrophenol               | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 3,3'-Dichlorobenzidine      | ND        |              | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 3 & 4 Methylphenol          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 3-Nitroaniline              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND        |              | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Bromophenyl phenyl ether  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Chloro-3-methylphenol     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Chloroaniline             | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Chlorophenyl phenyl ether | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Nitroaniline              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 4-Nitrophenol               | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Acenaphthene                | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Acenaphthylene              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Aniline                     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Anthracene                  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Azobenzene                  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzidine                   | ND        |              | 5.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzo[a]anthracene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzo[a]pyrene              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45267/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45505**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45267**

| Analyte                       | MB Result | MB Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| Benzo[b]fluoranthene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzo[g,h,i]perylene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzo[k]fluoranthene          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzoic acid                  | ND        |              | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Benzyl alcohol                | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Bis(2-chloroethoxy)methane    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Bis(2-chloroethyl)ether       | ND        |              | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| bis (2-Chloroisopropyl) ether | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Butyl benzyl phthalate        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Chrysene                      | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Dibenz(a,h)anthracene         | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Dibenzofuran                  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Diethyl phthalate             | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Dimethyl phthalate            | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Di-n-butyl phthalate          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Di-n-octyl phthalate          | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Fluoranthene                  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Fluorene                      | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Hexachloro-1,3-butadiene      | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Hexachlorobenzene             | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Hexachlorocyclopentadiene     | ND        |              | 1.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Hexachloroethane              | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Isophorone                    | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Naphthalene                   | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Nitrobenzene                  | ND        |              | 2.0  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| N-Nitrosodimethylamine        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| N-Nitrosodi-n-propylamine     | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| N-Nitrosodiphenylamine        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Pentachlorophenol             | ND        |              | 2.5  | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Phenanthrene                  | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Phenol                        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Pyrene                        | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Pyridine                      | ND        |              | 0.50 | mg/Kg |   | 01/20/20 11:40 | 01/21/20 22:30 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 86           |              | 18 - 138 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Fluorobiphenyl (Surr)     | 81           |              | 27 - 120 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| 2-Fluorophenol (Surr)       | 91           |              | 25 - 120 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Nitrobenzene-d5 (Surr)      | 89           |              | 33 - 123 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| p-Terphenyl-d14 (Surr)      | 85           |              | 27 - 159 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |
| Phenol-d6 (Surr)            | 97           |              | 26 - 122 | 01/20/20 11:40 | 01/21/20 22:30 | 1       |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-45267/2-A**

**Matrix: Solid**

**Analysis Batch: 45505**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 45267**

| Analyte                   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec.    |  |
|---------------------------|-------------|------------|---------------|-------|---|------|----------|--|
|                           |             |            |               |       |   |      | Limits   |  |
| 1,2,4-Trichlorobenzene    | 10.0        | 8.297      |               | mg/Kg |   | 83   | 45 - 129 |  |
| 1,4-Dichlorobenzene       | 10.0        | 8.752      |               | mg/Kg |   | 88   | 42 - 132 |  |
| 2,4-Dinitrotoluene        | 10.0        | 9.651      |               | mg/Kg |   | 97   | 51 - 129 |  |
| 2-Chlorophenol            | 10.0        | 9.707      |               | mg/Kg |   | 97   | 58 - 124 |  |
| 4-Chloro-3-methylphenol   | 10.0        | 9.754      |               | mg/Kg |   | 98   | 55 - 151 |  |
| 4-Nitrophenol             | 10.0        | 11.26      |               | mg/Kg |   | 113  | 24 - 126 |  |
| Acenaphthene              | 10.0        | 9.146      |               | mg/Kg |   | 91   | 51 - 123 |  |
| Acenaphthylene            | 10.0        | 10.40      |               | mg/Kg |   | 104  | 52 - 120 |  |
| Butyl benzyl phthalate    | 10.0        | 10.30      |               | mg/Kg |   | 103  | 43 - 139 |  |
| Dimethyl phthalate        | 10.0        | 9.647      |               | mg/Kg |   | 96   | 51 - 123 |  |
| Fluorene                  | 10.0        | 9.482      |               | mg/Kg |   | 95   | 54 - 126 |  |
| Naphthalene               | 10.0        | 9.066      |               | mg/Kg |   | 91   | 32 - 146 |  |
| N-Nitrosodi-n-propylamine | 10.0        | 11.42      |               | mg/Kg |   | 114  | 40 - 136 |  |
| Pentachlorophenol         | 10.0        | 8.125      |               | mg/Kg |   | 81   | 23 - 131 |  |
| Phenol                    | 10.0        | 10.38      |               | mg/Kg |   | 104  | 40 - 130 |  |
| Pyrene                    | 10.0        | 7.318      |               | mg/Kg |   | 73   | 47 - 143 |  |

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 92        |           | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 89        |           | 27 - 120 |
| 2-Fluorophenol (Surr)       | 98        |           | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 97        |           | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 92        |           | 27 - 159 |
| Phenol-d6 (Surr)            | 104       |           | 26 - 122 |

**Lab Sample ID: LCSD 570-45267/3-A**

**Matrix: Solid**

**Analysis Batch: 45505**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 45267**

| Analyte                   | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec.    |   | RPD |       |
|---------------------------|-------------|-------------|----------------|-------|---|------|----------|---|-----|-------|
|                           |             |             |                |       |   |      | Limits   |   | RPD | Limit |
| 1,2,4-Trichlorobenzene    | 10.0        | 8.236       |                | mg/Kg |   | 82   | 45 - 129 | 1 | 27  |       |
| 1,4-Dichlorobenzene       | 10.0        | 8.638       |                | mg/Kg |   | 86   | 42 - 132 | 1 | 30  |       |
| 2,4-Dinitrotoluene        | 10.0        | 9.481       |                | mg/Kg |   | 95   | 51 - 129 | 2 | 28  |       |
| 2-Chlorophenol            | 10.0        | 9.162       |                | mg/Kg |   | 92   | 58 - 124 | 6 | 20  |       |
| 4-Chloro-3-methylphenol   | 10.0        | 9.678       |                | mg/Kg |   | 97   | 55 - 151 | 1 | 20  |       |
| 4-Nitrophenol             | 10.0        | 10.52       |                | mg/Kg |   | 105  | 24 - 126 | 7 | 27  |       |
| Acenaphthene              | 10.0        | 8.962       |                | mg/Kg |   | 90   | 51 - 123 | 2 | 26  |       |
| Acenaphthylene            | 10.0        | 10.04       |                | mg/Kg |   | 100  | 52 - 120 | 3 | 28  |       |
| Butyl benzyl phthalate    | 10.0        | 9.881       |                | mg/Kg |   | 99   | 43 - 139 | 4 | 29  |       |
| Dimethyl phthalate        | 10.0        | 9.140       |                | mg/Kg |   | 91   | 51 - 123 | 5 | 27  |       |
| Fluorene                  | 10.0        | 9.203       |                | mg/Kg |   | 92   | 54 - 126 | 3 | 27  |       |
| Naphthalene               | 10.0        | 8.956       |                | mg/Kg |   | 90   | 32 - 146 | 1 | 20  |       |
| N-Nitrosodi-n-propylamine | 10.0        | 11.18       |                | mg/Kg |   | 112  | 40 - 136 | 2 | 29  |       |
| Pentachlorophenol         | 10.0        | 7.404       |                | mg/Kg |   | 74   | 23 - 131 | 9 | 22  |       |
| Phenol                    | 10.0        | 9.593       |                | mg/Kg |   | 96   | 40 - 130 | 8 | 20  |       |
| Pyrene                    | 10.0        | 7.709       |                | mg/Kg |   | 77   | 47 - 143 | 5 | 20  |       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45267/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45505**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45267**

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 88        |           | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 85        |           | 27 - 120 |
| 2-Fluorophenol (Surr)       | 90        |           | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 95        |           | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 90        |           | 27 - 159 |
| Phenol-d6 (Surr)            | 94        |           | 26 - 122 |

**Lab Sample ID: 570-18127-A-1-A MS**  
**Matrix: Solid**  
**Analysis Batch: 45505**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45267**

| Analyte                   | Sample Result | Sample Qualifier | Spike Added | MS     |           | Unit  | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|--------|-----------|-------|---|------|--------------|
|                           |               |                  |             | Result | Qualifier |       |   |      |              |
| 1,2,4-Trichlorobenzene    | ND            | F1               | 10.0        | 5.432  | F1        | mg/Kg |   | 54   | 56 - 120     |
| 1,4-Dichlorobenzene       | ND            |                  | 10.0        | 5.705  |           | mg/Kg |   | 57   | 43 - 120     |
| 2,4-Dinitrotoluene        | ND            |                  | 10.0        | 8.032  |           | mg/Kg |   | 80   | 28 - 120     |
| 2-Chlorophenol            | ND            |                  | 10.0        | 6.221  |           | mg/Kg |   | 62   | 53 - 120     |
| 4-Chloro-3-methylphenol   | ND            |                  | 10.0        | 7.998  |           | mg/Kg |   | 80   | 32 - 120     |
| 4-Nitrophenol             | ND            |                  | 10.0        | 7.966  |           | mg/Kg |   | 80   | 14 - 128     |
| Acenaphthene              | ND            |                  | 10.0        | 6.566  |           | mg/Kg |   | 66   | 34 - 148     |
| Acenaphthylene            | ND            |                  | 10.0        | 7.287  |           | mg/Kg |   | 73   | 53 - 120     |
| Butyl benzyl phthalate    | ND            |                  | 10.0        | 9.583  |           | mg/Kg |   | 96   | 15 - 189     |
| Dimethyl phthalate        | ND            |                  | 10.0        | 7.129  |           | mg/Kg |   | 71   | 44 - 122     |
| Fluorene                  | ND            |                  | 10.0        | 7.415  |           | mg/Kg |   | 74   | 12 - 186     |
| Naphthalene               | ND            |                  | 10.0        | 5.985  |           | mg/Kg |   | 60   | 20 - 140     |
| N-Nitrosodi-n-propylamine | ND            |                  | 10.0        | 7.356  |           | mg/Kg |   | 73   | 38 - 140     |
| Pentachlorophenol         | ND            |                  | 10.0        | ND     |           | mg/Kg |   | 10   | 10 - 124     |
| Phenol                    | ND            |                  | 10.0        | 6.710  |           | mg/Kg |   | 67   | 22 - 124     |
| Pyrene                    | ND            |                  | 10.0        | 7.125  |           | mg/Kg |   | 71   | 31 - 169     |

| Surrogate                   | MS        |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 56        |           | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 58        |           | 27 - 120 |
| 2-Fluorophenol (Surr)       | 60        |           | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 62        |           | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 82        |           | 27 - 159 |
| Phenol-d6 (Surr)            | 65        |           | 26 - 122 |

**Lab Sample ID: 570-18127-A-1-B MSD**  
**Matrix: Solid**  
**Analysis Batch: 45505**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45267**

| Analyte                 | Sample Result | Sample Qualifier | Spike Added | MSD    |           | Unit  | D | %Rec | %Rec. Limits | RPD |       |
|-------------------------|---------------|------------------|-------------|--------|-----------|-------|---|------|--------------|-----|-------|
|                         |               |                  |             | Result | Qualifier |       |   |      |              | RPD | Limit |
| 1,2,4-Trichlorobenzene  | ND            | F1               | 10.0        | 6.190  |           | mg/Kg |   | 62   | 56 - 120     | 13  | 20    |
| 1,4-Dichlorobenzene     | ND            |                  | 10.0        | 6.542  |           | mg/Kg |   | 65   | 43 - 120     | 14  | 26    |
| 2,4-Dinitrotoluene      | ND            |                  | 10.0        | 8.575  |           | mg/Kg |   | 85   | 28 - 120     | 7   | 20    |
| 2-Chlorophenol          | ND            |                  | 10.0        | 7.342  |           | mg/Kg |   | 73   | 53 - 120     | 17  | 20    |
| 4-Chloro-3-methylphenol | ND            |                  | 10.0        | 8.929  |           | mg/Kg |   | 89   | 32 - 120     | 11  | 20    |
| 4-Nitrophenol           | ND            |                  | 10.0        | 8.581  |           | mg/Kg |   | 85   | 14 - 128     | 7   | 59    |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 570-18127-A-1-B MSD**

**Matrix: Solid**

**Analysis Batch: 45505**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 45267**

| Analyte                   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | %Rec.    | RPD | RPD |
|---------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-----|
|                           | Result | Qualifier | Added | Result | Qualifier |       |   |      | Limits   |     |     |
| Acenaphthene              | ND     |           | 10.0  | 7.301  |           | mg/Kg |   | 73   | 34 - 148 | 11  | 20  |
| Acenaphthylene            | ND     |           | 10.0  | 8.079  |           | mg/Kg |   | 80   | 53 - 120 | 10  | 20  |
| Butyl benzyl phthalate    | ND     |           | 10.0  | 10.15  |           | mg/Kg |   | 101  | 15 - 189 | 6   | 20  |
| Dimethyl phthalate        | ND     |           | 10.0  | 8.048  |           | mg/Kg |   | 80   | 44 - 122 | 12  | 20  |
| Fluorene                  | ND     |           | 10.0  | 8.131  |           | mg/Kg |   | 81   | 12 - 186 | 9   | 20  |
| Naphthalene               | ND     |           | 10.0  | 6.871  |           | mg/Kg |   | 68   | 20 - 140 | 14  | 20  |
| N-Nitrosodi-n-propylamine | ND     |           | 10.0  | 8.823  |           | mg/Kg |   | 88   | 38 - 140 | 18  | 20  |
| Pentachlorophenol         | ND     |           | 10.0  | ND     |           | mg/Kg |   | 11   | 10 - 124 | 17  | 20  |
| Phenol                    | ND     |           | 10.0  | 8.085  |           | mg/Kg |   | 81   | 22 - 124 | 19  | 20  |
| Pyrene                    | ND     |           | 10.0  | 7.525  |           | mg/Kg |   | 75   | 31 - 169 | 5   | 20  |

| Surrogate                   | MSD       | MSD       | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 54        |           | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 65        |           | 27 - 120 |
| 2-Fluorophenol (Surr)       | 66        |           | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 68        |           | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 85        |           | 27 - 159 |
| Phenol-d6 (Surr)            | 78        |           | 26 - 122 |

**Lab Sample ID: MB 570-45782/1-A**

**Matrix: Solid**

**Analysis Batch: 46128**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 45782**

| Analyte                    | MB     | MB        | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
|                            | Result | Qualifier |      |       |   |                |                |         |
| 1,2,4-Trichlorobenzene     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 1,2-Dichlorobenzene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 1,3-Dichlorobenzene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 1,4-Dichlorobenzene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 1-Methylnaphthalene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4,5-Trichlorophenol      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4,6-Trichlorophenol      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4-Dichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4-Dimethylphenol         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4-Dinitrophenol          | ND     |           | 2.0  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,4-Dinitrotoluene         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,6-Dichlorophenol         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2,6-Dinitrotoluene         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Chloronaphthalene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Chlorophenol             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Methylnaphthalene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Methylphenol             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Nitroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Nitrophenol              | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 3,3'-Dichlorobenzidine     | ND     |           | 2.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 3 & 4 Methylphenol         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 3-Nitroaniline             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4,6-Dinitro-2-methylphenol | ND     |           | 2.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4-Bromophenyl phenyl ether | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45782/1-A**  
**Matrix: Solid**  
**Analysis Batch: 46128**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45782**

| Analyte                       | MB     | MB        | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
|                               | Result | Qualifier |      |       |   |                |                |         |
| 4-Chloro-3-methylphenol       | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4-Chloroaniline               | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4-Chlorophenyl phenyl ether   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4-Nitroaniline                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 4-Nitrophenol                 | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Acenaphthene                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Acenaphthylene                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Aniline                       | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Anthracene                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Azobenzene                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzidine                     | ND     |           | 5.0  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzo[a]anthracene            | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzo[a]pyrene                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzo[b]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzo[g,h,i]perylene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzo[k]fluoranthene          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzoic acid                  | ND     |           | 2.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Benzyl alcohol                | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Bis(2-chloroethoxy)methane    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Bis(2-chloroethyl)ether       | ND     |           | 2.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| bis (2-Chloroisopropyl) ether | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Butyl benzyl phthalate        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Chrysene                      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Dibenz(a,h)anthracene         | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Dibenzofuran                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Diethyl phthalate             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Dimethyl phthalate            | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Di-n-butyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Di-n-octyl phthalate          | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Fluoranthene                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Fluorene                      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Hexachloro-1,3-butadiene      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Hexachlorobenzene             | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Hexachlorocyclopentadiene     | ND     |           | 1.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Hexachloroethane              | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Indeno[1,2,3-cd]pyrene        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Isophorone                    | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Naphthalene                   | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Nitrobenzene                  | ND     |           | 2.0  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| N-Nitrosodimethylamine        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| N-Nitrosodi-n-propylamine     | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| N-Nitrosodiphenylamine        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Pentachlorophenol             | ND     |           | 2.5  | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Phenanthrene                  | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Phenol                        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Pyrene                        | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Pyridine                      | ND     |           | 0.50 | mg/Kg |   | 01/22/20 12:13 | 01/23/20 17:29 | 1       |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-45782/1-A**  
**Matrix: Solid**  
**Analysis Batch: 46128**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45782**

| Surrogate                   | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                             | %Recovery | Qualifier |          |                |                |         |
| 2,4,6-Tribromophenol (Surr) | 91        |           | 18 - 138 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Fluorobiphenyl (Surr)     | 91        |           | 27 - 120 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| 2-Fluorophenol (Surr)       | 95        |           | 25 - 120 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Nitrobenzene-d5 (Surr)      | 94        |           | 33 - 123 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| p-Terphenyl-d14 (Surr)      | 90        |           | 27 - 159 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |
| Phenol-d6 (Surr)            | 93        |           | 26 - 122 | 01/22/20 12:13 | 01/23/20 17:29 | 1       |

**Lab Sample ID: LCS 570-45782/2-A**  
**Matrix: Solid**  
**Analysis Batch: 46128**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45782**

| Analyte                   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec.    |     |
|---------------------------|-------------|------------|---------------|-------|---|------|----------|-----|
|                           |             |            |               |       |   |      | Limits   | RPD |
| 1,2,4-Trichlorobenzene    | 10.0        | 8.517      |               | mg/Kg |   | 85   | 45 - 129 |     |
| 1,4-Dichlorobenzene       | 10.0        | 8.317      |               | mg/Kg |   | 83   | 42 - 132 |     |
| 2,4-Dinitrotoluene        | 10.0        | 8.676      |               | mg/Kg |   | 87   | 51 - 129 |     |
| 2-Chlorophenol            | 10.0        | 9.198      |               | mg/Kg |   | 92   | 58 - 124 |     |
| 4-Chloro-3-methylphenol   | 10.0        | 8.573      |               | mg/Kg |   | 86   | 55 - 151 |     |
| 4-Nitrophenol             | 10.0        | 9.222      |               | mg/Kg |   | 92   | 24 - 126 |     |
| Acenaphthene              | 10.0        | 8.265      |               | mg/Kg |   | 83   | 51 - 123 |     |
| Acenaphthylene            | 10.0        | 9.288      |               | mg/Kg |   | 93   | 52 - 120 |     |
| Butyl benzyl phthalate    | 10.0        | 8.677      |               | mg/Kg |   | 87   | 43 - 139 |     |
| Dimethyl phthalate        | 10.0        | 8.868      |               | mg/Kg |   | 89   | 51 - 123 |     |
| Fluorene                  | 10.0        | 8.401      |               | mg/Kg |   | 84   | 54 - 126 |     |
| Naphthalene               | 10.0        | 8.706      |               | mg/Kg |   | 87   | 32 - 146 |     |
| N-Nitrosodi-n-propylamine | 10.0        | 9.679      |               | mg/Kg |   | 97   | 40 - 136 |     |
| Pentachlorophenol         | 10.0        | 7.024      |               | mg/Kg |   | 70   | 23 - 131 |     |
| Phenol                    | 10.0        | 9.060      |               | mg/Kg |   | 91   | 40 - 130 |     |
| Pyrene                    | 10.0        | 7.010      |               | mg/Kg |   | 70   | 47 - 143 |     |

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 2,4,6-Tribromophenol (Surr) | 83        |           | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 82        |           | 27 - 120 |
| 2-Fluorophenol (Surr)       | 89        |           | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 89        |           | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 81        |           | 27 - 159 |
| Phenol-d6 (Surr)            | 90        |           | 26 - 122 |

**Lab Sample ID: LCSD 570-45782/3-A**  
**Matrix: Solid**  
**Analysis Batch: 46128**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45782**

| Analyte                 | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec.    |     | RPD |       |
|-------------------------|-------------|-------------|----------------|-------|---|------|----------|-----|-----|-------|
|                         |             |             |                |       |   |      | Limits   | RPD | RPD | Limit |
| 1,2,4-Trichlorobenzene  | 10.0        | 8.801       |                | mg/Kg |   | 88   | 45 - 129 | 3   | 27  |       |
| 1,4-Dichlorobenzene     | 10.0        | 8.543       |                | mg/Kg |   | 85   | 42 - 132 | 3   | 30  |       |
| 2,4-Dinitrotoluene      | 10.0        | 8.746       |                | mg/Kg |   | 87   | 51 - 129 | 1   | 28  |       |
| 2-Chlorophenol          | 10.0        | 9.272       |                | mg/Kg |   | 93   | 58 - 124 | 1   | 20  |       |
| 4-Chloro-3-methylphenol | 10.0        | 8.767       |                | mg/Kg |   | 88   | 55 - 151 | 2   | 20  |       |
| 4-Nitrophenol           | 10.0        | 9.138       |                | mg/Kg |   | 91   | 24 - 126 | 1   | 27  |       |

