Appendix G Phase II Environmental Site Assessment

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padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PHASE II ENVIRONMENTAL SITE ASSESSMENT
DISTRICT OFFICES AND OUTDOOR EVENT CENTER
TUSTIN ORANGE COUNTY, CALIFORNIA



Prepared for:

Tustin Unified School District
And
PlaceWorks

DECE BER 2025

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

December 10, 2025
Project Number: 2501-0092

Mr. Tom Rizzuti
Director of Facilities and Planning
Tustin Unified School District
300 South C Street
Tustin, CA 92780

Subject: Phase II ESA Report for the District Offices and Outdoor Event Center
Tustin, Orange County, California

Dear Mr. Rizzuti:

Padre Associates (Padre) on behalf of Tustin Unified School District and PlaceWorks has prepared this report documenting the results of the Phase II environmental site assessment (ESA) activities completed for the District Offices and Outdoor Event Center, located southwest of the intersection of Valencia Avenue and Legacy Road in Tustin, Orange County, California (Project Site).

The Phase II ESA was completed in general accordance with Padre's field sampling plan and health & safety plan dated September 2025. Based on the findings of the Phase II ESA, Padre concludes that soil gas and groundwater have been impacted from historic operations of the former Marine Corps Air Station (MCAS) facility located west and adjacent to the Project Site.

If you have any questions or require additional information, please contact the undersigned at (916) 333-5920, ext. 250/240.

Sincerely,
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1.0 INTRODUCTION

Padre Associates (Padre), on behalf of Tustin Unified School District (USD) and PlaceWorks, has completed a Phase II environmental site assessment (ESA) for the District Offices and Outdoor Event Center, located southwest of the intersection of Valencia Avenue and Legacy Road in Tustin, Orange County, California (Project Site). The location of the Project Site is illustrated on **Plate 1**, and a site map is presented as **Plate 2**.

1.1 Purpose and Objectives

The purpose of the Phase II ESA to assess potential impacts to soil, soil gas, and groundwater related to the former Marine Corps Air Station (MCAS) facility located west and adjacent to the Project Site. The former MCAS facility reportedly has a contaminated groundwater plume (OU-1B North), containing solvents and polyfluoroalkyl substances (PFAS), which reportedly has migrated towards the northwest property boundary of the Project Site. In addition, there are approximately 30 to 40 soil piles located near the south-central portion of the Project Site. These soil piles are considered undocumented fill material and require characterization.

The objective of the Phase II ESA was to collect soil, soil gas, and groundwater samples at the Project Site and compare the results to established regulatory environmental screening levels.

1.2 Background

Padre prepared the document titled: *Phase I Environmental Site Assessment, District Offices and Outdoor Event Center, Northwest of Valencia Ave and Legacy Rd, Tustin, Orange County, California (Padre, May 2025)*. The findings of the Phase I ESA identified the following recognized environmental conditions (RECs):

- The former MCAS facility has a contaminated groundwater plume (OU-1B North), containing solvents and PFAS, which reportedly has migrated towards the northwest property boundary of the Project Site; and
- Approximately 30 to 40 soil piles reportedly generated from other school district properties are located near the south-central portion of the Project Site. These soil piles are considered undocumented fill material and need to be characterized.

Subsurface investigations at the former MCAS identified a large solvent groundwater plume (OU-1B North) located northwest of the Project Site, which is indicated to extend beneath the western portion of the Project Site. In addition, the OU-1B North groundwater plume was discovered to contain per- and PFAS. Through groundwater monitoring and additional groundwater investigations several PFAS groundwater plumes were identified at the former MCAS. The OU-1B North groundwater plume is considered a potential REC to the Project Site. Information regarding the Tustin MCAS – Legacy project is presented in **Appendix A**.

During the Padre site reconnaissance, approximately 30 to 40 grass covered soil piles (undocumented fill material), were observed near the south-central portion of the Project Site. According to Tustin USD, these soil piles were generated from various projects located at other school district properties.

2.0 SITE DESCRIPTION

The Project Site consists of an approximately 9-acre vacant lot located within the City of Tustin, Tustin Legacy Specific Plan, Neighborhood D, within the former MCAS Tustin Base. Currently, the Project Site is covered with grass and secured with a chain-link fence.