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# QC Sample Results

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-45782/3-A**

**Matrix: Solid**

**Analysis Batch: 46128**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 45782**

| Analyte                   | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Acenaphthene              | 10.0        | 8.528       |                | mg/Kg |   | 85   | 51 - 123     | 3   | 26        |
| Acenaphthylene            | 10.0        | 9.552       |                | mg/Kg |   | 96   | 52 - 120     | 3   | 28        |
| Butyl benzyl phthalate    | 10.0        | 8.968       |                | mg/Kg |   | 90   | 43 - 139     | 3   | 29        |
| Dimethyl phthalate        | 10.0        | 9.109       |                | mg/Kg |   | 91   | 51 - 123     | 3   | 27        |
| Fluorene                  | 10.0        | 8.656       |                | mg/Kg |   | 87   | 54 - 126     | 3   | 27        |
| Naphthalene               | 10.0        | 8.939       |                | mg/Kg |   | 89   | 32 - 146     | 3   | 20        |
| N-Nitrosodi-n-propylamine | 10.0        | 9.691       |                | mg/Kg |   | 97   | 40 - 136     | 0   | 29        |
| Pentachlorophenol         | 10.0        | 7.337       |                | mg/Kg |   | 73   | 23 - 131     | 4   | 22        |
| Phenol                    | 10.0        | 9.312       |                | mg/Kg |   | 93   | 40 - 130     | 3   | 20        |
| Pyrene                    | 10.0        | 7.392       |                | mg/Kg |   | 74   | 47 - 143     | 5   | 20        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|-----------------------------|----------------|----------------|-------------|
| 2,4,6-Tribromophenol (Surr) | 86             |                | 18 - 138    |
| 2-Fluorobiphenyl (Surr)     | 85             |                | 27 - 120    |
| 2-Fluorophenol (Surr)       | 91             |                | 25 - 120    |
| Nitrobenzene-d5 (Surr)      | 90             |                | 33 - 123    |
| p-Terphenyl-d14 (Surr)      | 83             |                | 27 - 159    |
| Phenol-d6 (Surr)            | 92             |                | 26 - 122    |

**Lab Sample ID: 570-18460-A-10-A MS**

**Matrix: Solid**

**Analysis Batch: 46128**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 45782**

| Analyte                   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| 1,2,4-Trichlorobenzene    | ND            |                  | 10.0        | 6.760     |              | mg/Kg |   | 67   | 56 - 120     |
| 1,4-Dichlorobenzene       | ND            |                  | 10.0        | 6.373     |              | mg/Kg |   | 64   | 43 - 120     |
| 2,4-Dinitrotoluene        | ND            |                  | 10.0        | 7.080     |              | mg/Kg |   | 71   | 28 - 120     |
| 2-Chlorophenol            | ND            |                  | 10.0        | 7.318     |              | mg/Kg |   | 73   | 53 - 120     |
| 4-Chloro-3-methylphenol   | ND            |                  | 10.0        | 7.324     |              | mg/Kg |   | 73   | 32 - 120     |
| 4-Nitrophenol             | ND            |                  | 10.0        | 7.909     |              | mg/Kg |   | 79   | 14 - 128     |
| Acenaphthene              | ND            |                  | 10.0        | 6.992     |              | mg/Kg |   | 70   | 34 - 148     |
| Acenaphthylene            | ND            |                  | 10.0        | 7.903     |              | mg/Kg |   | 79   | 53 - 120     |
| Butyl benzyl phthalate    | ND            |                  | 10.0        | 7.234     |              | mg/Kg |   | 72   | 15 - 189     |
| Dimethyl phthalate        | ND            |                  | 10.0        | 7.374     |              | mg/Kg |   | 74   | 44 - 122     |
| Fluorene                  | ND            |                  | 10.0        | 7.248     |              | mg/Kg |   | 72   | 12 - 186     |
| Naphthalene               | ND            |                  | 10.0        | 6.932     |              | mg/Kg |   | 69   | 20 - 140     |
| N-Nitrosodi-n-propylamine | ND            |                  | 10.0        | 7.221     |              | mg/Kg |   | 72   | 38 - 140     |
| Pentachlorophenol         | ND            |                  | 10.0        | 5.736     |              | mg/Kg |   | 57   | 10 - 124     |
| Phenol                    | ND            |                  | 10.0        | 7.376     |              | mg/Kg |   | 74   | 22 - 124     |
| Pyrene                    | ND            |                  | 10.0        | 6.024     |              | mg/Kg |   | 60   | 31 - 169     |

| Surrogate                   | MS %Recovery | MS Qualifier | MS Limits |
|-----------------------------|--------------|--------------|-----------|
| 2,4,6-Tribromophenol (Surr) | 63           |              | 18 - 138  |
| 2-Fluorobiphenyl (Surr)     | 69           |              | 27 - 120  |
| 2-Fluorophenol (Surr)       | 73           |              | 25 - 120  |
| Nitrobenzene-d5 (Surr)      | 70           |              | 33 - 123  |
| p-Terphenyl-d14 (Surr)      | 68           |              | 27 - 159  |
| Phenol-d6 (Surr)            | 73           |              | 26 - 122  |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: 570-18460-A-10-B MSD

Matrix: Solid

Analysis Batch: 46128

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45782

| Analyte                   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | %Rec.    | RPD | Limit |
|---------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
|                           | Result | Qualifier | Added | Result | Qualifier |       |   |      | Limits   |     |       |
| 1,2,4-Trichlorobenzene    | ND     |           | 9.98  | 6.220  |           | mg/Kg |   | 62   | 56 - 120 | 8   | 20    |
| 1,4-Dichlorobenzene       | ND     |           | 9.98  | 6.019  |           | mg/Kg |   | 60   | 43 - 120 | 6   | 26    |
| 2,4-Dinitrotoluene        | ND     |           | 9.98  | 6.835  |           | mg/Kg |   | 69   | 28 - 120 | 4   | 20    |
| 2-Chlorophenol            | ND     |           | 9.98  | 6.983  |           | mg/Kg |   | 70   | 53 - 120 | 5   | 20    |
| 4-Chloro-3-methylphenol   | ND     |           | 9.98  | 6.933  |           | mg/Kg |   | 70   | 32 - 120 | 5   | 20    |
| 4-Nitrophenol             | ND     |           | 9.98  | 7.297  |           | mg/Kg |   | 73   | 14 - 128 | 8   | 59    |
| Acenaphthene              | ND     |           | 9.98  | 6.526  |           | mg/Kg |   | 65   | 34 - 148 | 7   | 20    |
| Acenaphthylene            | ND     |           | 9.98  | 7.384  |           | mg/Kg |   | 74   | 53 - 120 | 7   | 20    |
| Butyl benzyl phthalate    | ND     |           | 9.98  | 6.951  |           | mg/Kg |   | 70   | 15 - 189 | 4   | 20    |
| Dimethyl phthalate        | ND     |           | 9.98  | 7.000  |           | mg/Kg |   | 70   | 44 - 122 | 5   | 20    |
| Fluorene                  | ND     |           | 9.98  | 6.853  |           | mg/Kg |   | 69   | 12 - 186 | 6   | 20    |
| Naphthalene               | ND     |           | 9.98  | 6.418  |           | mg/Kg |   | 64   | 20 - 140 | 8   | 20    |
| N-Nitrosodi-n-propylamine | ND     |           | 9.98  | 6.903  |           | mg/Kg |   | 69   | 38 - 140 | 5   | 20    |
| Pentachlorophenol         | ND     |           | 9.98  | 5.221  |           | mg/Kg |   | 52   | 10 - 124 | 9   | 20    |
| Phenol                    | ND     |           | 9.98  | 7.022  |           | mg/Kg |   | 70   | 22 - 124 | 5   | 20    |
| Pyrene                    | ND     |           | 9.98  | 5.767  |           | mg/Kg |   | 58   | 31 - 169 | 4   | 20    |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 58            |               | 18 - 138 |
| 2-Fluorobiphenyl (Surr)     | 64            |               | 27 - 120 |
| 2-Fluorophenol (Surr)       | 69            |               | 25 - 120 |
| Nitrobenzene-d5 (Surr)      | 63            |               | 33 - 123 |
| p-Terphenyl-d14 (Surr)      | 64            |               | 27 - 159 |
| Phenol-d6 (Surr)            | 68            |               | 26 - 122 |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-45268/1-A

Matrix: Solid

Analysis Batch: 45213

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45268

| Analyte  | MB     | MB        | RL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|-----|-------|---|----------------|----------------|---------|
|          | Result | Qualifier |     |       |   |                |                |         |
| C6 as C6 | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C7 as C7 | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C8 as C8 | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C9-C10   | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C11-C12  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C13-C14  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C15-C16  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C17-C18  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C19-C20  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C21-C22  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C23-C24  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C25-C28  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C29-C32  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C33-C36  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C37-C40  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| C41-C44  | ND     |           | 5.0 | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 570-45268/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Analyte                         | MB<br>Result    | MB<br>Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------------|-----------------|----------|-------|---|----------------|----------------|---------|
| C6-C44                          | ND              |                 | 5.0      | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| Diesel Range Organics [C10-C28] | ND              |                 | 5.0      | mg/Kg |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |
| Surrogate                       | MB<br>%Recovery | MB<br>Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| <i>n</i> -Octacosane (Surr)     | 114             |                 | 61 - 145 |       |   | 01/20/20 11:48 | 01/20/20 19:19 | 1       |

**Lab Sample ID: LCS 570-45268/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Analyte                         | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|---------------------------------|------------------|------------------|------------------|-------|---|------|-----------------|
| Diesel Range Organics [C10-C28] | 400              | 463.5            |                  | mg/Kg |   | 116  | 67 - 121        |
| Surrogate                       | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                 |
| <i>n</i> -Octacosane (Surr)     | 115              |                  | 61 - 145         |       |   |      |                 |

**Lab Sample ID: LCSD 570-45268/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Analyte                         | Spike<br>Added    | LCSD<br>Result    | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits | RPD<br>Limit |
|---------------------------------|-------------------|-------------------|-------------------|-------|---|------|-----------------|--------------|
| Diesel Range Organics [C10-C28] | 400               | 457.5             |                   | mg/Kg |   | 114  | 67 - 121        | 1<br>20      |
| Surrogate                       | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits            |       |   |      |                 |              |
| <i>n</i> -Octacosane (Surr)     | 112               |                   | 61 - 145          |       |   |      |                 |              |

**Lab Sample ID: 570-18224-B-3-A MS**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Analyte                         | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|---------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|
| Diesel Range Organics [C10-C28] | ND               |                     | 400            | 455.4        |                 | mg/Kg |   | 114  | 33 - 153        |
| Surrogate                       | MS<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |       |   |      |                 |
| <i>n</i> -Octacosane (Surr)     | 109              |                     | 61 - 145       |              |                 |       |   |      |                 |

**Lab Sample ID: 570-18224-B-3-B MSD**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Analyte                         | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits | RPD<br>Limit |
|---------------------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|--------------|
| Diesel Range Organics [C10-C28] | ND               |                     | 396            | 483.2         |                  | mg/Kg |   | 122  | 33 - 153        | 6<br>32      |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 570-18224-B-3-B MSD**  
**Matrix: Solid**  
**Analysis Batch: 45213**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45268**

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| <i>n</i> -Octacosane (Surr) | 114           |               | 61 - 145 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-45264/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45439**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45264**

| Analyte      | MB Result | MB Qualifier | RL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|-----------|--------------|----|-------|---|----------------|----------------|---------|
| Aroclor-1016 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1221 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1232 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1242 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1248 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1254 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1260 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1262 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Aroclor-1268 | ND        |              | 50 | ug/Kg |   | 01/20/20 11:24 | 01/21/20 10:34 | 1       |

| Surrogate                            | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| <i>DCB</i> Decachlorobiphenyl (Surr) | 34           |              | 24 - 168 | 01/20/20 11:24 | 01/21/20 10:34 | 1       |
| Tetrachloro- <i>m</i> -xylene (Surr) | 34           |              | 25 - 145 | 01/20/20 11:24 | 01/21/20 10:34 | 1       |

**Lab Sample ID: LCS 570-45264/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45439**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45264**

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|-------|---|------|--------------|
| Aroclor-1016 | 100         | 84.54      |               | ug/Kg |   | 85   | 50 - 135     |
| Aroclor-1260 | 100         | 90.00      |               | ug/Kg |   | 90   | 50 - 135     |

| Surrogate                            | LCS %Recovery | LCS Qualifier | Limits   |
|--------------------------------------|---------------|---------------|----------|
| <i>DCB</i> Decachlorobiphenyl (Surr) | 99            |               | 24 - 168 |
| Tetrachloro- <i>m</i> -xylene (Surr) | 92            |               | 25 - 145 |

**Lab Sample ID: LCSD 570-45264/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45439**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45264**

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Aroclor-1016 | 100         | 91.01       |                | ug/Kg |   | 91   | 50 - 135     | 7   | 20        |
| Aroclor-1260 | 100         | 96.42       |                | ug/Kg |   | 96   | 50 - 135     | 7   | 20        |

| Surrogate                            | LCSD %Recovery | LCSD Qualifier | Limits   |
|--------------------------------------|----------------|----------------|----------|
| <i>DCB</i> Decachlorobiphenyl (Surr) | 100            |                | 24 - 168 |
| Tetrachloro- <i>m</i> -xylene (Surr) | 95             |                | 25 - 145 |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-18332-C-2-A MS**  
**Matrix: Solid**  
**Analysis Batch: 45439**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45264**

| Analyte                       | Sample           | Sample           | Spike         | MS MS  |           | Unit  | D | %Rec | %Rec.    |        |
|-------------------------------|------------------|------------------|---------------|--------|-----------|-------|---|------|----------|--------|
|                               | Result           | Qualifier        | Added         | Result | Qualifier |       |   |      | Limits   | Limits |
| Aroclor-1016                  | ND               |                  | 99.7          | 121.6  |           | ug/Kg |   | 122  | 50 - 135 |        |
| Aroclor-1260                  | ND               | F1 F2            | 99.7          | 363.0  | F1        | ug/Kg |   | 364  | 50 - 135 |        |
|                               |                  | <b>MS MS</b>     |               |        |           |       |   |      |          |        |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |        |           |       |   |      |          |        |
| DCB Decachlorobiphenyl (Surr) | 111              |                  | 24 - 168      |        |           |       |   |      |          |        |
| Tetrachloro-m-xylene (Surr)   | 101              |                  | 25 - 145      |        |           |       |   |      |          |        |

**Lab Sample ID: 570-18332-C-2-B MSD**  
**Matrix: Solid**  
**Analysis Batch: 45439**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45264**

| Analyte                       | Sample           | Sample           | Spike         | MSD MSD |           | Unit  | D | %Rec | %Rec.    |        | RPD |       |
|-------------------------------|------------------|------------------|---------------|---------|-----------|-------|---|------|----------|--------|-----|-------|
|                               | Result           | Qualifier        | Added         | Result  | Qualifier |       |   |      | Limits   | Limits | RPD | Limit |
| Aroclor-1016                  | ND               |                  | 99.6          | 102.2   |           | ug/Kg |   | 103  | 50 - 135 |        | 17  | 20    |
| Aroclor-1260                  | ND               | F1 F2            | 99.6          | 149.2   | F1 F2     | ug/Kg |   | 150  | 50 - 135 |        | 83  | 20    |
|                               |                  | <b>MSD MSD</b>   |               |         |           |       |   |      |          |        |     |       |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |         |           |       |   |      |          |        |     |       |
| DCB Decachlorobiphenyl (Surr) | 107              |                  | 24 - 168      |         |           |       |   |      |          |        |     |       |
| Tetrachloro-m-xylene (Surr)   | 82               |                  | 25 - 145      |         |           |       |   |      |          |        |     |       |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-45584/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte   | MB MB  |           | RL    | Unit  | D | Prepared       |                | Analyzed |  | Dil Fac |
|-----------|--------|-----------|-------|-------|---|----------------|----------------|----------|--|---------|
|           | Result | Qualifier |       |       |   |                |                |          |  |         |
| Silver    | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Arsenic   | ND     |           | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Barium    | ND     |           | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Beryllium | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Cadmium   | ND     |           | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Cobalt    | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Chromium  | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Copper    | ND     |           | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Nickel    | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Antimony  | ND     |           | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Selenium  | ND     |           | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Thallium  | ND     |           | 0.754 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Vanadium  | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Zinc      | ND     |           | 1.01  | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |
| Lead      | ND     |           | 0.503 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 09:54 |          |  | 1       |

**Lab Sample ID: MB 570-45584/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45857**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | MB MB  |           | RL    | Unit  | D | Prepared       |                | Analyzed |  | Dil Fac |
|------------|--------|-----------|-------|-------|---|----------------|----------------|----------|--|---------|
|            | Result | Qualifier |       |       |   |                |                |          |  |         |
| Molybdenum | ND     |           | 0.251 | mg/Kg |   | 01/21/20 16:50 | 01/22/20 14:33 |          |  | 1       |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-45584/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------|-------------|------------|---------------|-------|---|------|--------------|
| Silver     | 12.8        | 13.43      |               | mg/Kg |   | 105  | 80 - 120     |
| Arsenic    | 25.6        | 24.29      |               | mg/Kg |   | 95   | 80 - 120     |
| Barium     | 25.6        | 27.17      |               | mg/Kg |   | 106  | 80 - 120     |
| Beryllium  | 25.6        | 24.79      |               | mg/Kg |   | 97   | 80 - 120     |
| Cadmium    | 25.6        | 26.34      |               | mg/Kg |   | 103  | 80 - 120     |
| Cobalt     | 25.6        | 27.08      |               | mg/Kg |   | 106  | 80 - 120     |
| Chromium   | 25.6        | 27.05      |               | mg/Kg |   | 106  | 80 - 120     |
| Copper     | 25.6        | 27.81      |               | mg/Kg |   | 108  | 80 - 120     |
| Molybdenum | 25.6        | 24.45      |               | mg/Kg |   | 95   | 80 - 120     |
| Nickel     | 25.6        | 27.31      |               | mg/Kg |   | 107  | 80 - 120     |
| Antimony   | 25.6        | 25.58      |               | mg/Kg |   | 100  | 80 - 120     |
| Selenium   | 25.6        | 24.63      |               | mg/Kg |   | 96   | 80 - 120     |
| Thallium   | 25.6        | 27.45      |               | mg/Kg |   | 107  | 80 - 120     |
| Vanadium   | 25.6        | 25.88      |               | mg/Kg |   | 101  | 80 - 120     |
| Zinc       | 25.6        | 26.54      |               | mg/Kg |   | 103  | 80 - 120     |
| Lead       | 25.6        | 26.68      |               | mg/Kg |   | 104  | 80 - 120     |

**Lab Sample ID: LCSD 570-45584/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | Limit |
|------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| Silver     | 13.0        | 13.53       |                | mg/Kg |   | 104  | 80 - 120     | 1   | 20    |
| Arsenic    | 26.0        | 24.30       |                | mg/Kg |   | 93   | 80 - 120     | 0   | 20    |
| Barium     | 26.0        | 27.36       |                | mg/Kg |   | 105  | 80 - 120     | 1   | 20    |
| Beryllium  | 26.0        | 24.63       |                | mg/Kg |   | 95   | 80 - 120     | 1   | 20    |
| Cadmium    | 26.0        | 26.51       |                | mg/Kg |   | 102  | 80 - 120     | 1   | 20    |
| Cobalt     | 26.0        | 26.45       |                | mg/Kg |   | 102  | 80 - 120     | 2   | 20    |
| Chromium   | 26.0        | 26.78       |                | mg/Kg |   | 103  | 80 - 120     | 1   | 20    |
| Copper     | 26.0        | 27.96       |                | mg/Kg |   | 107  | 80 - 120     | 1   | 20    |
| Molybdenum | 26.0        | 24.13       |                | mg/Kg |   | 93   | 80 - 120     | 1   | 20    |
| Nickel     | 26.0        | 26.60       |                | mg/Kg |   | 102  | 80 - 120     | 3   | 20    |
| Antimony   | 26.0        | 24.99       |                | mg/Kg |   | 96   | 80 - 120     | 2   | 20    |
| Selenium   | 26.0        | 23.86       |                | mg/Kg |   | 92   | 80 - 120     | 3   | 20    |
| Thallium   | 26.0        | 27.03       |                | mg/Kg |   | 104  | 80 - 120     | 2   | 20    |
| Vanadium   | 26.0        | 25.81       |                | mg/Kg |   | 99   | 80 - 120     | 0   | 20    |
| Zinc       | 26.0        | 25.96       |                | mg/Kg |   | 100  | 80 - 120     | 2   | 20    |
| Lead       | 26.0        | 26.25       |                | mg/Kg |   | 101  | 80 - 120     | 2   | 20    |

**Lab Sample ID: 570-18232-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Silver    | ND            | L                | 12.3        | 11.75     |              | mg/Kg |   | 95   | 75 - 125     |
| Arsenic   | 8.23          |                  | 24.6        | 30.88     |              | mg/Kg |   | 92   | 75 - 125     |
| Barium    | 72.7          |                  | 24.6        | 100.5     |              | mg/Kg |   | 113  | 75 - 125     |
| Beryllium | 0.495         |                  | 24.6        | 24.37     |              | mg/Kg |   | 97   | 75 - 125     |
| Cadmium   | ND            |                  | 24.6        | 23.04     |              | mg/Kg |   | 94   | 75 - 125     |

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# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-18232-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Cobalt     | 2.97          |                  | 24.6        | 25.48     |              | mg/Kg |   | 91   | 75 - 125     |
| Chromium   | 4.09          |                  | 24.6        | 28.08     |              | mg/Kg |   | 97   | 75 - 125     |
| Copper     | 3.96          |                  | 24.6        | 30.83     |              | mg/Kg |   | 109  | 75 - 125     |
| Molybdenum | ND            |                  | 24.6        | 19.88     |              | mg/Kg |   | 80   | 75 - 125     |
| Nickel     | 3.72          |                  | 24.6        | 26.62     |              | mg/Kg |   | 93   | 75 - 125     |
| Antimony   | 0.995         | F1               | 24.6        | 5.620     | F1           | mg/Kg |   | 19   | 50 - 115     |
| Selenium   | ND            | F1               | 24.6        | 17.93     | F1           | mg/Kg |   | 73   | 75 - 125     |
| Thallium   | ND            |                  | 24.6        | 20.11     |              | mg/Kg |   | 81   | 75 - 125     |
| Vanadium   | 20.4          |                  | 24.6        | 46.87     |              | mg/Kg |   | 107  | 75 - 125     |
| Zinc       | 18.4          |                  | 24.6        | 39.46     |              | mg/Kg |   | 86   | 75 - 125     |
| Lead       | 4.86          |                  | 24.6        | 27.97     |              | mg/Kg |   | 94   | 75 - 125     |

**Lab Sample ID: 570-18232-A-1-F MSD**  
**Matrix: Solid**  
**Analysis Batch: 45809**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45584**

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Silver     | ND            | L                | 12.0        | 11.49      |               | mg/Kg |   | 96   | 75 - 125     | 2   | 20        |
| Arsenic    | 8.23          |                  | 24.0        | 30.24      |               | mg/Kg |   | 92   | 75 - 125     | 2   | 20        |
| Barium     | 72.7          |                  | 24.0        | 98.21      |               | mg/Kg |   | 106  | 75 - 125     | 2   | 20        |
| Beryllium  | 0.495         |                  | 24.0        | 23.56      |               | mg/Kg |   | 96   | 75 - 125     | 3   | 20        |
| Cadmium    | ND            |                  | 24.0        | 22.23      |               | mg/Kg |   | 92   | 75 - 125     | 4   | 20        |
| Cobalt     | 2.97          |                  | 24.0        | 24.79      |               | mg/Kg |   | 91   | 75 - 125     | 3   | 20        |
| Chromium   | 4.09          |                  | 24.0        | 27.29      |               | mg/Kg |   | 96   | 75 - 125     | 3   | 20        |
| Copper     | 3.96          |                  | 24.0        | 30.27      |               | mg/Kg |   | 109  | 75 - 125     | 2   | 20        |
| Molybdenum | ND            |                  | 24.0        | 19.40      |               | mg/Kg |   | 80   | 75 - 125     | 2   | 20        |
| Nickel     | 3.72          |                  | 24.0        | 25.85      |               | mg/Kg |   | 92   | 75 - 125     | 3   | 20        |
| Antimony   | 0.995         | F1               | 24.0        | 5.366      | F1            | mg/Kg |   | 18   | 50 - 115     | 5   | 20        |
| Selenium   | ND            | F1               | 24.0        | 16.47      | F1            | mg/Kg |   | 69   | 75 - 125     | 9   | 20        |
| Thallium   | ND            |                  | 24.0        | 19.82      |               | mg/Kg |   | 82   | 75 - 125     | 1   | 20        |
| Vanadium   | 20.4          |                  | 24.0        | 45.74      |               | mg/Kg |   | 105  | 75 - 125     | 2   | 20        |
| Zinc       | 18.4          |                  | 24.0        | 38.20      |               | mg/Kg |   | 83   | 75 - 125     | 3   | 20        |
| Lead       | 4.86          |                  | 24.0        | 26.73      |               | mg/Kg |   | 91   | 75 - 125     | 5   | 20        |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-45587/1-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | MB Result | MB Qualifier | RL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|--------|-------|---|----------------|----------------|---------|
| Mercury | ND        |              | 0.0833 | mg/Kg |   | 01/21/20 16:53 | 01/22/20 17:21 | 1       |

**Lab Sample ID: LCS 570-45587/2-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|-------|---|------|--------------|
| Mercury | 0.820       | 0.6950     |               | mg/Kg |   | 85   | 85 - 121     |

# QC Sample Results

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-45587/3-A**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Mercury | 0.806       | 0.7079      |                | mg/Kg |   | 88   | 85 - 121     | 2   | 10        |

**Lab Sample ID: 570-18232-A-1-H MS**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|-----|-----------|
| Mercury | ND            |                  | 0.833       | 0.6536    |              | mg/Kg |   | 78   | 71 - 137     |     |           |

**Lab Sample ID: 570-18232-A-1-I MSD**  
**Matrix: Solid**  
**Analysis Batch: 45810**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 45587**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Mercury | ND            |                  | 0.833       | 0.6398     |               | mg/Kg |   | 77   | 71 - 137     | 2   | 14        |

# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## GC/MS VOA

### Prep Batch: 44847

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18195-1   | SV-5_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-2   | SV-5_5           | Total/NA  | Solid  | 5035   |            |
| 570-18195-7   | SV-8_10          | Total/NA  | Solid  | 5035   |            |
| 570-18195-8   | SV-8_15          | Total/NA  | Solid  | 5035   |            |
| 570-18195-10  | SV-13_5          | Total/NA  | Solid  | 5035   |            |
| 570-18195-11  | SV-13_15         | Total/NA  | Solid  | 5035   |            |
| 570-18195-12  | SV-9_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-13  | SV-9_5           | Total/NA  | Solid  | 5035   |            |
| 570-18195-16  | SV-1_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-17  | SV-1_5           | Total/NA  | Solid  | 5035   |            |
| 570-18195-20  | SV-2_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-21  | SV-2_5           | Total/NA  | Solid  | 5035   |            |
| 570-18195-24  | SV-3_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-25  | SV-3_5           | Total/NA  | Solid  | 5035   |            |
| 570-18195-27  | SV-4_2           | Total/NA  | Solid  | 5035   |            |
| 570-18195-28  | SV-4_5           | Total/NA  | Solid  | 5035   |            |

### Analysis Batch: 44854

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1      | SV-5_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-2      | SV-5_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-7      | SV-8_10                | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-8      | SV-8_15                | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-10     | SV-13_5                | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-11     | SV-13_15               | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-12     | SV-9_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-13     | SV-9_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-16     | SV-1_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| MB 570-44854/6   | Method Blank           | Total/NA  | Solid  | 8260B  |            |
| LCS 570-44854/3  | Lab Control Sample     | Total/NA  | Solid  | 8260B  |            |
| LCSD 570-44854/4 | Lab Control Sample Dup | Total/NA  | Solid  | 8260B  |            |

### Analysis Batch: 45039

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-17     | SV-1_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-20     | SV-2_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-21     | SV-2_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-24     | SV-3_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-25     | SV-3_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-27     | SV-4_2                 | Total/NA  | Solid  | 8260B  | 44847      |
| 570-18195-28     | SV-4_5                 | Total/NA  | Solid  | 8260B  | 44847      |
| MB 570-45039/6   | Method Blank           | Total/NA  | Solid  | 8260B  |            |
| LCS 570-45039/3  | Lab Control Sample     | Total/NA  | Solid  | 8260B  |            |
| LCSD 570-45039/4 | Lab Control Sample Dup | Total/NA  | Solid  | 8260B  |            |

### Analysis Batch: 45099

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 570-18195-29    | EB_20200115        | Total/NA  | Water  | 8260B  |            |
| 570-18195-30    | TB_20200115        | Total/NA  | Water  | 8260B  |            |
| MB 570-45099/8  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 570-45099/4 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

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# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## GC/MS VOA (Continued)

### Analysis Batch: 45099 (Continued)

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| LCSD 570-45099/5 | Lab Control Sample Dup | Total/NA  | Water  | 8260B  |            |

## GC/MS Semi VOA

### Prep Batch: 45267

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 3545   |            |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 3545   |            |
| 570-18195-8         | SV-8_15                | Total/NA  | Solid  | 3545   |            |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 3545   |            |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 3545   |            |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 3545   |            |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 3545   |            |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 3545   |            |
| MB 570-45267/1-A    | Method Blank           | Total/NA  | Solid  | 3545   |            |
| LCS 570-45267/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3545   |            |
| LCSD 570-45267/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3545   |            |
| 570-18127-A-1-A MS  | Matrix Spike           | Total/NA  | Solid  | 3545   |            |
| 570-18127-A-1-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3545   |            |

### Analysis Batch: 45505

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-8         | SV-8_15                | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 8270C  | 45267      |
| MB 570-45267/1-A    | Method Blank           | Total/NA  | Solid  | 8270C  | 45267      |
| LCS 570-45267/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8270C  | 45267      |
| LCSD 570-45267/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18127-A-1-A MS  | Matrix Spike           | Total/NA  | Solid  | 8270C  | 45267      |
| 570-18127-A-1-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8270C  | 45267      |

### Prep Batch: 45782

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-27         | SV-4_2                 | Total/NA  | Solid  | 3545   |            |
| MB 570-45782/1-A     | Method Blank           | Total/NA  | Solid  | 3545   |            |
| LCS 570-45782/2-A    | Lab Control Sample     | Total/NA  | Solid  | 3545   |            |
| LCSD 570-45782/3-A   | Lab Control Sample Dup | Total/NA  | Solid  | 3545   |            |
| 570-18460-A-10-A MS  | Matrix Spike           | Total/NA  | Solid  | 3545   |            |
| 570-18460-A-10-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3545   |            |

### Analysis Batch: 46128

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 570-45782/1-A    | Method Blank           | Total/NA  | Solid  | 8270C  | 45782      |
| LCS 570-45782/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8270C  | 45782      |
| LCSD 570-45782/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8270C  | 45782      |
| 570-18460-A-10-A MS | Matrix Spike           | Total/NA  | Solid  | 8270C  | 45782      |

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# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 46128 (Continued)

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 570-18460-A-10-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8270C  | 45782      |

### Analysis Batch: 46326

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18195-27  | SV-4_2           | Total/NA  | Solid  | 8270C  | 45782      |

## GC Semi VOA

### Analysis Batch: 45213

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-2         | SV-5_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-8         | SV-8_15                | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-10        | SV-13_5                | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-12        | SV-9_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-17        | SV-1_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-21        | SV-2_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-25        | SV-3_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18195-28        | SV-4_5                 | Total/NA  | Solid  | 8015B  | 45268      |
| MB 570-45268/1-A    | Method Blank           | Total/NA  | Solid  | 8015B  | 45268      |
| LCS 570-45268/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8015B  | 45268      |
| LCSD 570-45268/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18224-B-3-A MS  | Matrix Spike           | Total/NA  | Solid  | 8015B  | 45268      |
| 570-18224-B-3-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015B  | 45268      |

### Prep Batch: 45264

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 3545   |            |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 3545   |            |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 3545   |            |
| 570-18195-19        | SV-1_15                | Total/NA  | Solid  | 3545   |            |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 3545   |            |
| MB 570-45264/1-A    | Method Blank           | Total/NA  | Solid  | 3545   |            |
| LCS 570-45264/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3545   |            |
| LCSD 570-45264/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3545   |            |
| 570-18332-C-2-A MS  | Matrix Spike           | Total/NA  | Solid  | 3545   |            |
| 570-18332-C-2-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3545   |            |

### Prep Batch: 45268

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 570-18195-1   | SV-5_2           | Total/NA  | Solid  | 3550C  |            |
| 570-18195-2   | SV-5_5           | Total/NA  | Solid  | 3550C  |            |
| 570-18195-7   | SV-8_10          | Total/NA  | Solid  | 3550C  |            |
| 570-18195-8   | SV-8_15          | Total/NA  | Solid  | 3550C  |            |

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# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## GC Semi VOA (Continued)

### Prep Batch: 45268 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-10        | SV-13_5                | Total/NA  | Solid  | 3550C  |            |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 3550C  |            |
| 570-18195-12        | SV-9_2                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-17        | SV-1_5                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-21        | SV-2_5                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-25        | SV-3_5                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 3550C  |            |
| 570-18195-28        | SV-4_5                 | Total/NA  | Solid  | 3550C  |            |
| MB 570-45268/1-A    | Method Blank           | Total/NA  | Solid  | 3550C  |            |
| LCS 570-45268/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3550C  |            |
| LCSD 570-45268/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3550C  |            |
| 570-18224-B-3-A MS  | Matrix Spike           | Total/NA  | Solid  | 3550C  |            |
| 570-18224-B-3-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3550C  |            |

### Analysis Batch: 45439

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 8082   | 45264      |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 8082   | 45264      |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 8082   | 45264      |
| 570-18195-19        | SV-1_15                | Total/NA  | Solid  | 8082   | 45264      |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 8082   | 45264      |
| MB 570-45264/1-A    | Method Blank           | Total/NA  | Solid  | 8082   | 45264      |
| LCS 570-45264/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8082   | 45264      |
| LCSD 570-45264/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8082   | 45264      |
| 570-18332-C-2-A MS  | Matrix Spike           | Total/NA  | Solid  | 8082   | 45264      |
| 570-18332-C-2-B MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8082   | 45264      |

## Metals

### Prep Batch: 45584

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 3050B  |            |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 3050B  |            |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 3050B  |            |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 3050B  |            |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 3050B  |            |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 3050B  |            |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 3050B  |            |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 3050B  |            |
| MB 570-45584/1-A    | Method Blank           | Total/NA  | Solid  | 3050B  |            |
| LCS 570-45584/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3050B  |            |
| LCSD 570-45584/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3050B  |            |
| 570-18232-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 3050B  |            |
| 570-18232-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3050B  |            |

# QC Association Summary

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Metals

### Prep Batch: 45587

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 7471A  |            |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 7471A  |            |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 7471A  |            |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 7471A  |            |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 7471A  |            |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 7471A  |            |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 7471A  |            |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 7471A  |            |
| MB 570-45587/1-A    | Method Blank           | Total/NA  | Solid  | 7471A  |            |
| LCS 570-45587/2-A   | Lab Control Sample     | Total/NA  | Solid  | 7471A  |            |
| LCSD 570-45587/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 7471A  |            |
| 570-18232-A-1-H MS  | Matrix Spike           | Total/NA  | Solid  | 7471A  |            |
| 570-18232-A-1-I MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 7471A  |            |

### Analysis Batch: 45809

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 6010B  | 45584      |
| MB 570-45584/1-A    | Method Blank           | Total/NA  | Solid  | 6010B  | 45584      |
| LCS 570-45584/2-A   | Lab Control Sample     | Total/NA  | Solid  | 6010B  | 45584      |
| LCSD 570-45584/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18232-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 6010B  | 45584      |
| 570-18232-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 6010B  | 45584      |

### Analysis Batch: 45810

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 570-18195-1         | SV-5_2                 | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-7         | SV-8_10                | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-11        | SV-13_15               | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-13        | SV-9_5                 | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-16        | SV-1_2                 | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-20        | SV-2_2                 | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-24        | SV-3_2                 | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18195-27        | SV-4_2                 | Total/NA  | Solid  | 7471A  | 45587      |
| MB 570-45587/1-A    | Method Blank           | Total/NA  | Solid  | 7471A  | 45587      |
| LCS 570-45587/2-A   | Lab Control Sample     | Total/NA  | Solid  | 7471A  | 45587      |
| LCSD 570-45587/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18232-A-1-H MS  | Matrix Spike           | Total/NA  | Solid  | 7471A  | 45587      |
| 570-18232-A-1-I MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 7471A  | 45587      |

### Analysis Batch: 45857

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 570-18195-7      | SV-8_10          | Total/NA  | Solid  | 6010B  | 45584      |
| MB 570-45584/1-A | Method Blank     | Total/NA  | Solid  | 6010B  | 45584      |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

**Client Sample ID: SV-5\_2**

**Date Collected: 01/15/20 07:40**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-1**

**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       | 5035         |     |            | 6.465 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 15:54       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.06 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/21/20 23:27       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.10 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/20/20 22:26       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.02 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:55       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .60 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 18:23       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-5\_5**

**Date Collected: 01/15/20 08:00**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-2**

**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       | 5035         |     |            | 6.949 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA             | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 16:21       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | 3550C        |     |            | 9.89 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA             | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/20/20 22:47       | N5Y3    | ECL 1 |
| Instrument ID: GC47  |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-8\_10**

**Date Collected: 01/15/20 09:15**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-7**

**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       | 5035         |     |            | 7.024 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 16:48       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.96 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/21/20 23:46       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.26 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/20/20 23:08       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.00 g        | 10 mL        | 45264        | 01/20/20 11:24       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8082         |     | 1          |                |              | 45439        | 01/21/20 12:04       | UHHN    | ECL 1 |
| Instrument ID: GC58   |            |              |     |            |                |              |              |                      |         |       |

Eurofins Calscience LLC

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-8\_10

Date Collected: 01/15/20 09:15

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-7

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        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA            | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:08       | OYW3    | ECL 1 |
| Instrument ID: ICP8 |            |              |     |            |                |              |              |                      |         |       |
| Total/NA            | Prep       | 3050B        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA            | Analysis   | 6010B        |     | 1          |                |              | 45857        | 01/22/20 14:36       | OYW3    | ECL 1 |
| Instrument ID: ICP8 |            |              |     |            |                |              |              |                      |         |       |
| Total/NA            | Prep       | 7471A        |     |            | .61 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA            | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:35       | MD3A    | ECL 1 |
| Instrument ID: HG7  |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-8\_15

Date Collected: 01/15/20 09:30

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-8

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       | 5035         |     |            | 7.428 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 17:15       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.13 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/22/20 00:05       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.09 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/20/20 23:28       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-13\_5

Date Collected: 01/15/20 10:10

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-10

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       | 5035         |     |            | 6.802 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA             | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 17:41       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | 3550C        |     |            | 10.12 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA             | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/20/20 23:49       | N5Y3    | ECL 1 |
| Instrument ID: GC47  |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-13\_15

Date Collected: 01/15/20 10:30

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-11

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       | 5035         |     |            | 6.692 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA             | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 18:07       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

**Client Sample ID: SV-13\_15**

**Date Collected: 01/15/20 10:30**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-11**

**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       | 3545         |     |            | 20.00 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/22/20 00:24       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.91 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 00:10       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.08 g        | 10 mL        | 45264        | 01/20/20 11:24       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8082         |     | 1          |                |              | 45439        | 01/21/20 13:16       | UHHN    | ECL 1 |
| Instrument ID: GC58   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.09 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:10       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .61 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:37       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-9\_2**

**Date Collected: 01/15/20 10:50**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-12**

**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       | 5035         |     |            | 6.278 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA             | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 18:34       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ |            |              |     |            |                |              |              |                      |         |       |
| Total/NA             | Prep       | 3550C        |     |            | 10.36 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA             | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 00:51       | N5Y3    | ECL 1 |
| Instrument ID: GC47  |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-9\_5**

**Date Collected: 01/15/20 10:55**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-13**

**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       | 5035         |     |            | 6.805 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 19:00       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.10 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/22/20 00:43       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.23 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 01:12       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.02 g        | 10 mL        | 45264        | 01/20/20 11:24       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8082         |     | 1          |                |              | 45439        | 01/21/20 13:34       | UHHN    | ECL 1 |
| Instrument ID: GC58   |            |              |     |            |                |              |              |                      |         |       |

Eurofins Calscience LLC

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-9\_5

Date Collected: 01/15/20 10:55

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-13

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        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA            | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:12       | OYW3    | ECL 1 |
| Instrument ID: ICP8 |            |              |     |            |                |              |              |                      |         |       |
| Total/NA            | Prep       | 7471A        |     |            | .62 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA            | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:40       | MD3A    | ECL 1 |
| Instrument ID: HG7  |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-1\_2

Date Collected: 01/15/20 11:55

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-16

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       | 5035         |     |            | 6.701 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 44854        | 01/17/20 19:26       | MGX6    | ECL 2 |
| Instrument ID: GCMSQ  |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.95 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 5          |                |              | 45505        | 01/22/20 01:02       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.77 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 5          |                |              | 45213        | 01/21/20 01:33       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.10 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:14       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .61 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:42       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-1\_5

Date Collected: 01/15/20 12:00

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-17

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       | 5035         |     |            | 6.541 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/17/20 21:55       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.28 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 01:54       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Client Sample ID: SV-1\_15

Date Collected: 01/15/20 12:15

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-19

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       | 3545         |     |            | 19.93 g        | 10 mL        | 45264        | 01/20/20 11:24       | F7UI    | ECL 1 |
| Total/NA            | Analysis   | 8082         |     | 1          |                |              | 45439        | 01/21/20 13:52       | UHHN    | ECL 1 |
| Instrument ID: GC58 |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-2\_2

Date Collected: 01/15/20 13:00

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-20

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       | 5035         |     |            | 6.466 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/17/20 22:22       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.09 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/22/20 01:21       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.00 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 02:15       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.01 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:25       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .62 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:49       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-2\_5

Date Collected: 01/15/20 13:05

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-21

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         |     |            | 7.004 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/17/20 22:49       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.89 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 02:36       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |

## Client Sample ID: SV-3\_2

Date Collected: 01/15/20 13:40

Date Received: 01/15/20 17:27

## Lab Sample ID: 570-18195-24

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         |     |            | 7.621 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/17/20 23:16       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |



# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

**Client Sample ID: SV-3\_2**

**Date Collected: 01/15/20 13:40**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-24**

**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       | 3545         |     |            | 20.02 g        | 2 mL         | 45267        | 01/20/20 11:40       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 45505        | 01/22/20 01:41       | N8CZ    | ECL 1 |
| Instrument ID: GCMSTT |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.07 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 02:57       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.02 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:27       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 7471A        |     |            | .61 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:51       | MD3A    | ECL 1 |
| Instrument ID: HG7    |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-3\_5**

**Date Collected: 01/15/20 13:50**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-25**

**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         |     |            | 6.879 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/18/20 05:06       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 10.09 g        | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 03:17       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-4\_2**

**Date Collected: 01/15/20 14:40**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**

**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         |     |            | 6.884 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/17/20 23:43       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 20.15 g        | 2 mL         | 45782        | 01/22/20 17:39       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8270C        |     | 1          |                |              | 46326        | 01/24/20 12:14       | N8CZ    | ECL 1 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.91 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 03:38       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3545         |     |            | 19.94 g        | 10 mL        | 45264        | 01/20/20 11:24       | F7UI    | ECL 1 |
| Total/NA              | Analysis   | 8082         |     | 1          |                |              | 45439        | 01/21/20 14:10       | UHHN    | ECL 1 |
| Instrument ID: GC58   |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3050B        |     |            | 2.00 g         | 100 mL       | 45584        | 01/21/20 16:50       | UCH7    | ECL 1 |
| Total/NA              | Analysis   | 6010B        |     | 1          |                |              | 45809        | 01/22/20 10:29       | OYW3    | ECL 1 |
| Instrument ID: ICP8   |            |              |     |            |                |              |              |                      |         |       |

Eurofins Calscience LLC

# Lab Chronicle

Client: Avocet Environmental Inc  
 Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

**Client Sample ID: SV-4\_2**

**Date Collected: 01/15/20 14:40**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-27**

**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        |     |            | .60 g          | 100 mL       | 45587        | 01/21/20 16:53       | UCH7    | ECL 1 |
| Total/NA           | Analysis   | 7471A        |     | 1          |                |              | 45810        | 01/22/20 17:53       | MD3A    | ECL 1 |
| Instrument ID: HG7 |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: SV-4\_5**