The Project Site is owned by the Tustin USD and is identified by Orange County as assessor's parcel number (APN): 430-391-76. A small portion of the Project Site (approx. 0.8 acres) is identified by Orange County to be a portion of APN: 430-381-90.

The Project Site is bordered to the north and northeast by Valencia Avenue, beyond which is a residential development; to the south by Legacy Road, beyond which is the Legacy Magnet Academy; to the southeast beyond Valencia Avenue by a commercial shopping center; and to the west and northwest by land areas of the former MCAS.

2.1 Topography

Based on a review of the USGS 7.5-minute topographic quadrangle – Tustin, California (2021), the Project Site is situated at an approximate elevation of 60-feet above mean sea level (amsl). The Project Site consisted of a relatively level grass-covered vacant lot, that is situated approximately 2- to 3-feet higher than the surrounding area. The Project Site slopes downward towards street level at the property perimeter. Typically, rainfall would infiltrate into the vegetated surface area, and surface drainage from excessive precipitation would flow to storm drain inlets located in adjacent streets.

2.2 Geology

The Subject Property is located within the Peninsular Ranges Geomorphic Province of California. The Peninsular Ranges stretch approximately 900 miles from the Los Angeles Basin to the southern tip of the Baja California Peninsula and are bounded to the east by the Colorado Desert. The Peninsular Ranges Province is divided into three major fault bounded tectonic blocks within the San Andreas Fault System, consisting of the Santa Anna, Perris, and San Jacinto Blocks. The ranges are seismically active and include parts of four major northwest-striking, right-lateral strike slip Pacific and North American plate boundary fault zones. These include the Elsinore fault zone to the east, the Newport-Inglewood-Rose Canyon offshore fault zone to the west, and the Coronado Bank fault, and San Diego Trough fault zone to the southwest (Norris and Webb, 1990).

According to the California Division of Mines and Geology, *Geologic Map of the Santa Ana Sheet, California, (1:250,000)*, 1965 (second printing 1973), the Subject Property is underlain by Quaternary-aged alluvium.

2.3 Soils

According to the United States Department of Agriculture (USDA), Natural Resources Conservation Services (NRCS), Web Soil Survey of Orange County and Part of Riverside County (Websoil, 2025), the surface soil at the Project Site consists of Chino silty clay loam, drained. This soil unit consists of alluvium derived from sedimentary sources. A typical profile consists of silty clay loam to 60-inches. Chino silty clay loam has slopes of 0 to 2 percent and is somewhat poorly drained.

2.4 Groundwater

The Project Site is located within the Coastal Plain of Orange County groundwater basin. The Coastal Plain of Orange County groundwater basin underlies a coastal alluvial plain in northwestern Orange County. The basin is bound on the northwest and the north by the Los Angeles-Orange County line. The Whittier fault zone and consolidated rocks of the Puente Hills and Chino Hills bound the northeast extent of the basin. The basin is bound on the east by consolidated rocks of the Santa Ana Mountains and on the south by consolidated rocks of the Laguna Hills and San Joaquin Hills. The Pacific Ocean is the southwest extent of the basin.

During Phase II site assessment activities, shallow groundwater was initially encountered at approximate depths ranging from 11- top 28-feet below ground surface (bgs). In general the groundwater flow direction in the area of the Project Site is to the southwest.

3.0 SCOPE OF WORK

3.1 Field Sampling Plan

Padre prepared the document titled *Field Sampling Plan and Health & Safety Plan, Phase II Environmental Site Assessment, District Offices and Outdoor Event Center, Tustin, Orange County, California* dated September 2025.

The Field Sampling Plan (FSP) portion of the document presented the technical approach, procedures, protocols, materials, equipment, and laboratory analytical program that was utilized during the sampling activities. The HSP portion of the document presented the necessary procedures that were employed to protect worker and community health and safety throughout the course of the sampling project.