**Date Collected: 01/15/20 14:50**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-28**

**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         |     |            | 6.673 g        | 5 g          | 44847        | 01/16/20 22:48       | GEN9    | ECL 2 |
| Total/NA              | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 45039        | 01/18/20 00:10       | MGX6    | ECL 2 |
| Instrument ID: GCMSCC |            |              |     |            |                |              |              |                      |         |       |
| Total/NA              | Prep       | 3550C        |     |            | 9.97 g         | 10 mL        | 45268        | 01/20/20 11:48       | SP7J    | ECL 1 |
| Total/NA              | Analysis   | 8015B        |     | 1          |                |              | 45213        | 01/21/20 03:59       | N5Y3    | ECL 1 |
| Instrument ID: GC47   |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: EB\_20200115**

**Date Collected: 01/15/20 14:00**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-29**

**Matrix: Water**

| 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         | 45099        | 01/18/20 15:59       | UJHB    | ECL 2 |
| Instrument ID: GCMSVV |            |              |     |            |                |              |              |                      |         |       |

**Client Sample ID: TB\_20200115**

**Date Collected: 01/15/20 00:00**

**Date Received: 01/15/20 17:27**

**Lab Sample ID: 570-18195-30**

**Matrix: Water**

| 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         | 45099        | 01/18/20 15:33       | UJHB    | ECL 2 |
| Instrument ID: GCMSVV |            |              |     |            |                |              |              |                      |         |       |

**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: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority  | Program                                    | Identification Number | Expiration Date |
|------------|--|-----------------------|-----------------|
| Arizona    | State                                      | AZ0781                | 03-13-20        |
| California | Los Angeles County Sanitation<br>Districts | 10109                 | 09-29-20        |
| California | SCAQMD LAP                                 | 17LA0919              | 11-30-20        |
| California | State                                      | 2944                  | 09-29-20        |
| Guam       | State                                      | 20-003R               | 10-31-20        |
| Hawaii     | State                                      | <cert No.>            | 07-02-20        |
| Nevada     | State                                      | CA00111               | 07-31-20        |
| Oregon     | NELAP                                      | CA300001              | 01-29-20        |

# Method Summary

Client: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

| 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      |
| 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      |
| 3545   | Pressurized Fluid 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: Avocet Environmental Inc  
Project/Site: Transwestern - Rialto, CA - Phase II

Job ID: 570-18195-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 570-18195-1   | SV-5_2           | Solid  | 01/15/20 07:40 | 01/15/20 17:27 |          |
| 570-18195-2   | SV-5_5           | Solid  | 01/15/20 08:00 | 01/15/20 17:27 |          |
| 570-18195-7   | SV-8_10          | Solid  | 01/15/20 09:15 | 01/15/20 17:27 |          |
| 570-18195-8   | SV-8_15          | Solid  | 01/15/20 09:30 | 01/15/20 17:27 |          |
| 570-18195-10  | SV-13_5          | Solid  | 01/15/20 10:10 | 01/15/20 17:27 |          |
| 570-18195-11  | SV-13_15         | Solid  | 01/15/20 10:30 | 01/15/20 17:27 |          |
| 570-18195-12  | SV-9_2           | Solid  | 01/15/20 10:50 | 01/15/20 17:27 |          |
| 570-18195-13  | SV-9_5           | Solid  | 01/15/20 10:55 | 01/15/20 17:27 |          |
| 570-18195-16  | SV-1_2           | Solid  | 01/15/20 11:55 | 01/15/20 17:27 |          |
| 570-18195-17  | SV-1_5           | Solid  | 01/15/20 12:00 | 01/15/20 17:27 |          |
| 570-18195-19  | SV-1_15          | Solid  | 01/15/20 12:15 | 01/15/20 17:27 |          |
| 570-18195-20  | SV-2_2           | Solid  | 01/15/20 13:00 | 01/15/20 17:27 |          |
| 570-18195-21  | SV-2_5           | Solid  | 01/15/20 13:05 | 01/15/20 17:27 |          |
| 570-18195-24  | SV-3_2           | Solid  | 01/15/20 13:40 | 01/15/20 17:27 |          |
| 570-18195-25  | SV-3_5           | Solid  | 01/15/20 13:50 | 01/15/20 17:27 |          |
| 570-18195-27  | SV-4_2           | Solid  | 01/15/20 14:40 | 01/15/20 17:27 |          |
| 570-18195-28  | SV-4_5           | Solid  | 01/15/20 14:50 | 01/15/20 17:27 |          |
| 570-18195-29  | EB_20200115      | Water  | 01/15/20 14:00 | 01/15/20 17:27 |          |
| 570-18195-30  | TB_20200115      | Water  | 01/15/20 00:00 | 01/15/20 17:27 |          |



1 Technology Drive, Suite C515  
Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: **350 W. Valley Blvd. & 144 S. Willow Ave.**

Site Location: **Rialto, California**

Project No.: **1636.002**

Project Manager: **Philip Miller**

Sampled By: **SRF**

Turnaround Time: **Standard**

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                    |                               |                              |                             |                         |                                     |      |   |  |  |
|-----------------------|-------------|-------------|--------|---------------|-----------------|---|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|---|--|--|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxy. using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |   |  |  |
| 1 SV- 5 - 2           | 1/15/20     | 0740        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         | X                                   |      |   |  |  |
| 2 SV- 5 - 5           | 1/15/20     | 0800        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |   |  |  |
| 3 SV- 5 - 10          | 1/15/20     | 0805        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 4 SV- 5 - 15          | 1/15/20     | 0810        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 5 SV- 8 - 2           | 1/15/20     | 0845        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 6 SV- 8 - 5           | 1/15/20     | 0900        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 7 SV- 8 - 10          | 1/15/20     | 0915        | Soil   | 4             |                 | X   | X                             | X                            | X                           |                         | X                                   |      |   |  |  |
| 8 SV- 8 - 15          | 1/15/20     | 0930        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         |                                     |      |   |  |  |
| 9 SV- 13 - 2          | 1/15/20     | 1000        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 10 SV- 13 - 5         | 1/15/20     | 1010        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         |                                     |      |   |  |  |
| 11 SV- 13 - 15        | 1/15/20     | 1030        | Soil   | 4             |                 | X   | X                             | X                            | X                           |                         | X                                   |      |   |  |  |
| 12 SV- 9 - 2          | 1/15/20     | 1050        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |   |  |  |
| 13 SV- 9 - 5          | 1/15/20     | 1055        | Soil   | 4             |                 | X   | X                             | X                            | X                           |                         | X                                   |      |   |  |  |
| 14 SV- 9 - 10         | 1/15/20     | 1100        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |
| 15 SV- 9 - 15         | 1/15/20     | 1115        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      | X |  |  |



|   |                            |   |         |
|---|----------------------------|---|---------|
| Relinquished by   | Company                    | Received by   | Company |
| Printed Name: <b>Spencer Ferrara</b> Date: <b>1/15/20</b> | Avocet Environmental, Inc. | Printed Name: <b>Antonio Costo</b> Date: <b>1-15-20</b> | JC      |
| Signature: <i>[Signature]</i> Time: <b>17:27</b>          |                            | Signature: <i>[Signature]</i> Time: <b>17:27</b>        |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |

|                          |                     |  |   |                      |
|--------------------------|---------------------|--|---|----------------------|
| Sample Receipt           |                     | Billing Information  |   | Special Instructions |
| Total Containers: _____  | TAT: _____          | Bill To:<br>Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977 Ext.102 |                      |
| Temperature: _____ °C    | Lab No.: _____      |  | ECI Job#57003839  |                      |
| COC Seal (Y/N/NA): _____ | Intact (Y/N): _____ |  |   |                      |

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1/24/2020





1 Technology Drive, Suite C515  
Irvine, California 92618-5302  
TEL (949) 296-0977  
FAX (949) 296-0978

# CHAIN OF CUSTODY RECORD

**Project Information:**      **Event Name:**

Site Name: 350 W. Valley Blvd. & 144 S. Willow Ave.

Site Location: Rialto, California

Project No.: 1636.002

Project Manager: Philip Miller

Sampled By: HP

Turnaround Time: Standard

| Sample Identification | Sample Date | Sample Time | Matrix | No. of Cntrs. | Lab I.D. Number | Analyses                                      |                               |                              |                             |                         |                                     |      |  |  |  |  |  |   |
|-----------------------|-------------|-------------|--------|---------------|-----------------|---|-------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------------|------|--|--|--|--|--|---|
|                       |             |             |        |               |                 | VOCs, inc. fuel oxygs. using EPA Method 8260B | TPH-cc using EPA Method 8015B | SVOCs using EPA Method 8270C | PCBss using EPA Method 8082 | Organic Lead (DHS LUFT) | Metals using EPA Method 6010B/7471A | HOLD |  |  |  |  |  |   |
| 16 SV- 1 - 2          | 1/15/20     | 1155        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         | X                                   |      |  |  |  |  |  |   |
| 17 SV- 1 - 5          | 1/ /20      | 1200        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |   |
| 18 SV- 1 - 10         | 1/ /20      | 1210        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  | X |
| 19 SV- 1 - 15         | 1/ /20      | 1215        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  | X |
| 20 SV- 2 - 2          | 1/ /20      | 1300        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         | X                                   |      |  |  |  |  |  |   |
| 21 SV- 2 - 5          | 1/ /20      | 1305        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |   |
| 22 SV- 2 - 10         | 1/ /20      | 1310        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  | X |
| 23 SV- 2 - 15         | 1/ /20      | 1330        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  | X |
| 24 SV- 3 - 2          | 1/ /20      | 1340        | Soil   | 4             |                 | X   | X                             | X                            |                             |                         | X                                   |      |  |  |  |  |  |   |
| 25 SV- 3 - 5          | 1/ /20      | 1350        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |   |
| 26 SV- 3 - 11         | 1/ /20      | 1355        | Soil   | 1             |                 |   |                               |                              |                             |                         |                                     |      |  |  |  |  |  | X |
| 27 SV- 4 - 2          | 1/ /20      | 1440        | Soil   | 4             |                 | X   | X                             | X                            | X                           |                         | X                                   |      |  |  |  |  |  |   |
| 28 SV- 4 - 5          | 1/ /20      | 1450        | Soil   | 4             |                 | X   | X                             |                              |                             |                         |                                     |      |  |  |  |  |  |   |
| 29 EB-20200115        | 1/15/20     | 1400        | Water  | 3             |                 | X   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |   |
| 30 TB-20200115        | 1/15/20     | -           | Water  | 3             |                 | X   |                               |                              |                             |                         |                                     |      |  |  |  |  |  |   |

| Relinquished by   | Company                    | Received by   | Company |
|---|----------------------------|---|---------|
| Printed Name: <u>Spencer Folkner</u> Date: <u>1/15/20</u> | Avocet Environmental, Inc. | Printed Name: <u>Antonio Lopez</u> Date: <u>1-15-20</u> | EC      |
| Signature: <u>[Signature]</u> Time: <u>17:27</u>          |                            | Signature: <u>[Signature]</u> Time: <u>17:27</u>        |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |
| Printed Name: _____ Date: _____                           |                            | Printed Name: _____ Date: _____                         |         |
| Signature: _____ Time: _____                              |                            | Signature: _____ Time: _____                            |         |

| Sample Receipt                                | Billing Information   | Special Instructions   |
|---|---|--|
| Total Containers: _____ TAT: _____            | Bill To: Philip Miller, P.E.<br>AVOCET ENVIRONMENTAL, INC.<br>1 Technology Drive, Suite C515<br>Irvine, CA 92618-5302 | Please bill to Avocet. If any Questions, please call Phil Miller @ 949-296-0977<br>Ext.102<br><br>ECI Job#57003839 |
| Temperature: _____ °C _____ °F Lab No.: _____ |   |  |
| COC Seal (Y/N/NA): _____ Intact (Y/N): _____  |   |  |

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1/24/2020







## Login Sample Receipt Checklist

Client: Avocet Environmental Inc

Job Number: 570-18195-1

**Login Number: 18195**

**List Source: Eurofins Calscience**

**List Number: 1**

**Creator: Ramos, Maribel**

| 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    |         |



July 17, 2020

Heather Fields  
Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim, CA 92806  
Tel: (530) 391-0600  
Fax: (714) 414-1166

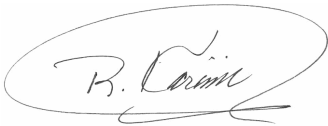
ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 2001692  
Client Reference : Birtcher - Rialto, 20-137

Enclosed are the results for sample(s) received on July 14, 2020 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,



Dr. Reza Karimi  
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
Report To : Heather Fields  
Reported : 07/17/2020

### SUMMARY OF SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|--------------|---------------|
| SV-19-24  | 2001692-01    | Soil   | 7/13/20 8:00 | 7/14/20 12:54 |
| SV-19-30  | 2001692-02    | Soil   | 7/13/20 8:15 | 7/14/20 12:54 |
| SV-19-35  | 2001692-03    | Soil   | 7/13/20 8:30 | 7/14/20 12:54 |



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
Report To : Heather Fields  
Reported : 07/17/2020

Client Sample ID: SV-19-24

Lab ID: 2001692-01

### Volatile Organic Compounds by EPA 5035 / EPA 8260B

Analyst: KL

| Analyte                     | Result<br>(ug/kg) | PQL<br>(ug/kg) | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|-----------------------------|-------------------|----------------|----------|---------|------------|-----------------------|-------|
| 1,1,1,2-Tetrachloroethane   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1,1-Trichloroethane       | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1,2,2-Tetrachloroethane   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1,2-Trichloroethane       | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1-Dichloroethane          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1-Dichloroethene          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,1-Dichloropropene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2,3-Trichloropropane      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2,3-Trichlorobenzene      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2,4-Trichlorobenzene      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2,4-Trimethylbenzene      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2-Dibromo-3-chloropropane | ND                | 500            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2-Dibromoethane           | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2-Dichlorobenzene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2-Dichloroethane          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,2-Dichloropropane         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,3,5-Trimethylbenzene      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,3-Dichlorobenzene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,3-Dichloropropane         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 1,4-Dichlorobenzene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 2,2-Dichloropropane         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 2-Chlorotoluene             | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 4-Chlorotoluene             | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| 4-Isopropyltoluene          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Benzene                     | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Bromobenzene                | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Bromochloromethane          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Bromodichloromethane        | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Bromoform                   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Bromomethane                | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Carbon disulfide            | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Carbon tetrachloride        | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Chlorobenzene               | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Chloroethane                | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Chloroform                  | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Chloromethane               | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| cis-1,2-Dichloroethene      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |



# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

**Client Sample ID: SV-19-24**

**Lab ID: 2001692-01**

**Volatile Organic Compounds by EPA 5035 / EPA 8260B**

**Analyst: KL**

| Analyte                   | Result<br>(ug/kg) | PQL<br>(ug/kg) | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|---------------------------|-------------------|----------------|----------|---------|------------|-----------------------|-------|
| cis-1,3-Dichloropropene   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Di-isopropyl ether        | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Dibromochloromethane      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Dibromomethane            | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Dichlorodifluoromethane   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Ethyl Acetate             | ND                | 2500           | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Ethyl Ether               | ND                | 2500           | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Ethyl tert-butyl ether    | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Ethylbenzene              | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Freon-113                 | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Hexachlorobutadiene       | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Isopropylbenzene          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| m,p-Xylene                | ND                | 500            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Methylene chloride        | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| MTBE                      | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| n-Butylbenzene            | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| n-Propylbenzene           | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| <b>Naphthalene</b>        | <b>650</b>        | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| o-Xylene                  | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| sec-Butylbenzene          | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Styrene                   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| tert-Amyl methyl ether    | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| tert-Butanol              | ND                | 5000           | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| tert-Butylbenzene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Tetrachloroethene         | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Toluene                   | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| trans-1,2-Dichloroethene  | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| trans-1,3-Dichloropropene | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Trichloroethene           | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Trichlorofluoromethane    | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Vinyl acetate             | ND                | 2500           | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |
| Vinyl chloride            | ND                | 250            | 50       | B0G0242 | 07/15/2020 | 07/15/20 15:58        |       |

|   |              |                 |  |         |            |                |  |
|---|--------------|-----------------|--|---------|------------|----------------|--|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>104 %</i> | <i>58 - 160</i> |  | B0G0242 | 07/15/2020 | 07/15/20 15:58 |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>104 %</i> | <i>72 - 121</i> |  | B0G0242 | 07/15/2020 | 07/15/20 15:58 |  |
| <i>Surrogate: Dibromofluoromethane</i>  | <i>104 %</i> | <i>75 - 139</i> |  | B0G0242 | 07/15/2020 | 07/15/20 15:58 |  |
| <i>Surrogate: Toluene-d8</i>            | <i>110 %</i> | <i>84 - 115</i> |  | B0G0242 | 07/15/2020 | 07/15/20 15:58 |  |



# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

**Client Sample ID: SV-19-30**

**Lab ID: 2001692-02**

**Volatile Organic Compounds by EPA 5035 / EPA 8260B**

**Analyst: KL**

| Analyte                       | Result<br>(ug/kg) | PQL<br>(ug/kg) | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|-------------------------------|-------------------|----------------|----------|---------|------------|-----------------------|-------|
| 1,1,1,2-Tetrachloroethane     | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1,1-Trichloroethane         | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1,2,2-Tetrachloroethane     | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1,2-Trichloroethane         | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1-Dichloroethane            | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1-Dichloroethene            | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,1-Dichloropropene           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2,3-Trichloropropane        | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2,3-Trichlorobenzene        | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2,4-Trichlorobenzene        | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>1,2,4-Trimethylbenzene</b> | <b>8600</b>       | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2-Dibromo-3-chloropropane   | ND                | 470            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2-Dibromoethane             | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2-Dichlorobenzene           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2-Dichloroethane            | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,2-Dichloropropane           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,3,5-Trimethylbenzene        | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,3-Dichlorobenzene           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,3-Dichloropropane           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 1,4-Dichlorobenzene           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 2,2-Dichloropropane           | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 2-Chlorotoluene               | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| 4-Chlorotoluene               | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>4-Isopropyltoluene</b>     | <b>1500</b>       | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Benzene                       | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Bromobenzene                  | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Bromochloromethane            | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Bromodichloromethane          | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Bromoform                     | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Bromomethane                  | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Carbon disulfide              | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Carbon tetrachloride          | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Chlorobenzene                 | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Chloroethane                  | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Chloroform                    | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Chloromethane                 | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| cis-1,2-Dichloroethene        | ND                | 230            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

**Client Sample ID: SV-19-30**

**Lab ID: 2001692-02**

**Volatile Organic Compounds by EPA 5035 / EPA 8260B**

**Analyst: KL**

| Analyte                                 | Result<br>(ug/kg) | PQL<br>(ug/kg)  | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|---|-------------------|-----------------|----------|---------|------------|-----------------------|-------|
| cis-1,3-Dichloropropene                 | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Di-isopropyl ether                      | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Dibromochloromethane                    | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Dibromomethane                          | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Dichlorodifluoromethane                 | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Ethyl Acetate                           | ND                | 2300            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Ethyl Ether                             | ND                | 2300            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Ethyl tert-butyl ether                  | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>Ethylbenzene</b>                     | <b>1100</b>       | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Freon-113                               | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Hexachlorobutadiene                     | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>Isopropylbenzene</b>                 | <b>460</b>        | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>m,p-Xylene</b>                       | <b>1400</b>       | 470             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Methylene chloride                      | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| MTBE                                    | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>n-Butylbenzene</b>                   | <b>1900</b>       | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>n-Propylbenzene</b>                  | <b>1400</b>       | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>Naphthalene</b>                      | <b>8900</b>       | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| o-Xylene                                | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <b>sec-Butylbenzene</b>                 | <b>1200</b>       | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Styrene                                 | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| tert-Amyl methyl ether                  | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| tert-Butanol                            | ND                | 4700            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| tert-Butylbenzene                       | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Tetrachloroethene                       | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Toluene                                 | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| trans-1,2-Dichloroethene                | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| trans-1,3-Dichloropropene               | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Trichloroethene                         | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Trichlorofluoromethane                  | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Vinyl acetate                           | ND                | 2300            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| Vinyl chloride                          | ND                | 230             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:20        |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>106 %</i>      | <i>58 - 160</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:20</i> |       |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>124 %</i>      | <i>72 - 121</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:20</i> | S12   |
| <i>Surrogate: Dibromofluoromethane</i>  | <i>110 %</i>      | <i>75 - 139</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:20</i> |       |
| <i>Surrogate: Toluene-d8</i>            | <i>117 %</i>      | <i>84 - 115</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:20</i> | S12   |



# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
 Report To : Heather Fields  
 Reported : 07/17/2020

**Client Sample ID: SV-19-35**

**Lab ID: 2001692-03**

## Volatile Organic Compounds by EPA 5035 / EPA 8260B

**Analyst: KL**

| Analyte                       | Result<br>(ug/kg) | PQL<br>(ug/kg) | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|-------------------------------|-------------------|----------------|----------|---------|------------|-----------------------|-------|
| 1,1,1,2-Tetrachloroethane     | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1,1-Trichloroethane         | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1,2,2-Tetrachloroethane     | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1,2-Trichloroethane         | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1-Dichloroethane            | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1-Dichloroethene            | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,1-Dichloropropene           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2,3-Trichloropropane        | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2,3-Trichlorobenzene        | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2,4-Trichlorobenzene        | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>1,2,4-Trimethylbenzene</b> | <b>14000</b>      | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2-Dibromo-3-chloropropane   | ND                | 520            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2-Dibromoethane             | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2-Dichlorobenzene           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2-Dichloroethane            | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,2-Dichloropropane           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,3,5-Trimethylbenzene        | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,3-Dichlorobenzene           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,3-Dichloropropane           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 1,4-Dichlorobenzene           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 2,2-Dichloropropane           | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 2-Chlorotoluene               | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| 4-Chlorotoluene               | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>4-Isopropyltoluene</b>     | <b>2400</b>       | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Benzene                       | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Bromobenzene                  | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Bromochloromethane            | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Bromodichloromethane          | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Bromoform                     | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Bromomethane                  | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Carbon disulfide              | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Carbon tetrachloride          | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Chlorobenzene                 | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Chloroethane                  | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Chloroform                    | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Chloromethane                 | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| cis-1,2-Dichloroethene        | ND                | 260            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |





# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
 Report To : Heather Fields  
 Reported : 07/17/2020

Client Sample ID: SV-19-35

Lab ID: 2001692-03

## Volatile Organic Compounds by EPA 5035 / EPA 8260B

Analyst: KL

| Analyte                                 | Result<br>(ug/kg) | PQL<br>(ug/kg)  | Dilution | Batch   | Prepared   | Date/Time<br>Analyzed | Notes |
|---|-------------------|-----------------|----------|---------|------------|-----------------------|-------|
| cis-1,3-Dichloropropene                 | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Di-isopropyl ether                      | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Dibromochloromethane                    | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Dibromomethane                          | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Dichlorodifluoromethane                 | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Ethyl Acetate                           | ND                | 2600            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Ethyl Ether                             | ND                | 2600            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Ethyl tert-butyl ether                  | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>Ethylbenzene</b>                     | <b>2400</b>       | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Freon-113                               | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Hexachlorobutadiene                     | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>Isopropylbenzene</b>                 | <b>880</b>        | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>m,p-Xylene</b>                       | <b>3200</b>       | 520             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Methylene chloride                      | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| MTBE                                    | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>n-Butylbenzene</b>                   | <b>3100</b>       | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>n-Propylbenzene</b>                  | <b>2600</b>       | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>Naphthalene</b>                      | <b>13000</b>      | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| o-Xylene                                | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <b>sec-Butylbenzene</b>                 | <b>2000</b>       | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Styrene                                 | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| tert-Amyl methyl ether                  | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| tert-Butanol                            | ND                | 5200            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| tert-Butylbenzene                       | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Tetrachloroethene                       | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Toluene                                 | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| trans-1,2-Dichloroethene                | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| trans-1,3-Dichloropropene               | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Trichloroethene                         | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Trichlorofluoromethane                  | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Vinyl acetate                           | ND                | 2600            | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| Vinyl chloride                          | ND                | 260             | 50       | B0G0242 | 07/15/2020 | 07/15/20 16:41        |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>97.1 %</i>     | <i>58 - 160</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:41</i> |       |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>135 %</i>      | <i>72 - 121</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:41</i> | S10   |
| <i>Surrogate: Dibromofluoromethane</i>  | <i>96.1 %</i>     | <i>75 - 139</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:41</i> |       |
| <i>Surrogate: Toluene-d8</i>            | <i>118 %</i>      | <i>84 - 115</i> |          | B0G0242 | 07/15/2020 | <i>07/15/20 16:41</i> | S12   |



# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
 Report To : Heather Fields  
 Reported : 07/17/2020

## QUALITY CONTROL SECTION

### Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec<br>% Rec | % Rec<br>Limits | RPD<br>RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|------------|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|------------|--------------|-------|

#### Batch B0G0242 - MSVOA\_S

##### Blank (B0G0242-BLK1)

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                             |    |     |      |  |  |  |  |  |  |  |
|-----------------------------|----|-----|------|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane   | ND | 5.0 | 0.52 |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane       | ND | 5.0 | 0.26 |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane   | ND | 5.0 | 0.21 |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane       | ND | 5.0 | 0.40 |  |  |  |  |  |  |  |
| 1,1-Dichloroethane          | ND | 5.0 | 1.4  |  |  |  |  |  |  |  |
| 1,1-Dichloroethene          | ND | 5.0 | 1.9  |  |  |  |  |  |  |  |
| 1,1-Dichloropropene         | ND | 5.0 | 0.54 |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane      | ND | 5.0 | 0.40 |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene      | ND | 5.0 | 0.83 |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene      | ND | 5.0 | 0.80 |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene      | ND | 5.0 | 0.91 |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane | ND | 10  | 1.1  |  |  |  |  |  |  |  |
| 1,2-Dibromoethane           | ND | 5.0 | 0.40 |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene         | ND | 5.0 | 0.21 |  |  |  |  |  |  |  |
| 1,2-Dichloroethane          | ND | 5.0 | 0.50 |  |  |  |  |  |  |  |
| 1,2-Dichloropropane         | ND | 5.0 | 0.46 |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene      | ND | 5.0 | 0.70 |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene         | ND | 5.0 | 0.36 |  |  |  |  |  |  |  |
| 1,3-Dichloropropane         | ND | 5.0 | 0.49 |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene         | ND | 5.0 | 0.27 |  |  |  |  |  |  |  |
| 2,2-Dichloropropane         | ND | 5.0 | 0.28 |  |  |  |  |  |  |  |
| 2-Chlorotoluene             | ND | 5.0 | 0.53 |  |  |  |  |  |  |  |
| 4-Chlorotoluene             | ND | 5.0 | 0.40 |  |  |  |  |  |  |  |
| 4-Isopropyltoluene          | ND | 5.0 | 0.81 |  |  |  |  |  |  |  |
| Benzene                     | ND | 5.0 | 0.36 |  |  |  |  |  |  |  |
| Bromobenzene                | ND | 5.0 | 0.62 |  |  |  |  |  |  |  |
| Bromochloromethane          | ND | 5.0 | 0.30 |  |  |  |  |  |  |  |
| Bromodichloromethane        | ND | 5.0 | 0.52 |  |  |  |  |  |  |  |
| Bromoform                   | ND | 5.0 | 1.4  |  |  |  |  |  |  |  |
| Bromomethane                | ND | 5.0 | 2.5  |  |  |  |  |  |  |  |
| Carbon disulfide            | ND | 5.0 | 0.94 |  |  |  |  |  |  |  |
| Carbon tetrachloride        | ND | 5.0 | 0.73 |  |  |  |  |  |  |  |
| Chlorobenzene               | ND | 5.0 | 0.42 |  |  |  |  |  |  |  |
| Chloroethane                | ND | 5.0 | 1.5  |  |  |  |  |  |  |  |
| Chloroform                  | ND | 5.0 | 0.24 |  |  |  |  |  |  |  |
| Chloromethane               | ND | 5.0 | 1.1  |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene      | ND | 5.0 | 0.20 |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene     | ND | 5.0 | 0.39 |  |  |  |  |  |  |  |
| Di-isopropyl ether          | ND | 5.0 | 1.9  |  |  |  |  |  |  |  |



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
Report To : Heather Fields  
Reported : 07/17/2020

### Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control (cont'd)

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec<br>% Rec | % Rec<br>Limits | RPD<br>RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|------------|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|------------|--------------|-------|

**Batch B0G0242 - MSVOA\_S (continued)**

**Blank (B0G0242-BLK1) - Continued**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                           |    |     |      |
|---------------------------|----|-----|------|
| Dibromochloromethane      | ND | 5.0 | 0.81 |
| Dibromomethane            | ND | 5.0 | 0.23 |
| Dichlorodifluoromethane   | ND | 5.0 | 0.14 |
| Ethyl Acetate             | ND | 50  | 7.0  |
| Ethyl Ether               | ND | 50  | 17   |
| Ethyl tert-butyl ether    | ND | 5.0 | 0.85 |
| Ethylbenzene              | ND | 5.0 | 0.43 |
| Freon-113                 | ND | 5.0 | 1.3  |
| Hexachlorobutadiene       | ND | 5.0 | 0.40 |
| Isopropylbenzene          | ND | 5.0 | 0.79 |
| m,p-Xylene                | ND | 10  | 0.98 |
| Methylene chloride        | ND | 5.0 | 2.2  |
| MTBE                      | ND | 5.0 | 0.81 |
| n-Butylbenzene            | ND | 5.0 | 1.2  |
| n-Propylbenzene           | ND | 5.0 | 0.78 |
| Naphthalene               | ND | 5.0 | 1.1  |
| o-Xylene                  | ND | 5.0 | 0.67 |
| sec-Butylbenzene          | ND | 5.0 | 0.63 |
| Styrene                   | ND | 5.0 | 0.45 |
| tert-Amyl methyl ether    | ND | 5.0 | 1.1  |
| tert-Butanol              | ND | 100 | 11   |
| tert-Butylbenzene         | ND | 5.0 | 0.80 |
| Tetrachloroethene         | ND | 5.0 | 0.31 |
| Toluene                   | ND | 5.0 | 0.27 |
| trans-1,2-Dichloroethene  | ND | 5.0 | 0.56 |
| trans-1,3-Dichloropropene | ND | 5.0 | 0.59 |
| Trichloroethene           | ND | 5.0 | 0.32 |
| Trichlorofluoromethane    | ND | 5.0 | 1.0  |
| Vinyl acetate             | ND | 50  | 6.0  |
| Vinyl chloride            | ND | 5.0 | 0.92 |

|   |       |  |         |      |          |
|---|-------|--|---------|------|----------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 63.94 |  | 50.0000 | 128  | 58 - 160 |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | 49.42 |  | 50.0000 | 98.8 | 72 - 121 |
| <i>Surrogate: Dibromofluoromethane</i>  | 61.49 |  | 50.0000 | 123  | 75 - 139 |
| <i>Surrogate: Toluene-d8</i>            | 52.88 |  | 50.0000 | 106  | 84 - 115 |

**LCS (B0G0242-BS1)**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                           |         |     |      |         |      |          |
|---------------------------|---------|-----|------|---------|------|----------|
| 1,1,1,2-Tetrachloroethane | 51.7700 | 5.0 | 0.52 | 50.0000 | 104  | 80 - 114 |
| 1,1,1-Trichloroethane     | 54.2500 | 5.0 | 0.26 | 50.0000 | 108  | 71 - 127 |
| 1,1,2,2-Tetrachloroethane | 45.6600 | 5.0 | 0.21 | 50.0000 | 91.3 | 73 - 113 |
| 1,1,2-Trichloroethane     | 52.8400 | 5.0 | 0.40 | 50.0000 | 106  | 78 - 112 |
| 1,1-Dichloroethane        | 54.1200 | 5.0 | 1.4  | 50.0000 | 108  | 73 - 123 |



## Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

### Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control (cont'd)

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec | % Rec<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|-------|-----------------|-----|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|-------|-----------------|-----|--------------|-------|

**Batch B0G0242 - MSVOA\_S (continued)**

**LCS (B0G0242-BS1) - Continued**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                             |         |     |      |         |  |      |          |  |  |  |
|-----------------------------|---------|-----|------|---------|--|------|----------|--|--|--|
| 1,1-Dichloroethene          | 49.4000 | 5.0 | 1.9  | 50.0000 |  | 98.8 | 59 - 139 |  |  |  |
| 1,1-Dichloropropene         | 50.9200 | 5.0 | 0.54 | 50.0000 |  | 102  | 78 - 131 |  |  |  |
| 1,2,3-Trichloropropane      | 47.6900 | 5.0 | 0.40 | 50.0000 |  | 95.4 | 71 - 117 |  |  |  |
| 1,2,3-Trichlorobenzene      | 48.9200 | 5.0 | 0.83 | 50.0000 |  | 97.8 | 68 - 134 |  |  |  |
| 1,2,4-Trichlorobenzene      | 49.5800 | 5.0 | 0.80 | 50.0000 |  | 99.2 | 72 - 141 |  |  |  |
| 1,2,4-Trimethylbenzene      | 54.3700 | 5.0 | 0.91 | 50.0000 |  | 109  | 81 - 122 |  |  |  |
| 1,2-Dibromo-3-chloropropane | 43.1600 | 10  | 1.1  | 50.0000 |  | 86.3 | 64 - 134 |  |  |  |
| 1,2-Dibromoethane           | 50.1900 | 5.0 | 0.40 | 50.0000 |  | 100  | 78 - 113 |  |  |  |
| 1,2-Dichlorobenzene         | 50.6600 | 5.0 | 0.21 | 50.0000 |  | 101  | 79 - 119 |  |  |  |
| 1,2-Dichloroethane          | 50.3700 | 5.0 | 0.50 | 50.0000 |  | 101  | 62 - 126 |  |  |  |
| 1,2-Dichloropropane         | 49.2600 | 5.0 | 0.46 | 50.0000 |  | 98.5 | 77 - 120 |  |  |  |
| 1,3,5-Trimethylbenzene      | 54.5900 | 5.0 | 0.70 | 50.0000 |  | 109  | 80 - 123 |  |  |  |
| 1,3-Dichlorobenzene         | 49.9100 | 5.0 | 0.36 | 50.0000 |  | 99.8 | 80 - 118 |  |  |  |
| 1,3-Dichloropropane         | 49.2500 | 5.0 | 0.49 | 50.0000 |  | 98.5 | 80 - 114 |  |  |  |
| 1,4-Dichlorobenzene         | 50.8200 | 5.0 | 0.27 | 50.0000 |  | 102  | 80 - 117 |  |  |  |
| 2,2-Dichloropropane         | 53.9200 | 5.0 | 0.28 | 50.0000 |  | 108  | 66 - 133 |  |  |  |
| 2-Chlorotoluene             | 51.2200 | 5.0 | 0.53 | 50.0000 |  | 102  | 79 - 117 |  |  |  |
| 4-Chlorotoluene             | 51.8800 | 5.0 | 0.40 | 50.0000 |  | 104  | 80 - 117 |  |  |  |
| 4-Isopropyltoluene          | 54.9100 | 5.0 | 0.81 | 50.0000 |  | 110  | 81 - 130 |  |  |  |
| Benzene                     | 51.8000 | 5.0 | 0.36 | 50.0000 |  | 104  | 79 - 116 |  |  |  |
| Bromobenzene                | 48.5600 | 5.0 | 0.62 | 50.0000 |  | 97.1 | 76 - 113 |  |  |  |
| Bromochloromethane          | 56.0100 | 5.0 | 0.30 | 50.0000 |  | 112  | 74 - 113 |  |  |  |
| Bromodichloromethane        | 51.9700 | 5.0 | 0.52 | 50.0000 |  | 104  | 74 - 115 |  |  |  |
| Bromoform                   | 53.8600 | 5.0 | 1.4  | 50.0000 |  | 108  | 70 - 118 |  |  |  |
| Bromomethane                | 64.3500 | 5.0 | 2.5  | 50.0000 |  | 129  | 41 - 170 |  |  |  |
| Carbon disulfide            | 53.7800 | 5.0 | 0.94 | 50.0000 |  | 108  | 53 - 139 |  |  |  |
| Carbon tetrachloride        | 51.9100 | 5.0 | 0.73 | 50.0000 |  | 104  | 71 - 131 |  |  |  |
| Chlorobenzene               | 49.1700 | 5.0 | 0.42 | 50.0000 |  | 98.3 | 83 - 114 |  |  |  |
| Chloroethane                | 58.4300 | 5.0 | 1.5  | 50.0000 |  | 117  | 61 - 165 |  |  |  |
| Chloroform                  | 54.0900 | 5.0 | 0.24 | 50.0000 |  | 108  | 73 - 117 |  |  |  |
| Chloromethane               | 49.1000 | 5.0 | 1.1  | 50.0000 |  | 98.2 | 51 - 147 |  |  |  |
| cis-1,2-Dichloroethene      | 52.4800 | 5.0 | 0.20 | 50.0000 |  | 105  | 73 - 121 |  |  |  |
| cis-1,3-Dichloropropene     | 49.8600 | 5.0 | 0.39 | 50.0000 |  | 99.7 | 81 - 136 |  |  |  |
| Di-isopropyl ether          | 52.2000 | 5.0 | 1.9  | 50.0000 |  | 104  | 66 - 126 |  |  |  |
| Dibromochloromethane        | 51.4700 | 5.0 | 0.81 | 50.0000 |  | 103  | 77 - 114 |  |  |  |
| Dibromomethane              | 51.5600 | 5.0 | 0.23 | 50.0000 |  | 103  | 78 - 110 |  |  |  |
| Dichlorodifluoromethane     | 48.9600 | 5.0 | 0.14 | 50.0000 |  | 97.9 | 22 - 172 |  |  |  |
| Ethyl Acetate               | 555.760 | 50  | 7.0  | 500.000 |  | 111  | 48 - 147 |  |  |  |
| Ethyl Ether                 | 526.100 | 50  | 17   | 500.000 |  | 105  | 40 - 155 |  |  |  |
| Ethyl tert-butyl ether      | 66.3400 | 5.0 | 0.85 | 50.0000 |  | 133  | 50 - 150 |  |  |  |
| Ethylbenzene                | 53.1500 | 5.0 | 0.43 | 50.0000 |  | 106  | 73 - 128 |  |  |  |
| Freon-113                   | 51.4400 | 5.0 | 1.3  | 50.0000 |  | 103  | 60 - 144 |  |  |  |



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

### Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control (cont'd)

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec<br>% Rec | % Rec<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|

**Batch B0G0242 - MSVOA\_S (continued)**

**LCS (B0G0242-BS1) - Continued**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|   |              |     |      |                |  |            |                 |  |  |  |
|---|--------------|-----|------|----------------|--|------------|-----------------|--|--|--|
| Hexachlorobutadiene                     | 46.2400      | 5.0 | 0.40 | 50.0000        |  | 92.5       | 72 - 147        |  |  |  |
| Isopropylbenzene                        | 51.4200      | 5.0 | 0.79 | 50.0000        |  | 103        | 79 - 134        |  |  |  |
| m,p-Xylene                              | 110.370      | 10  | 0.98 | 100.000        |  | 110        | 79 - 128        |  |  |  |
| Methylene chloride                      | 54.1300      | 5.0 | 2.2  | 50.0000        |  | 108        | 60 - 131        |  |  |  |
| MTBE                                    | 58.7500      | 5.0 | 0.81 | 50.0000        |  | 118        | 57 - 131        |  |  |  |
| n-Butylbenzene                          | 53.1300      | 5.0 | 1.2  | 50.0000        |  | 106        | 82 - 134        |  |  |  |
| n-Propylbenzene                         | 53.4400      | 5.0 | 0.78 | 50.0000        |  | 107        | 78 - 127        |  |  |  |
| Naphthalene                             | 45.5800      | 5.0 | 1.1  | 50.0000        |  | 91.2       | 67 - 131        |  |  |  |
| o-Xylene                                | 55.2100      | 5.0 | 0.67 | 50.0000        |  | 110        | 79 - 126        |  |  |  |
| sec-Butylbenzene                        | 53.3400      | 5.0 | 0.63 | 50.0000        |  | 107        | 79 - 130        |  |  |  |
| Styrene                                 | 55.4700      | 5.0 | 0.45 | 50.0000        |  | 111        | 81 - 125        |  |  |  |
| tert-Amyl methyl ether                  | 61.6800      | 5.0 | 1.1  | 50.0000        |  | 123        | 50 - 142        |  |  |  |
| tert-Butanol                            | 240.100      | 100 | 11   | 250.000        |  | 96.0       | 0 - 168         |  |  |  |
| tert-Butylbenzene                       | 52.5500      | 5.0 | 0.80 | 50.0000        |  | 105        | 80 - 126        |  |  |  |
| Tetrachloroethene                       | 49.1500      | 5.0 | 0.31 | 50.0000        |  | 98.3       | 76 - 127        |  |  |  |
| Toluene                                 | 54.5700      | 5.0 | 0.27 | 50.0000        |  | 109        | 79 - 119        |  |  |  |
| trans-1,2-Dichloroethene                | 51.5200      | 5.0 | 0.56 | 50.0000        |  | 103        | 66 - 128        |  |  |  |
| trans-1,3-Dichloropropene               | 53.3200      | 5.0 | 0.59 | 50.0000        |  | 107        | 76 - 117        |  |  |  |
| Trichloroethene                         | 54.0400      | 5.0 | 0.32 | 50.0000        |  | 108        | 81 - 120        |  |  |  |
| Trichlorofluoromethane                  | 56.0900      | 5.0 | 1.0  | 50.0000        |  | 112        | 63 - 138        |  |  |  |
| Vinyl acetate                           | 559.470      | 50  | 6.0  | 500.000        |  | 112        | 60 - 149        |  |  |  |
| Vinyl chloride                          | 51.9400      | 5.0 | 0.92 | 50.0000        |  | 104        | 58 - 142        |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>58.82</i> |     |      | <i>50.0000</i> |  | <i>118</i> | <i>58 - 160</i> |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>53.80</i> |     |      | <i>50.0000</i> |  | <i>108</i> | <i>72 - 121</i> |  |  |  |
| <i>Surrogate: Dibromofluoromethan</i>   | <i>55.91</i> |     |      | <i>50.0000</i> |  | <i>112</i> | <i>75 - 139</i> |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>53.11</i> |     |      | <i>50.0000</i> |  | <i>106</i> | <i>84 - 115</i> |  |  |  |

**LCS Dup (B0G0242-BSD1)**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                             |         |     |      |         |  |      |          |        |    |  |
|-----------------------------|---------|-----|------|---------|--|------|----------|--------|----|--|
| 1,1,1,2-Tetrachloroethane   | 51.8400 | 5.0 | 0.52 | 50.0000 |  | 104  | 80 - 114 | 0.135  | 20 |  |
| 1,1,1-Trichloroethane       | 56.8000 | 5.0 | 0.26 | 50.0000 |  | 114  | 71 - 127 | 4.59   | 20 |  |
| 1,1,2,2-Tetrachloroethane   | 45.2200 | 5.0 | 0.21 | 50.0000 |  | 90.4 | 73 - 113 | 0.968  | 20 |  |
| 1,1,2-Trichloroethane       | 53.9500 | 5.0 | 0.40 | 50.0000 |  | 108  | 78 - 112 | 2.08   | 20 |  |
| 1,1-Dichloroethane          | 55.3100 | 5.0 | 1.4  | 50.0000 |  | 111  | 73 - 123 | 2.17   | 20 |  |
| 1,1-Dichloroethene          | 49.6700 | 5.0 | 1.9  | 50.0000 |  | 99.3 | 59 - 139 | 0.545  | 20 |  |
| 1,1-Dichloropropene         | 54.0700 | 5.0 | 0.54 | 50.0000 |  | 108  | 78 - 131 | 6.00   | 20 |  |
| 1,2,3-Trichloropropane      | 46.6400 | 5.0 | 0.40 | 50.0000 |  | 93.3 | 71 - 117 | 2.23   | 20 |  |
| 1,2,3-Trichlorobenzene      | 52.1500 | 5.0 | 0.83 | 50.0000 |  | 104  | 68 - 134 | 6.39   | 20 |  |
| 1,2,4-Trichlorobenzene      | 49.6900 | 5.0 | 0.80 | 50.0000 |  | 99.4 | 72 - 141 | 0.222  | 20 |  |
| 1,2,4-Trimethylbenzene      | 54.3300 | 5.0 | 0.91 | 50.0000 |  | 109  | 81 - 122 | 0.0736 | 20 |  |
| 1,2-Dibromo-3-chloropropane | 48.7300 | 10  | 1.1  | 50.0000 |  | 97.5 | 64 - 134 | 12.1   | 20 |  |
| 1,2-Dibromoethane           | 52.8800 | 5.0 | 0.40 | 50.0000 |  | 106  | 78 - 113 | 5.22   | 20 |  |



# Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137

Report To : Heather Fields

Reported : 07/17/2020

## Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control (cont'd)

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec<br>% Rec | % Rec<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|

### Batch B0G0242 - MSVOA\_S (continued)

#### LCS Dup (B0G0242-BSD1) - Continued

Prepared: 7/15/2020 Analyzed: 7/15/2020

|                         |         |     |      |         |  |      |          |        |    |  |
|-------------------------|---------|-----|------|---------|--|------|----------|--------|----|--|
| 1,2-Dichlorobenzene     | 50.6800 | 5.0 | 0.21 | 50.0000 |  | 101  | 79 - 119 | 0.0395 | 20 |  |
| 1,2-Dichloroethane      | 51.9800 | 5.0 | 0.50 | 50.0000 |  | 104  | 62 - 126 | 3.15   | 20 |  |
| 1,2-Dichloropropane     | 53.6400 | 5.0 | 0.46 | 50.0000 |  | 107  | 77 - 120 | 8.51   | 20 |  |
| 1,3,5-Trimethylbenzene  | 54.5400 | 5.0 | 0.70 | 50.0000 |  | 109  | 80 - 123 | 0.0916 | 20 |  |
| 1,3-Dichlorobenzene     | 52.1600 | 5.0 | 0.36 | 50.0000 |  | 104  | 80 - 118 | 4.41   | 20 |  |
| 1,3-Dichloropropane     | 51.4000 | 5.0 | 0.49 | 50.0000 |  | 103  | 80 - 114 | 4.27   | 20 |  |
| 1,4-Dichlorobenzene     | 51.7200 | 5.0 | 0.27 | 50.0000 |  | 103  | 80 - 117 | 1.76   | 20 |  |
| 2,2-Dichloropropane     | 54.8300 | 5.0 | 0.28 | 50.0000 |  | 110  | 66 - 133 | 1.67   | 20 |  |
| 2-Chlorotoluene         | 50.8300 | 5.0 | 0.53 | 50.0000 |  | 102  | 79 - 117 | 0.764  | 20 |  |
| 4-Chlorotoluene         | 52.0300 | 5.0 | 0.40 | 50.0000 |  | 104  | 80 - 117 | 0.289  | 20 |  |
| 4-Isopropyltoluene      | 55.2100 | 5.0 | 0.81 | 50.0000 |  | 110  | 81 - 130 | 0.545  | 20 |  |
| Benzene                 | 53.0500 | 5.0 | 0.36 | 50.0000 |  | 106  | 79 - 116 | 2.38   | 20 |  |
| Bromobenzene            | 48.7100 | 5.0 | 0.62 | 50.0000 |  | 97.4 | 76 - 113 | 0.308  | 20 |  |
| Bromochloromethane      | 56.5800 | 5.0 | 0.30 | 50.0000 |  | 113  | 74 - 113 | 1.01   | 20 |  |
| Bromodichloromethane    | 53.1200 | 5.0 | 0.52 | 50.0000 |  | 106  | 74 - 115 | 2.19   | 20 |  |
| Bromoform               | 56.3100 | 5.0 | 1.4  | 50.0000 |  | 113  | 70 - 118 | 4.45   | 20 |  |
| Bromomethane            | 65.5100 | 5.0 | 2.5  | 50.0000 |  | 131  | 41 - 170 | 1.79   | 20 |  |
| Carbon disulfide        | 55.5000 | 5.0 | 0.94 | 50.0000 |  | 111  | 53 - 139 | 3.15   | 20 |  |
| Carbon tetrachloride    | 51.6100 | 5.0 | 0.73 | 50.0000 |  | 103  | 71 - 131 | 0.580  | 20 |  |
| Chlorobenzene           | 49.7700 | 5.0 | 0.42 | 50.0000 |  | 99.5 | 83 - 114 | 1.21   | 20 |  |
| Chloroethane            | 58.2600 | 5.0 | 1.5  | 50.0000 |  | 117  | 61 - 165 | 0.291  | 20 |  |
| Chloroform              | 56.2900 | 5.0 | 0.24 | 50.0000 |  | 113  | 73 - 117 | 3.99   | 20 |  |
| Chloromethane           | 54.1600 | 5.0 | 1.1  | 50.0000 |  | 108  | 51 - 147 | 9.80   | 20 |  |
| cis-1,2-Dichloroethene  | 55.3700 | 5.0 | 0.20 | 50.0000 |  | 111  | 73 - 121 | 5.36   | 20 |  |
| cis-1,3-Dichloropropene | 49.3200 | 5.0 | 0.39 | 50.0000 |  | 98.6 | 81 - 136 | 1.09   | 20 |  |
| Di-isopropyl ether      | 56.5000 | 5.0 | 1.9  | 50.0000 |  | 113  | 66 - 126 | 7.91   | 20 |  |
| Dibromochloromethane    | 51.3100 | 5.0 | 0.81 | 50.0000 |  | 103  | 77 - 114 | 0.311  | 20 |  |
| Dibromomethane          | 53.2400 | 5.0 | 0.23 | 50.0000 |  | 106  | 78 - 110 | 3.21   | 20 |  |
| Dichlorodifluoromethane | 53.4800 | 5.0 | 0.14 | 50.0000 |  | 107  | 22 - 172 | 8.82   | 20 |  |
| Ethyl Acetate           | 573.000 | 50  | 7.0  | 500.000 |  | 115  | 48 - 147 | 3.05   | 20 |  |
| Ethyl Ether             | 540.610 | 50  | 17   | 500.000 |  | 108  | 40 - 155 | 2.72   | 20 |  |
| Ethyl tert-butyl ether  | 69.9600 | 5.0 | 0.85 | 50.0000 |  | 140  | 50 - 150 | 5.31   | 20 |  |
| Ethylbenzene            | 53.8800 | 5.0 | 0.43 | 50.0000 |  | 108  | 73 - 128 | 1.36   | 20 |  |
| Freon-113               | 51.8300 | 5.0 | 1.3  | 50.0000 |  | 104  | 60 - 144 | 0.755  | 20 |  |
| Hexachlorobutadiene     | 47.5500 | 5.0 | 0.40 | 50.0000 |  | 95.1 | 72 - 147 | 2.79   | 20 |  |
| Isopropylbenzene        | 51.9000 | 5.0 | 0.79 | 50.0000 |  | 104  | 79 - 134 | 0.929  | 20 |  |
| m,p-Xylene              | 110.700 | 10  | 0.98 | 100.000 |  | 111  | 79 - 128 | 0.299  | 20 |  |
| Methylene chloride      | 56.9800 | 5.0 | 2.2  | 50.0000 |  | 114  | 60 - 131 | 5.13   | 20 |  |
| MTBE                    | 60.4200 | 5.0 | 0.81 | 50.0000 |  | 121  | 57 - 131 | 2.80   | 20 |  |
| n-Butylbenzene          | 52.9800 | 5.0 | 1.2  | 50.0000 |  | 106  | 82 - 134 | 0.283  | 20 |  |
| n-Propylbenzene         | 53.9600 | 5.0 | 0.78 | 50.0000 |  | 108  | 78 - 127 | 0.968  | 20 |  |
| Naphthalene             | 47.3400 | 5.0 | 1.1  | 50.0000 |  | 94.7 | 67 - 131 | 3.79   | 20 |  |



## Certificate of Analysis

Waterstone Environmental, Inc.  
 2936 East Coronado Street  
 Anaheim, CA 92806

Project Number : Birtcher - Rialto, 20-137  
 Report To : Heather Fields  
 Reported : 07/17/2020

### Volatile Organic Compounds by EPA 5035 / EPA 8260B - Quality Control (cont'd)

| Analyte | Result<br>(ug/kg) | PQL<br>(ug/kg) | MDL<br>(ug/kg) | Spike<br>Level | Source<br>Result | % Rec<br>% Rec | % Rec<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|
|---------|-------------------|----------------|----------------|----------------|------------------|----------------|-----------------|-----|--------------|-------|

**Batch B0G0242 - MSVOA\_S (continued)**

**LCS Dup (B0G0242-BSD1) - Continued**

Prepared: 7/15/2020 Analyzed: 7/15/2020

|   |              |     |      |                |  |            |                 |       |    |  |
|---|--------------|-----|------|----------------|--|------------|-----------------|-------|----|--|
| o-Xylene                                | 55.4500      | 5.0 | 0.67 | 50.0000        |  | 111        | 79 - 126        | 0.434 | 20 |  |
| sec-Butylbenzene                        | 53.4700      | 5.0 | 0.63 | 50.0000        |  | 107        | 79 - 130        | 0.243 | 20 |  |
| Styrene                                 | 58.0000      | 5.0 | 0.45 | 50.0000        |  | 116        | 81 - 125        | 4.46  | 20 |  |
| tert-Amyl methyl ether                  | 63.9700      | 5.0 | 1.1  | 50.0000        |  | 128        | 50 - 142        | 3.65  | 20 |  |
| tert-Butanol                            | 237.340      | 100 | 11   | 250.000        |  | 94.9       | 0 - 168         | 1.16  | 20 |  |
| tert-Butylbenzene                       | 52.6800      | 5.0 | 0.80 | 50.0000        |  | 105        | 80 - 126        | 0.247 | 20 |  |
| Tetrachloroethene                       | 51.2900      | 5.0 | 0.31 | 50.0000        |  | 103        | 76 - 127        | 4.26  | 20 |  |
| Toluene                                 | 56.5300      | 5.0 | 0.27 | 50.0000        |  | 113        | 79 - 119        | 3.53  | 20 |  |
| trans-1,2-Dichloroethene                | 54.6100      | 5.0 | 0.56 | 50.0000        |  | 109        | 66 - 128        | 5.82  | 20 |  |
| trans-1,3-Dichloropropene               | 56.7800      | 5.0 | 0.59 | 50.0000        |  | 114        | 76 - 117        | 6.29  | 20 |  |
| Trichloroethene                         | 54.3600      | 5.0 | 0.32 | 50.0000        |  | 109        | 81 - 120        | 0.590 | 20 |  |
| Trichlorofluoromethane                  | 55.1000      | 5.0 | 1.0  | 50.0000        |  | 110        | 63 - 138        | 1.78  | 20 |  |
| Vinyl acetate                           | 583.110      | 50  | 6.0  | 500.000        |  | 117        | 60 - 149        | 4.14  | 20 |  |
| Vinyl chloride                          | 56.7400      | 5.0 | 0.92 | 50.0000        |  | 113        | 58 - 142        | 8.83  | 20 |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>59.60</i> |     |      | <i>50.0000</i> |  | <i>119</i> | <i>58 - 160</i> |       |    |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>56.73</i> |     |      | <i>50.0000</i> |  | <i>113</i> | <i>72 - 121</i> |       |    |  |
| <i>Surrogate: Dibromofluoromethane</i>  | <i>57.35</i> |     |      | <i>50.0000</i> |  | <i>115</i> | <i>75 - 139</i> |       |    |  |
| <i>Surrogate: Toluene-d8</i>            | <i>56.64</i> |     |      | <i>50.0000</i> |  | <i>113</i> | <i>84 - 115</i> |       |    |  |



## Certificate of Analysis

Waterstone Environmental, Inc.  
2936 East Coronado Street  
Anaheim , CA 92806

Project Number : Birtcher - Rialto, 20-137  
Report To : Heather Fields  
Reported : 07/17/2020

### Notes and Definitions

|     |   |
|-----|---|
| S12 | Surrogate recovery outside in-house established limit but within method default criteria.   |
| S10 | Surrogate recovery was outside of laboratory acceptance limit due to possible matrix interference.  |
| ND  | Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL) |
| PQL | Practical Quantitation Limit  |
| MDL | Method Detection Limit  |
| NR  | Not Reported  |
| RPD | Relative Percent Difference   |
| CA2 | CA-ELAP (CDPH)  |
| OR1 | OR-NELAP (OSPHL)  |

#### Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.



# CHAIN OF CUSTODY RECORD

Instruction: Complete all shaded areas.

|                                 |                                 |                           |                                       |
|---------------------------------|---------------------------------|---------------------------|---------------------------------------|
| For Laboratory Use Only         |                                 | ATLCOG Ver:20180          |                                       |
| Method of Transport             | Sample Conditions Upon Receipt  |                           |                                       |
|                                 | Condition                       | Y                         | N                                     |
| <input type="checkbox"/> Client | <input type="checkbox"/> ATL    | 1. CHILLED                | <input checked="" type="checkbox"/> Y |
| <input type="checkbox"/> FedEx  | <input type="checkbox"/> OnTrac | 2. HEADSPACE (VOA)        | <input type="checkbox"/> N            |
| <input type="checkbox"/> GSO    |                                 | 3. CONTAINER INTACT       | <input checked="" type="checkbox"/> Y |
| <input type="checkbox"/> Other: |                                 | 4. SEALED                 | <input checked="" type="checkbox"/> Y |
|                                 |                                 | 5. # OF SAMPLES MATCH COC | <input checked="" type="checkbox"/> Y |
|                                 |                                 | 6. PRESERVED              | <input checked="" type="checkbox"/> Y |
|                                 |                                 | 7. COOLER TEMP, deg C     | <input checked="" type="checkbox"/> Y |
|                                 |                                 | 8. [unclear]              | <input checked="" type="checkbox"/> Y |

|                 |               |                          |                            |                    |          |   |                           |
|-----------------|---------------|--------------------------|----------------------------|--------------------|----------|---|---------------------------|
| CUSTOMER        | Company:      | Waterstone Environmental | Address:                   | 2936 E Coronado St | Tel:     | 714-414-1122                                    |                           |
|                 | Attn:         | H. Fields                | City:                      | Anaheim            | State:   | CA  |                           |
|                 | Company:      | Same as above            | Zip:                       | 92806              | Fax:     | 714-414-1166                                    |                           |
|                 | Address:      | Same as above            |                            |                    |          |   |                           |
| SEND REPORT TO: |               |                          | SEND INVOICE TO:           |                    |          | <input type="checkbox"/> same as SEND REPORT TO |                           |
| Attn:           | H. Fields     | Email:                   | hfields@waterstone-env.com | Attn:              | J. Depew | Email:  | jdepew@waterstone-env.com |
| Company:        | Same as above |                          |                            |                    |          |   |                           |
| Address:        | Same as above |                          |                            |                    |          |   |                           |
| City:           |               | State:                   |                            | City:              |          | Zip:  |                           |

|                                |                                   |
|--------------------------------|-----------------------------------|
| EDD                            | QA/QC                             |
| <input type="checkbox"/> Excel | <input type="checkbox"/> Routine  |
| <input type="checkbox"/> EDF   | <input type="checkbox"/> Caltrans |
| <input type="checkbox"/> Equis | <input type="checkbox"/> Legal    |
| <input type="checkbox"/>       | <input type="checkbox"/> RWQCB    |
| <input type="checkbox"/>       | <input type="checkbox"/> Level IV |

|                 |                                  |                    |           |      |                                |            |            |                                  |             |                       |                               |       |         |      |       |             |            |     |                       |          |  |                                       |  |         |
|-----------------|----------------------------------|--------------------|-----------|------|--------------------------------|------------|------------|----------------------------------|-------------|-----------------------|-------------------------------|-------|---------|------|-------|-------------|------------|-----|-----------------------|----------|--|---------------------------------------|--|---------|
| PROJECT SAMPLES | Project Name:                    | Birtcher - Rialto  | Quote #:  |      | Special Instructions/Comments: |            |            |                                  |             |                       |                               |       |         |      |       |             |            |     |                       |          |  |                                       |  |         |
|                 | Project No.:                     | 20-137             | PO #:     |      |                                |            |            |                                  |             |                       |                               |       |         |      |       |             |            |     |                       |          |  |                                       |  |         |
|                 | Sampler:                         | M. Dumont          |           |      |                                |            |            |                                  |             |                       |                               |       |         |      |       |             |            |     |                       |          |  |                                       |  |         |
|                 | Requested Analysis               | Sample Matrix      | Container |      |                                |            |            |                                  |             |                       |                               |       |         |      |       |             |            |     |                       |          |  |                                       |  |         |
| ITEM            | Laboratory ID (For Lab Use Only) | Sample Description | Date      | Time | 8260 / 624 (Volatiles)         | 8015 (GRO) | 8015 (DRO) | 8081 (Organochlorine Pesticides) | 8082 (PCBs) | 8270 (Semi-volatiles) | 6010 / 7000 (Title 22 Metals) | TO-15 | ARCHIVE | SOIL | SOLID | GROUNDWATER | WASTEWATER | OIL | Turnaround Time (TAT) | Quantity | Type: 1=Tube; 2=VOA; 3=Filter; 4=Print; 5=Jar; 6=Bedlar; 7=Cantest | Material: 1=Glass; 2=Plastic; 3=Metal | Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=AC; 5=ZnCl2; 6=NaOH; 7=MA25203 | Remarks |
| 1               | 2001692-01                       | SV-19-24           | 7/13/20   | 0800 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 2               | .02                              | SV-19-30           |           | 0815 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 3               | .03                              | SV-19-35           |           | 0830 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 4               | .04                              | SV-15-9            |           | 0915 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 5               | .05                              | SV-15-15           |           | 0925 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 6               | .06                              | SV-15-30           |           | 0935 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 7               | .07                              | SV-17-5            |           | 1025 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 8               | .08                              | SV-17-15           |           | 1035 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 9               | .09                              | SV-17-30           |           | 1045 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |
| 10              | .10                              | SV-18-5            |           | 1140 |                                |            |            |                                  |             |                       |                               |       | X       |      |       |             |            |     |                       | 4 1/2    | 1/2  | X                                     |  |         |

|  |   |  |  |
|--|---|--|--|
| TERMS  | 1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.  | 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.   | 10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction procedure. |
|  | 2. Samples submitted AFTER 3:00 PM are considered received the following business day at 8:00 AM.   | 7. Electronic records maintained for five (5) years from report date.  | 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.              |
| 3. The following turnaround time conditions apply:   | 8. Hard copy reports will be disposed of after 45 calendar days from report date.   | 12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used. |  |
| TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM  | 9. Storage and Report Fees:   |  |  |
| TAT = 1 : 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)   | • Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested. |  |  |
| TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)   | • Air samples: Complimentary storage for ten (10) calendar days from receipt of samples;  |  |  |
| TAT = 3 : 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)   | \$20 sample/week if extended storage is requested.  |  |  |
| TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)   | • Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per   |  |  |
| TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)  |   |  |  |
| 4. Weekend, holiday, after-hours work --- ask for quote.   |   |  |  |
| 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective |   |  |  |

|         |   |       |       |   |       |       |
|---------|---|-------|-------|---|-------|-------|
| CUSTODY | Relinquished by: (Signature and Printed Name) | Date: | Time: | Received by: (Signature and Printed Name) | Date: | Time: |
|         | Relinquished by: (Signature and Printed Name) | Date: | Time: | Received by: (Signature and Printed Name) | Date: | Time: |
|         | Relinquished by: (Signature and Printed Name) | Date: | Time: | Received by: (Signature and Printed Name) | Date: | Time: |

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Printed Name: Matt Dumont Signature: [Signature]

# CHAIN OF CUSTODY RECORD

Page 2 of 2

|                                 |                                 |                                |  |
|---------------------------------|---------------------------------|--------------------------------|--|
| Method of Transport             |                                 | Sample Conditions Upon Receipt |  |
| <input type="checkbox"/> Client | <input type="checkbox"/> ATL    | Condition                      | Y N  |
| <input type="checkbox"/> FedEx  | <input type="checkbox"/> OnTrac | 1. CHILLED                     | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| <input type="checkbox"/> GSO    |                                 | 2. HEADSPACE (VOA)             | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| <input type="checkbox"/> Other: |                                 | 3. CONTAINER INTACT            | <input checked="" type="checkbox"/> <input type="checkbox"/> |
|                                 |                                 | 4. SEALED                      | <input type="checkbox"/> <input checked="" type="checkbox"/> |
|                                 |                                 | 5. # OF SAMPLES MATCH COC      | <input checked="" type="checkbox"/>                          |
|                                 |                                 | 6. PRESERVED                   | <input checked="" type="checkbox"/>                          |
|                                 |                                 | 7. COOLER TEMP, deg C:         | 4.6  |
|                                 |                                 |                                | 16   |

Instruction: Complete all shaded areas.

|                                     |   |                                     |   |  |   |  |
|-------------------------------------|---|-------------------------------------|---|--|---|--|
| CUSTOMER                            | Company: <u>Waterstone Environmental</u>  |                                     | Address: <u>2936 E Coronado St</u>                            |  | Tel: <u>714-414-1122</u>  |  |
|                                     | SEND REPORT TO: Attn: <u>H. Fields</u> Email: <u>hfields@waterstone-env.com</u> |                                     | City: <u>Anaheim</u> State: <u>CA</u> Zip: <u>92805</u>       |  | Fax: <u>714-414-1166</u>  |  |
|                                     | SEND INVOICE TO: Attn: <u>J. Depew</u> Email: <u>jdepew@waterstone-env.com</u>  |                                     | City: <u>Same as above</u> State: <u>CA</u> Zip: <u>92805</u> |  | <input type="checkbox"/> same as SEND REPORT TO<br>EDD <input type="checkbox"/> Excel <input type="checkbox"/> Routine<br><input type="checkbox"/> EDF <input type="checkbox"/> Caltrans<br><input type="checkbox"/> Equis <input type="checkbox"/> Legal<br><input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV |  |
|                                     | Company: <u>Same as above</u>   |                                     | Address: <u>Same as above</u>                                 |  |   |  |
| City: _____ State: _____ Zip: _____ |   | City: _____ State: _____ Zip: _____ |   |  |   |  |

| PROJECT SAMPLES | Project Name: <u>Birtcher - Rialto</u> |                                  | Quote #:             | Special Instructions/Comments: |             | Requested Analysis     |            |            |                                  |             |                       |                               |       |          |      | Sample Matrix |             |            |     | Container             |          |                  |          |
|-----------------|--|----------------------------------|----------------------|--------------------------------|-------------|------------------------|------------|------------|----------------------------------|-------------|-----------------------|-------------------------------|-------|----------|------|---------------|-------------|------------|-----|-----------------------|----------|------------------|----------|
|                 | Project No.: <u>20-137</u>             |                                  | PO #:                |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
|                 | Sampler: <u>M. Dumont</u>              |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
|                 | ITEM                                   | Laboratory ID (For Lab Use Only) | Sample ID / Location | Date                           | Time        | 8260 / 624 (Volatiles) | 8015 (GRO) | 8015 (DRO) | 8081 (Organochlorine Pesticides) | 8082 (PCBs) | 8270 (Semi-volatiles) | 6010 / 7000 (Title 22 Metals) | TO-15 | As shown | SOIL | SOLID         | GROUNDWATER | WASTEWATER | OIL | Turnaround Time (TAT) | Quantity | Remarks          |          |
|                 | 1                                      | <u>2001092-11</u>                | <u>SV-18-15</u>      | <u>7/13/20</u>                 | <u>1200</u> |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          | <u>4 1/2 1/2</u> | <u>X</u> |
|                 | 2                                      | <u>12</u>                        | <u>SV-18-30</u>      | <u>7/13/20</u>                 | <u>1305</u> |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          | <u>4 1/2 1/2</u> | <u>X</u> |
|                 | 3                                      | <u>13</u>                        | <u>SV-16-5</u>       | <u>7/13/20</u>                 | <u>1345</u> |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          | <u>4 1/2 1/2</u> | <u>X</u> |
|                 | 4                                      | <u>14</u>                        | <u>SV-16-15</u>      | <u>7/13/20</u>                 | <u>1355</u> |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          | <u>4 1/2 1/2</u> | <u>X</u> |
|                 | 5                                      | <u>15</u>                        | <u>Drum-1</u>        | <u>7/13/20</u>                 | <u>1415</u> |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          | <u>4 1/2 1/2</u> | <u>X</u> |
|                 | 6                                      |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
| 7               |  |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
| 8               |  |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
| 9               |  |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |
| 10              |  |                                  |                      |                                |             |                        |            |            |                                  |             |                       |                               |       |          |      |               |             |            |     |                       |          |                  |          |

**TERMS**

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.  
 2. Samples submitted AFTER 3:00 PM are considered received the following business day at 8:00 AM.  
 3. The following turnaround time conditions apply:  
 TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM  
 TAT = 1 : 200% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)  
 TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)  
 TAT = 3 : 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)  
 TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)  
 TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)  
 4. Weekend, holiday, after-hours work --- ask for quote.  
 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.  
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.  
 7. Electronic records maintained for five (5) years from report date.  
 8. Hard copy reports will be disposed of after 45 calendar days from report date.  
 9. Storage and Report Fees:  
 • Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.  
 • Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20 sample/week if extended storage is requested.  
 • Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformatted report; \$35 per reprocessed EDD.  
 10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction procedure.  
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.  
 12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used.

|         |  |   |  |
|---------|--|---|--|
| CUSTODY | Relinquished by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7/14/20</u> Time: <u>12:54</u> | Received by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7/14/20</u> Time: <u>1:25</u> | As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.<br><br><u>Matt Dumont</u><br>Printed Name<br><u>[Signature]</u><br>Signature |
|         | Relinquished by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7/14/20</u> Time: <u>13:26</u> | Received by: (Signature and Printed Name) <u>[Signature]</u> Date: <u>7/14/20</u> Time: <u>1:26</u> |  |
|         | Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____                              | Received by: (Signature and Printed Name) _____ Date: _____ Time: _____                             |  |

# RE: Birtcher - Rialto, 20-137

Heather Fields <hfields@waterstone-env.com>

Wed 7/15/2020 12:19 PM

To: Project.Management@atlglobal.com <Project.Management@atlglobal.com>;

Cc: Mark Shifflett <mshifflett@waterstone-env.com>; Matthew Dumont <mdumont@waterstone-env.com>;

Hello,

Thankyou for the sample receipt information.

Can you please run VOC analysis on the following samples:

SV-19-24

SV-19-30

SV-19-35

Thank you,

Heather

## Heather Fields

*Senior Environmental Scientist*

**Waterstone Environmental, Inc.**

(714) 414-1122 Ext. 226 (Office)

(714) 414-1166 (Fax)

(530) 391-0600 (Cell)

[hfields@waterstone-env.com](mailto:hfields@waterstone-env.com)

Please use the following link to send attachments that are greater than 10 MB:

<https://dropbox.hightail.com/WaterstoneEnvironmental>

---

**From:** ATL Project Management <Project.Management@ATLGlobal.com>

**Sent:** Wednesday, July 15, 2020 11:00 AM

**To:** Heather Fields <hfields@waterstone-env.com>

**Subject:** Birtcher - Rialto, 20-137

Dear Heather Fields,

Your requested analyses have been logged-in according to your COC, reviewed by Sample Control, and confirmed by Project Management.

Please take a moment to verify that all analyses have been logged correctly, according to your project scope. Any modifications must be submitted as soon as possible, as we will begin processing your samples immediately to help ensure timely delivery of your results.

Receipt confirmation for:

Project Name: **Birtcher - Rialto, 20-137**

Received Date/Time: **07/14/20 12:54**

ATL Work Order: **2001692**



714-449-9937  
562-646-1611  
805-399-0060

11007 FOREST PLACE  
SANTA FE SPRINGS, CA 90670  
WWW.JONESENV.COM

## JONES ENVIRONMENTAL LABORATORY RESULTS

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

---

### ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of collection.

Approval: \_\_\_\_\_

Annalise O'Toole



714-449-9937 | 11007 FOREST PLACE  
 562-646-1611 | SANTA FE SPRINGS, CA 90670  
 805-399-0060 | WWW.JONESENV.COM

**JONES ENVIRONMENTAL LABORATORY RESULTS**

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

**EPA 8260B – Volatile Organics by GC/MS + Oxygenates**

| <u>Sample ID:</u>           | SV-3-30'  | SV-3-30'<br>REP | SV-18-5'  | SV-18-15' | SV-17-5'  |                        |              |
|-----------------------------|-----------|-----------------|-----------|-----------|-----------|------------------------|--------------|
| <u>Jones ID:</u>            | G-0168-01 | G-0168-02       | G-0168-03 | G-0168-04 | G-0168-05 | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>            |           |                 |           |           |           |                        |              |
| Benzene                     | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromobenzene                | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromodichloromethane        | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromoform                   | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| n-Butylbenzene              | ND        | ND              | ND        | ND        | ND        | 12                     | µg/m3        |
| sec-Butylbenzene            | ND        | ND              | ND        | ND        | ND        | 12                     | µg/m3        |
| tert-Butylbenzene           | ND        | ND              | ND        | ND        | ND        | 12                     | µg/m3        |
| Carbon tetrachloride        | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Chlorobenzene               | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Chloroform                  | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 2-Chlorotoluene             | ND        | ND              | ND        | ND        | ND        | 12                     | µg/m3        |
| 4-Chlorotoluene             | ND        | ND              | ND        | ND        | ND        | 12                     | µg/m3        |
| Dibromochloromethane        | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromo-3-chloropropane | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromoethane (EDB)     | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| Dibromomethane              | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2- Dichlorobenzene        | ND        | ND              | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,3-Dichlorobenzene         | ND        | ND              | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,4-Dichlorobenzene         | ND        | ND              | ND        | ND        | ND        | 16                     | µg/m3        |
| Dichlorodifluoromethane     | ND        | ND              | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloroethane          | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloroethane          | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,1-Dichloroethene          | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| cis-1,2-Dichloroethene      | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| trans-1,2-Dichloroethene    | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloropropane         | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,3-Dichloropropane         | ND        | ND              | ND        | ND        | ND        | 8                      | µg/m3        |
| 2,2-Dichloropropane         | ND        | ND              | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloropropene         | ND        | ND              | ND        | ND        | ND        | 10                     | µg/m3        |

## JONES ENVIRONMENTAL LABORATORY RESULTS

### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>                   | SV-3-30'         | SV-3-30'<br>REP  | SV-18-5'         | SV-18-15'        | SV-17-5'         |                         |              |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------------|--------------|
| <u>Jones ID:</u>                    | G-0168-01        | G-0168-02        | G-0168-03        | G-0168-04        | G-0168-05        | <u>Reporting Limit</u>  | <u>Units</u> |
| <b>Analytes:</b>                    |                  |                  |                  |                  |                  |                         |              |
| cis-1,3-Dichloropropene             | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| trans-1,3-Dichloropropene           | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Ethylbenzene                        | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Freon 113                           | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| Hexachlorobutadiene                 | ND               | ND               | ND               | ND               | ND               | 24                      | µg/m3        |
| Isopropylbenzene                    | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 4-Isopropyltoluene                  | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Methylene chloride                  | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Naphthalene                         | ND               | ND               | ND               | ND               | ND               | 40                      | µg/m3        |
| n-Propylbenzene                     | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Styrene                             | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,1,1,2-Tetrachloroethane           | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,1,2,2-Tetrachloroethane           | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| Tetrachloroethene                   | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Toluene                             | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,2,3-Trichlorobenzene              | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| 1,2,4-Trichlorobenzene              | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| 1,1,1-Trichloroethane               | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,1,2-Trichloroethane               | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Trichloroethene                     | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Trichlorofluoromethane              | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| 1,2,3-Trichloropropane              | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,2,4-Trimethylbenzene              | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| 1,3,5-Trimethylbenzene              | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| Vinyl chloride                      | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| m,p-Xylene                          | ND               | ND               | ND               | ND               | ND               | 16                      | µg/m3        |
| o-Xylene                            | ND               | ND               | ND               | ND               | ND               | 8                       | µg/m3        |
| MTBE                                | ND               | ND               | ND               | ND               | ND               | 40                      | µg/m3        |
| Ethyl-tert-butylether               | ND               | ND               | ND               | ND               | ND               | 40                      | µg/m3        |
| Di-isopropylether                   | ND               | ND               | ND               | ND               | ND               | 40                      | µg/m3        |
| tert-amylmethylether                | ND               | ND               | ND               | ND               | ND               | 40                      | µg/m3        |
| tert-Butylalcohol                   | ND               | ND               | ND               | ND               | ND               | 400                     | µg/m3        |
| <b>Tracer:</b>                      |                  |                  |                  |                  |                  |                         |              |
| n-Pentane                           | ND               | ND               | ND               | ND               | ND               | 80                      | µg/m3        |
| n-Hexane                            | ND               | ND               | ND               | ND               | ND               | 80                      | µg/m3        |
| n-Heptane                           | ND               | ND               | ND               | ND               | ND               | 80                      | µg/m3        |
| <b><u>Dilution Factor</u></b>       | 1                | 1                | 1                | 1                | 1                |                         |              |
| <b><u>Surrogate Recoveries:</u></b> |                  |                  |                  |                  |                  | <b><u>QC Limits</u></b> |              |
| Dibromofluoromethane                | 105%             | 99%              | 104%             | 104%             | 100%             | 60 - 140                |              |
| Toluene-d8                          | 97%              | 101%             | 98%              | 98%              | 100%             | 60 - 140                |              |
| 4-Bromofluorobenzene                | 101%             | 104%             | 104%             | 101%             | 105%             | 60 - 140                |              |
| <b><u>Batch ID:</u></b>             | G1-071720-<br>01 | G1-071720-<br>01 | G1-071720-<br>01 | G1-071720-<br>01 | G1-071720-<br>01 |                         |              |

ND = Value below reporting limit



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### JONES ENVIRONMENTAL LABORATORY RESULTS

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

#### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>           | SV-17-15' | SV-17-30' | SV-16-5'  | SV-16-15' | SV-19-30'   |                        |              |
|-----------------------------|-----------|-----------|-----------|-----------|-------------|------------------------|--------------|
| <u>Jones ID:</u>            | G-0168-06 | G-0168-07 | G-0168-08 | G-0168-09 | G-0168-10   | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>            |           |           |           |           |             |                        |              |
| Benzene                     | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Bromobenzene                | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Bromodichloromethane        | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Bromoform                   | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| n-Butylbenzene              | ND        | ND        | ND        | ND        | <b>2210</b> | 12                     | µg/m3        |
| sec-Butylbenzene            | ND        | ND        | ND        | ND        | <b>2890</b> | 12                     | µg/m3        |
| tert-Butylbenzene           | ND        | ND        | ND        | ND        | ND          | 12                     | µg/m3        |
| Carbon tetrachloride        | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Chlorobenzene               | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Chloroform                  | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 2-Chlorotoluene             | ND        | ND        | ND        | ND        | ND          | 12                     | µg/m3        |
| 4-Chlorotoluene             | ND        | ND        | ND        | ND        | ND          | 12                     | µg/m3        |
| Dibromochloromethane        | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,2-Dibromo-3-chloropropane | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,2-Dibromoethane (EDB)     | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| Dibromomethane              | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,2- Dichlorobenzene        | ND        | ND        | ND        | ND        | ND          | 16                     | µg/m3        |
| 1,3-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND          | 16                     | µg/m3        |
| 1,4-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND          | 16                     | µg/m3        |
| Dichlorodifluoromethane     | ND        | ND        | ND        | ND        | ND          | 16                     | µg/m3        |
| 1,1-Dichloroethane          | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,2-Dichloroethane          | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,1-Dichloroethene          | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| cis-1,2-Dichloroethene      | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| trans-1,2-Dichloroethene    | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 1,3-Dichloropropane         | ND        | ND        | ND        | ND        | ND          | 8                      | µg/m3        |
| 2,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND          | 16                     | µg/m3        |
| 1,1-Dichloropropene         | ND        | ND        | ND        | ND        | ND          | 10                     | µg/m3        |

## JONES ENVIRONMENTAL LABORATORY RESULTS

### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>            | SV-17-15'    | SV-17-30'    | SV-16-5'     | SV-16-15'    | SV-19-30'    |                        |              |
|------------------------------|--------------|--------------|--------------|--------------|--------------|------------------------|--------------|
| <u>Jones ID:</u>             | G-0168-06    | G-0168-07    | G-0168-08    | G-0168-09    | G-0168-10    | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>             |              |              |              |              |              |                        |              |
| cis-1,3-Dichloropropene      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| trans-1,3-Dichloropropene    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Ethylbenzene                 | ND           | ND           | ND           | ND           | <b>14000</b> | 8                      | µg/m3        |
| Freon 113                    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Hexachlorobutadiene          | ND           | ND           | ND           | ND           | ND           | 24                     | µg/m3        |
| Isopropylbenzene             | ND           | ND           | ND           | ND           | <b>2930</b>  | 8                      | µg/m3        |
| 4-Isopropyltoluene           | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Methylene chloride           | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Naphthalene                  | ND           | ND           | ND           | ND           | <b>2280</b>  | 40                     | µg/m3        |
| n-Propylbenzene              | ND           | ND           | ND           | ND           | <b>5870</b>  | 8                      | µg/m3        |
| Styrene                      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,1,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Tetrachloroethene            | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Toluene                      | ND           | ND           | <b>13</b>    | ND           | ND           | 8                      | µg/m3        |
| 1,2,3-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,4-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,1,1-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichloroethene              | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichlorofluoromethane       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,3-Trichloropropane       | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,2,4-Trimethylbenzene       | ND           | ND           | ND           | ND           | <b>15900</b> | 8                      | µg/m3        |
| 1,3,5-Trimethylbenzene       | ND           | ND           | ND           | ND           | <b>7430</b>  | 8                      | µg/m3        |
| Vinyl chloride               | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| m,p-Xylene                   | ND           | ND           | ND           | ND           | <b>11100</b> | 16                     | µg/m3        |
| o-Xylene                     | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| MTBE                         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Ethyl-tert-butylether        | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Di-isopropylether            | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-amylmethylether         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-Butylalcohol            | ND           | ND           | ND           | ND           | ND           | 400                    | µg/m3        |
| <b>Tracer:</b>               |              |              |              |              |              |                        |              |
| n-Pentane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Hexane                     | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Heptane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| <u>Dilution Factor</u>       | 1            | 1            | 1            | 1            | 1            |                        |              |
| <b>Surrogate Recoveries:</b> |              |              |              |              |              | <b>QC Limits</b>       |              |
| Dibromofluoromethane         | 100%         | 103%         | 92%          | 102%         | 96%          | 60 - 140               |              |
| Toluene-d8                   | 99%          | 97%          | 99%          | 99%          | 104%         | 60 - 140               |              |
| 4-Bromofluorobenzene         | 104%         | 100%         | 105%         | 106%         | 34%●         | 60 - 140               |              |
| <u>Batch ID:</u>             | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 |                        |              |

ND = Value below reporting limit

● = Hydrocarbon interference prevented adequate surrogate recovery.





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### JONES ENVIRONMENTAL LABORATORY RESULTS

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

#### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>           | SV-15-5'  | SV-15-15' | SV-15-30' | SV-6-5'   | SV-5-5'   |                        |              |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|------------------------|--------------|
| <u>Jones ID:</u>            | G-0168-11 | G-0168-12 | G-0168-13 | G-0168-14 | G-0168-15 | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>            |           |           |           |           |           |                        |              |
| Benzene                     | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromobenzene                | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromodichloromethane        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromoform                   | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| n-Butylbenzene              | 35        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| sec-Butylbenzene            | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| tert-Butylbenzene           | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| Carbon tetrachloride        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Chlorobenzene               | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Chloroform                  | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 2-Chlorotoluene             | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| 4-Chlorotoluene             | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| Dibromochloromethane        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromo-3-chloropropane | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromoethane (EDB)     | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Dibromomethane              | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2- Dichlorobenzene        | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,3-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,4-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| Dichlorodifluoromethane     | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloroethane          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloroethane          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,1-Dichloroethene          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| cis-1,2-Dichloroethene      | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| trans-1,2-Dichloroethene    | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,3-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 2,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloropropene         | ND        | ND        | ND        | ND        | ND        | 10                     | µg/m3        |

## JONES ENVIRONMENTAL LABORATORY RESULTS

### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>            | SV-15-5'     | SV-15-15'    | SV-15-30'    | SV-6-5'      | SV-5-5'      |                        |              |
|------------------------------|--------------|--------------|--------------|--------------|--------------|------------------------|--------------|
| <u>Jones ID:</u>             | G-0168-11    | G-0168-12    | G-0168-13    | G-0168-14    | G-0168-15    | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>             |              |              |              |              |              |                        |              |
| cis-1,3-Dichloropropene      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| trans-1,3-Dichloropropene    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Ethylbenzene                 | 17           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Freon 113                    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Hexachlorobutadiene          | ND           | ND           | ND           | ND           | ND           | 24                     | µg/m3        |
| Isopropylbenzene             | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 4-Isopropyltoluene           | 13           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Methylene chloride           | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Naphthalene                  | 181          | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| n-Propylbenzene              | 16           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Styrene                      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,1,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Tetrachloroethene            | ND           | ND           | ND           | 17           | ND           | 8                      | µg/m3        |
| Toluene                      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,2,3-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,4-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,1,1-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichloroethene              | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichlorofluoromethane       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,3-Trichloropropane       | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,2,4-Trimethylbenzene       | 166          | 12           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,3,5-Trimethylbenzene       | 31           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Vinyl chloride               | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| m,p-Xylene                   | 40           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| o-Xylene                     | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| MTBE                         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Ethyl-tert-butylether        | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Di-isopropylether            | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-amylmethylether         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-Butylalcohol            | ND           | ND           | ND           | ND           | ND           | 400                    | µg/m3        |
| <b>Tracer:</b>               |              |              |              |              |              |                        |              |
| n-Pentane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Hexane                     | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Heptane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| <u>Dilution Factor</u>       | 1            | 1            | 1            | 1            | 1            |                        |              |
| <b>Surrogate Recoveries:</b> |              |              |              |              |              | <b>QC Limits</b>       |              |
| Dibromofluoromethane         | 92%          | 104%         | 104%         | 100%         | 101%         | 60 - 140               |              |
| Toluene-d8                   | 106%         | 101%         | 99%          | 94%          | 101%         | 60 - 140               |              |
| 4-Bromofluorobenzene         | 96%          | 108%         | 104%         | 101%         | 107%         | 60 - 140               |              |
| <u>Batch ID:</u>             | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 |                        |              |

ND = Value below reporting limit



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**JONES ENVIRONMENTAL LABORATORY RESULTS**

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

**EPA 8260B – Volatile Organics by GC/MS + Oxygenates**

| <u>Sample ID:</u>           | SV-6-15'  | SV-11-5'  | SV-11-15' | SV-3-5'   | SV-3-15'  |                        |              |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|------------------------|--------------|
| <u>Jones ID:</u>            | G-0168-16 | G-0168-17 | G-0168-18 | G-0168-19 | G-0168-20 | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>            |           |           |           |           |           |                        |              |
| Benzene                     | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromobenzene                | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromodichloromethane        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Bromoform                   | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| n-Butylbenzene              | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| sec-Butylbenzene            | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| tert-Butylbenzene           | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| Carbon tetrachloride        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Chlorobenzene               | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Chloroform                  | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 2-Chlorotoluene             | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| 4-Chlorotoluene             | ND        | ND        | ND        | ND        | ND        | 12                     | µg/m3        |
| Dibromochloromethane        | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromo-3-chloropropane | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dibromoethane (EDB)     | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| Dibromomethane              | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2- Dichlorobenzene        | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,3-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,4-Dichlorobenzene         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| Dichlorodifluoromethane     | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloroethane          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloroethane          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,1-Dichloroethene          | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| cis-1,2-Dichloroethene      | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| trans-1,2-Dichloroethene    | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 1,3-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 8                      | µg/m3        |
| 2,2-Dichloropropane         | ND        | ND        | ND        | ND        | ND        | 16                     | µg/m3        |
| 1,1-Dichloropropene         | ND        | ND        | ND        | ND        | ND        | 10                     | µg/m3        |

## JONES ENVIRONMENTAL LABORATORY RESULTS

### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>            | SV-6-15'     | SV-11-5'     | SV-11-15'    | SV-3-5'      | SV-3-15'     |                        |              |
|------------------------------|--------------|--------------|--------------|--------------|--------------|------------------------|--------------|
| <u>Jones ID:</u>             | G-0168-16    | G-0168-17    | G-0168-18    | G-0168-19    | G-0168-20    | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>             |              |              |              |              |              |                        |              |
| cis-1,3-Dichloropropene      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| trans-1,3-Dichloropropene    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Ethylbenzene                 | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Freon 113                    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Hexachlorobutadiene          | ND           | ND           | ND           | ND           | ND           | 24                     | µg/m3        |
| Isopropylbenzene             | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 4-Isopropyltoluene           | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Methylene chloride           | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Naphthalene                  | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| n-Propylbenzene              | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Styrene                      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,1,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2,2-Tetrachloroethane    | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| Tetrachloroethene            | <b>321</b>   | <b>275</b>   | <b>144</b>   | <b>33</b>    | <b>73</b>    | 8                      | µg/m3        |
| Toluene                      | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,2,3-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,4-Trichlorobenzene       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,1,1-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,1,2-Trichloroethane        | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichloroethene              | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Trichlorofluoromethane       | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| 1,2,3-Trichloropropane       | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,2,4-Trimethylbenzene       | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| 1,3,5-Trimethylbenzene       | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| Vinyl chloride               | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| m,p-Xylene                   | ND           | ND           | ND           | ND           | ND           | 16                     | µg/m3        |
| o-Xylene                     | ND           | ND           | ND           | ND           | ND           | 8                      | µg/m3        |
| MTBE                         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Ethyl-tert-butylether        | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| Di-isopropylether            | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-amylmethylether         | ND           | ND           | ND           | ND           | ND           | 40                     | µg/m3        |
| tert-Butylalcohol            | ND           | ND           | ND           | ND           | ND           | 400                    | µg/m3        |
| <b>Tracer:</b>               |              |              |              |              |              |                        |              |
| n-Pentane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Hexane                     | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| n-Heptane                    | ND           | ND           | ND           | ND           | ND           | 80                     | µg/m3        |
| <u>Dilution Factor</u>       | 1            | 1            | 1            | 1            | 1            |                        |              |
| <b>Surrogate Recoveries:</b> |              |              |              |              |              | <b>QC Limits</b>       |              |
| Dibromofluoromethane         | 104%         | 104%         | 107%         | 104%         | 101%         | 60 - 140               |              |
| Toluene-d8                   | 101%         | 101%         | 98%          | 101%         | 97%          | 60 - 140               |              |
| 4-Bromofluorobenzene         | 104%         | 104%         | 102%         | 101%         | 99%          | 60 - 140               |              |
| <u>Batch ID:</u>             | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 | G1-071720-01 |                        |              |

ND = Value below reporting limit



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### JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

#### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>           | <b>METHOD</b>            | <b>SAMPLING</b>          |                        |              |
|-----------------------------|--------------------------|--------------------------|------------------------|--------------|
|                             | <b>BLANK</b>             | <b>BLANK</b>             |                        |              |
|                             | <b>071720-<br/>G1MB1</b> | <b>071720-<br/>G1SB1</b> | <u>Reporting Limit</u> | <u>Units</u> |
| <b>Analytes:</b>            |                          |                          |                        |              |
| Benzene                     | ND                       | ND                       | 8                      | µg/m3        |
| Bromobenzene                | ND                       | ND                       | 8                      | µg/m3        |
| Bromodichloromethane        | ND                       | ND                       | 8                      | µg/m3        |
| Bromoform                   | ND                       | ND                       | 8                      | µg/m3        |
| n-Butylbenzene              | ND                       | ND                       | 12                     | µg/m3        |
| sec-Butylbenzene            | ND                       | ND                       | 12                     | µg/m3        |
| tert-Butylbenzene           | ND                       | ND                       | 12                     | µg/m3        |
| Carbon tetrachloride        | ND                       | ND                       | 8                      | µg/m3        |
| Chlorobenzene               | ND                       | ND                       | 8                      | µg/m3        |
| Chloroform                  | ND                       | ND                       | 8                      | µg/m3        |
| 2-Chlorotoluene             | ND                       | ND                       | 12                     | µg/m3        |
| 4-Chlorotoluene             | ND                       | ND                       | 12                     | µg/m3        |
| Dibromochloromethane        | ND                       | ND                       | 8                      | µg/m3        |
| 1,2-Dibromo-3-chloropropane | ND                       | ND                       | 8                      | µg/m3        |
| 1,2-Dibromoethane (EDB)     | ND                       | ND                       | 8                      | µg/m3        |
| Dibromomethane              | ND                       | ND                       | 8                      | µg/m3        |
| 1,2- Dichlorobenzene        | ND                       | ND                       | 16                     | µg/m3        |
| 1,3-Dichlorobenzene         | ND                       | ND                       | 16                     | µg/m3        |
| 1,4-Dichlorobenzene         | ND                       | ND                       | 16                     | µg/m3        |
| Dichlorodifluoromethane     | ND                       | ND                       | 16                     | µg/m3        |
| 1,1-Dichloroethane          | ND                       | ND                       | 8                      | µg/m3        |
| 1,2-Dichloroethane          | ND                       | ND                       | 8                      | µg/m3        |
| 1,1-Dichloroethene          | ND                       | ND                       | 8                      | µg/m3        |
| cis-1,2-Dichloroethene      | ND                       | ND                       | 8                      | µg/m3        |
| trans-1,2-Dichloroethene    | ND                       | ND                       | 8                      | µg/m3        |
| 1,2-Dichloropropane         | ND                       | ND                       | 8                      | µg/m3        |
| 1,3-Dichloropropane         | ND                       | ND                       | 8                      | µg/m3        |
| 2,2-Dichloropropane         | ND                       | ND                       | 16                     | µg/m3        |
| 1,1-Dichloropropene         | ND                       | ND                       | 10                     | µg/m3        |

## JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

| <u>Sample ID:</u>                   | METHOD<br>BLANK  | SAMPLING<br>BLANK |                         |              |
|-------------------------------------|------------------|-------------------|-------------------------|--------------|
| <u>Jones ID:</u>                    | 071720-<br>G1MB1 | 071720-<br>G1SB1  | <u>Reporting Limit</u>  | <u>Units</u> |
| <b>Analytes:</b>                    |                  |                   |                         |              |
| cis-1,3-Dichloropropene             | ND               | ND                | 8                       | µg/m3        |
| trans-1,3-Dichloropropene           | ND               | ND                | 8                       | µg/m3        |
| Ethylbenzene                        | ND               | ND                | 8                       | µg/m3        |
| Freon 113                           | ND               | ND                | 16                      | µg/m3        |
| Hexachlorobutadiene                 | ND               | ND                | 24                      | µg/m3        |
| Isopropylbenzene                    | ND               | ND                | 8                       | µg/m3        |
| 4-Isopropyltoluene                  | ND               | ND                | 8                       | µg/m3        |
| Methylene chloride                  | ND               | ND                | 8                       | µg/m3        |
| Naphthalene                         | ND               | ND                | 40                      | µg/m3        |
| n-Propylbenzene                     | ND               | ND                | 8                       | µg/m3        |
| Styrene                             | ND               | ND                | 8                       | µg/m3        |
| 1,1,1,2-Tetrachloroethane           | ND               | ND                | 8                       | µg/m3        |
| 1,1,2,2-Tetrachloroethane           | ND               | ND                | 16                      | µg/m3        |
| Tetrachloroethene                   | ND               | ND                | 8                       | µg/m3        |
| Toluene                             | ND               | ND                | 8                       | µg/m3        |
| 1,2,3-Trichlorobenzene              | ND               | ND                | 16                      | µg/m3        |
| 1,2,4-Trichlorobenzene              | ND               | ND                | 16                      | µg/m3        |
| 1,1,1-Trichloroethane               | ND               | ND                | 8                       | µg/m3        |
| 1,1,2-Trichloroethane               | ND               | ND                | 8                       | µg/m3        |
| Trichloroethene                     | ND               | ND                | 8                       | µg/m3        |
| Trichlorofluoromethane              | ND               | ND                | 16                      | µg/m3        |
| 1,2,3-Trichloropropane              | ND               | ND                | 8                       | µg/m3        |
| 1,2,4-Trimethylbenzene              | ND               | ND                | 8                       | µg/m3        |
| 1,3,5-Trimethylbenzene              | ND               | ND                | 8                       | µg/m3        |
| Vinyl chloride                      | ND               | ND                | 8                       | µg/m3        |
| m,p-Xylene                          | ND               | ND                | 16                      | µg/m3        |
| o-Xylene                            | ND               | ND                | 8                       | µg/m3        |
| MTBE                                | ND               | ND                | 40                      | µg/m3        |
| Ethyl-tert-butylether               | ND               | ND                | 40                      | µg/m3        |
| Di-isopropylether                   | ND               | ND                | 40                      | µg/m3        |
| tert-amylmethylether                | ND               | ND                | 40                      | µg/m3        |
| tert-Butylalcohol                   | ND               | ND                | 400                     | µg/m3        |
| <b>Tracer:</b>                      |                  |                   |                         |              |
| n-Pentane                           | ND               | ND                | 80                      | µg/m3        |
| n-Hexane                            | ND               | ND                | 80                      | µg/m3        |
| n-Heptane                           | ND               | ND                | 80                      | µg/m3        |
| <b><u>Dilution Factor</u></b>       | 1                | 1                 |                         |              |
| <b><u>Surrogate Recoveries:</u></b> |                  |                   | <b><u>QC Limits</u></b> |              |
| Dibromofluoromethane                | 103%             | 107%              | 60 - 140                |              |
| Toluene-d8                          | 101%             | 98%               | 60 - 140                |              |
| 4-Bromofluorobenzene                | 107%             | 108%              | 60 - 140                |              |
| <b><u>Batch ID:</u></b>             | G1-071720-<br>01 | G1-071720-<br>01  |                         |              |

ND = Value below reporting limit



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### JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

|                         |   |                         |           |
|-------------------------|---|-------------------------|-----------|
| <b>Client:</b>          | Waterstone Environmental, Inc.                                  | <b>Report date:</b>     | 7/17/2020 |
| <b>Client Address:</b>  | 2936 E Coronado St.<br>Anaheim, California 92806                | <b>Jones Ref. No.:</b>  | G-0168    |
|                         |   | <b>Client Ref. No.:</b> | 20-137    |
| <b>Attn:</b>            | Mark Shifflett  | <b>Date Sampled:</b>    | 7/17/2020 |
|                         |   | <b>Date Received:</b>   | 7/17/2020 |
| <b>Project:</b>         | Birtcher - Willow and Valley - Phase II                         | <b>Date Analyzed:</b>   | 7/17/2020 |
| <b>Project Address:</b> | 350 W. Valley Blvd and 1444 S. Willow Ave<br>Rialto, California | <b>Physical State:</b>  | Soil Gas  |

#### EPA 8260B – Volatile Organics by GC/MS + Oxygenates

**Batch ID:** G1-071720-01

**Jones ID:**                    **071720-G1LCS1**      **071720-G1LCSD1**                    **071720-G1CCV1**

| <u>Parameter</u>                  | LCS<br>Recovery (%) | LCSD<br>Recovery (%) | <u>RPD</u>         | Acceptability<br>Range (%) | <u>CCV</u> | Acceptability<br>Range (%) |
|-----------------------------------|---------------------|----------------------|--------------------|----------------------------|------------|----------------------------|
| Vinyl chloride                    | 89%                 | 86%                  | 3.8%               | 60 - 140                   | 108%       | 80 - 120                   |
| 1,1-Dichloroethene                | 97%                 | 78%                  | 21.7% <sup>1</sup> | 60 - 140                   | 106%       | 80 - 120                   |
| Cis-1,2-Dichloroethene            | 108%                | 107%                 | 0.5%               | 70 - 130                   | 85%        | 80 - 120                   |
| 1,1,1-Trichloroethane             | 119%                | 104%                 | 13.6%              | 70 - 130                   | 96%        | 80 - 120                   |
| Benzene                           | 128%                | 116%                 | 9.4%               | 70 - 130                   | 94%        | 80 - 120                   |
| Trichloroethene                   | 113%                | 106%                 | 6.4%               | 70 - 130                   | 96%        | 80 - 120                   |
| Toluene                           | 116%                | 104%                 | 10.7%              | 70 - 130                   | 99%        | 80 - 120                   |
| Tetrachloroethene                 | 117%                | 108%                 | 8.7%               | 70 - 130                   | 109%       | 80 - 120                   |
| Chlorobenzene                     | 105%                | 94%                  | 11.5%              | 70 - 130                   | 100%       | 80 - 120                   |
| Ethylbenzene                      | 117%                | 104%                 | 11.8%              | 70 - 130                   | 104%       | 80 - 120                   |
| 1,2,4 Trimethylbenzene            | 109%                | 100%                 | 8.8%               | 70 - 130                   | 108%       | 80 - 120                   |
| <b><u>Surrogate Recovery:</u></b> |                     |                      |                    |                            |            |                            |
| Dibromofluoromethane              | 102%                | 102%                 |                    | 60 - 140                   | 96%        | 60 - 140                   |
| Toluene-d <sub>8</sub>            | 100%                | 97%                  |                    | 60 - 140                   | 99%        | 60 - 140                   |
| 4-Bromofluorobenzene              | 106%                | 107%                 |                    | 60 - 140                   | 104%       | 60 - 140                   |

RPD outside of acceptable limits. CCV, LCS, and LCSD recoveries were within QC limits, therefore data was accepted.

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample Duplicate

CCV = Continuing Calibration Verification

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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# Soil-Gas Chain-of-Custody Record

**Client**  
**Waterstone**

**Project Name**  
**Birtcher - Willow and Valley - Phase II**

**Project Address**  
**350 W. Valley Blvd and 1444 S. Willow Ave**

**Rialto, California**

**Email**

**Phone**  
**714-414-1122**

**Report To**  
**Mark Shifflett**

**Sampler**  
**Joel Almas**

**Date**  
 7/17/2020

**Client Project #**  
 20-137

**Turn Around Requested**

Immediate Attention  
 Rush 24 Hours  
 Rush 48 Hours  
 Rush 72 Hours  
 Normal  
 Mobile Lab

**Reporting Limits**

Standard  Low Level\*  MDL\* **Units** *µg/L<sup>3</sup>*  
 \*surcharge for these limits

**Purge Number:**  
 1P  3P  7P  10P

**Shut-In Test:** Y / N

**Report Options**  
 EDD \_\_\_\_\_  
 EDF\* - 10% Surcharge \_\_\_\_\_

\*Global ID \_\_\_\_\_

LAB USE ONLY

**Jones Project #**  
**G-0168**

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 1 of 2

Sample Container:  
 GASTIGHT GLASS SYRINGE

If different than above, see Notes.

**Tracer**

n-pentane  
 n-hexane  
 n-heptane  
 Isopropyl Alcohol  
 1,1-DFA  
 \_\_\_\_\_

**Analysis Requested**

| Sample Matrix:<br>Soil Gas (SG), Air (A), Material (M) | EPA 8260B (VOCs) | Gasoline Range Organics | Magnehelic Vacuum (In/H <sub>2</sub> O) | Number of Containers |
|--|------------------|-------------------------|---|----------------------|
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | 2                                       | 1                    |
| SG   | X                |                         | 2                                       | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |
| SG   | X                |                         | <2                                      | 1                    |

| Sample ID           | Purge Number | Purge Volume (mL) | Date    | Sample Collection Time | Sample Analysis Time | Laboratory Sample ID | Purge Rate (mL/min) | Pump Used | Magnehelic | Sample Matrix:<br>Soil Gas (SG), Air (A), Material (M) | EPA 8260B (VOCs) | Gasoline Range Organics | Magnehelic Vacuum (In/H <sub>2</sub> O) | Number of Containers | Notes & Special Instructions |
|---------------------|--------------|-------------------|---------|------------------------|----------------------|----------------------|---------------------|-----------|------------|--|------------------|-------------------------|---|----------------------|------------------------------|
| SV-3-30'            | 3            | 2040              | 7/17/20 | 07:33                  | 07:33                | G-0168-01            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-3-30' REP        | 3            | 2040              | 7/17/20 | 07:44                  | 07:45                | G-0168-02            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-18-5'            | 3            | 1630              | 7/17/20 | 07:59                  | 08:05                | G-0168-03            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-18-15'           | 3            | 1790              | 7/17/20 | 08:17                  | 08:24                | G-0168-04            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-17-5'            | 3            | 1630              | 7/17/20 | 08:45                  | 08:47                | G-0168-05            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-17-15'           | 3            | 1790              | 7/17/20 | 09:04                  | 09:05                | G-0168-06            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-17-30'           | 3            | 2040              | 7/17/20 | 9:20                   | 09:22                | G-0168-07            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-16-5'            | 3            | 1630              | 7/17/20 | 09:35                  | 09:38                | G-0168-08            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-16-15'           | 3            | 1790              | 7/17/20 | 9:52                   | 09:54                | G-0168-09            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-19-5' 30' AOT/20 | 3            | 1630              | 7/17/20 | 10:12                  | 10:15                | G-0168-10            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | <2                                      | 1                    |                              |

|   |                                    |   |                                   |  |                            |
|---|------------------------------------|---|-----------------------------------|--|----------------------------|
| <b>Representative Signature</b><br><i>[Signature]</i> | <b>Printed Name</b><br>Matt Dumont | <b>Laboratory Signature</b><br><i>[Signature]</i> | <b>Printed Name</b><br>Joel Almas | 10   | Total Number of Containers |
| <b>Company</b><br>Waterstone                          | <b>Date</b><br>7/17/2020           | <b>Company</b><br>JONES ENVIRONMENTAL, INC.       | <b>Date</b><br>7/17/2020          | Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate. |                            |
| <b>Representative Signature</b>                       | <b>Printed Name</b>                | <b>Laboratory Signature</b>                       | <b>Printed Name</b>               |  |                            |
| <b>Company</b>  | <b>Date</b>                        | <b>Company</b>                                    | <b>Date</b>                       |  |                            |





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# Soil-Gas Chain-of-Custody Record

**Client**  
**Waterstone**  
**Project Name**  
**Birtcher - Willow and Valley - Phase II**  
**Project Address**  
**350 W. Valley Blvd and 1444 S. Willow Ave**  
**Rialto, California**  
**Email**  
**Phone**  
**714-414-1122**  
**Report To**  
**Mark Shifflett**

**Sampler**  
**Joel Almas**

**Date**  
 7/17/2020  
**Client Project #**  
 20-137

**Purge Number:**  
 1P  3P  7P  10P  
**Shut-In Test:** (Y) / N  
**Report Options**  
 EDD \_\_\_\_\_  
 EDF\* - 10% Surcharge \_\_\_\_\_  
 \*Global ID \_\_\_\_\_

**Turn Around Requested**  
 Immediate Attention  
 Rush 24 Hours  
 Rush 48 Hours  
 Rush 72 Hours  
 Normal  
 Mobile Lab

**Reporting Limits**  
 Standard  Low Level\*  MDL\*  
 \*surcharge for these limits

**Tracer**  
 n-pentane  
 n-hexane  
 n-heptane  
 Isopropyl Alcohol  
 1,1-DFA  
 \_\_\_\_\_

**Analysis Requested**

**Unjts**  
 kg/m<sup>3</sup>

**LAB USE ONLY**  
**Jones Project #**  
**G-0168**  
**Page**  
 2 of 2  
**Sample Container:**  
 GASTIGHT GLASS SYRINGE  
 If different than above, see Notes.

| Sample ID | Purge Number | Purge Volume (mL) | Date    | Sample Collection Time | Sample Analysis Time | Laboratory Sample ID | Purge Rate (mL/min) | Pump Used | Magnehelic | Sample Matrix:<br>Soil Gas (SG), Air (A), Material (M) | EPA 8260B (VOCs) | Gasoline Range Organics | Magnehelic Vacuum (In/H <sub>2</sub> O) | Number of Containers | Notes & Special Instructions |
|-----------|--------------|-------------------|---------|------------------------|----------------------|----------------------|---------------------|-----------|------------|--|------------------|-------------------------|---|----------------------|------------------------------|
| SV-15-5'  | 3            | 1630              | 7/17/20 | 10:29                  | 10:32                | G-0168-11            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-15-15' | 3            | 1790              | 7/17/20 | 10:45                  | 10:49                | G-0168-12            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-15-30' | 3            | 2040              | 7/17/20 | 11:08                  | 11:11                | G-0168-13            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | <2                                      | 1                    |                              |
| SV-6-5'   | 3            | 1630              | 7/17/20 | 11:00                  | 11:34                | G-0168-14            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | 40                                      | 1                    |                              |
| SV-5-5'   | 3            | 1630              | 7/17/20 | 11:45                  | 11:51                | G-0168-15            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-6-15'  | 3            | 1790              | 7/17/20 | 12:03                  | 12:08                | G-0168-16            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-11-5'  | 3            | 1630              | 7/17/20 | 12:26                  | 12:28                | G-0168-17            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-11-15' | 3            | 1790              | 7/17/20 | 12:45                  | 12:48                | G-0168-18            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-3-5'   | 3            | 1630              | 7/17/20 | 13:04                  | 13:09                | G-0168-19            | 200                 | SAMPLER.1 | 118003     | SG   | X                |                         | 2                                       | 1                    |                              |
| SV-3-15'  | 3            | 1790              | 7/17/20 | 13:20                  | 13:27                | G-0168-20            | 200                 | JOEL.1    | M100.112   | SG   | X                |                         | 2                                       | 1                    |                              |

**Representative Signature** **Printed Name** Matt Dumont  
**Company** Waterstone **Date** 7/17/2020 **Time** 0:00

**Laboratory Signature** **Printed Name** Joel Almas  
**Company** JONES ENVIRONMENTAL, INC. **Date** 7/17/2020 **Time** 0:00

**Representative Signature** \_\_\_\_\_ **Printed Name** \_\_\_\_\_  
**Company** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_

**Laboratory Signature** \_\_\_\_\_ **Printed Name** \_\_\_\_\_  
**Company** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_

14

10 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.