3.2 Clearance of Underground Utilities and Permits

Padre completed a pre-assessment site visit prior to the scheduled start of field activities. During the course of the pre-assessment site visit, Padre demarcated the surface location of each proposed drill hole location with a painted white symbol. Underground Services Alert (USA) was notified a minimum of two working days prior to the planned work including the location and number of drill holes. Additionally, Padre subcontracted with (SoCal Locators of Fontana, California in an attempt to locate underground utilities in the area of the planned assessment using geophysical methods included ground penetrating radar.

The Orange County Environmental Health Division (EHD) reviews all subsurface drilling permit applications for environmental and geotechnical purposes. Padre submitted the permit application and associated fee for APN 430-391-76 which included six (6) drill hole locations to EHD for review and approval.

On September 22, 2025 Padre was informed by EHD that one of the drill hole locations was located on APN 430-381-90 and would need to be permitted separately, moved to the permitted APN area, or omitted. Based on the drilling schedule, the drill hole location on APN 430-381-90 was omitted, and the permit was amended to include five (5) drill locations. The approved drill hole permit (No. 29-05-30) along with EHD correspondence is presented in **Appendix B**.

3.3 Sample Locations

The Phase II sampling activities were conducted in general accordance with the FSP/HSP (Padre, Sept 2025). The sample locations and presented on **Plate 3** and **Plate 4**. On September 16, 2025 Padre staff collected soil samples to characterize approximately 200 cubic yards of undocumented fill material located at the Project Site. In addition, on September 25 and 26, 2025, Padre staff along with the drilling subcontractor completed the soil gas and groundwater assessment activities. The drilling contractor was Cascade Drilling of Santa Ana, California (C-57 #1069034).

The field sampling schedule is presented in **Table 1**, and the sample collection information is presented in **Table 2**. Sample locations were identified using an EOS Arrow 100 handheld electronic navigating device operating with the United States Government's Global Positioning Satellite (GPS) system. In addition, the soil pile sample locations were staked using wood lathe.

3.4 Soil Gas Sample Collection

The soil gas investigation was performed in general accordance with DTSC's *Advisory - Active Soil Gas Investigations* dated July 2015. A direct push drill rig was utilized to collect soil gas samples at five (5) locations across the Project Site. Temporary soil vapor wells were completed to depths of approximately 5-feet and 10-feet. The HSP/FSP proposed to collection of soil gas samples at 5-feet and -15-feet, however based on tight soils (stiff clay) encountered at 15-feet, soil vapor could not be obtained at this depth.

A soil vapor probe was constructed within each temporary well using sand-pack and hydrated with bentonite to the surface to seal the well. The temporary well was completed with a gas tight fitting well cap and sample port. After a minimum of two hours, a soil gas sample was collected at each location using a 1-Liter summa canister and fittings provided by the analytical laboratory and chemically analyzed for the presence of VOCs.

Soil gas sample containers were sealed, initialed, labeled with the time and date of collection, project number, and a unique sample identification number, and then delivered to the analytical laboratory under chain-of-custody protocol. Initial and final sample container pressures were recorded on the chain-of-custody.

3.5 Groundwater Sample Collection

Groundwater samples were collected utilizing a direct push drilling rig to install temporary wells to collect groundwater samples at five (5) locations across the Project Site. The temporary groundwater wells were constructed of slotted PVC piping, and water samples were collected using Teflon tubing fitted with a check-valve.

Groundwater samples were transferred to appropriate sample containers and submitted for chemical analysis by a California certified laboratory for the presence of VOCs and PFAS. Groundwater sample containers were sealed, initialed, labeled with the time and date of collection, project number, and a unique sample identification number, and then placed on ice, in a cooler, for delivery to the analytical laboratory under chain-of-custody protocol.

Upon completion of sample collection, each drill hole was abandoned using neat cement introduced through a tremmie pipe to approximately 1-foot bgs. The remaining foot was filled with surrounding soil to existing surface grade.

3.6 Soil Sample Collection – Soil Piles

Based on DTSC's *Information Advisory for Clean Imported Fill Material* (October 2001), Padre staff collected four (4) representative soil samples to characterize approximately 200 cubic yards of undocumented import fill material located at the Project Site.

At each sample location, four (4) discrete soil samples were collected by Padre. The discrete soil samples were made into a 4-point composite (4:1) soil sample by the analytical laboratory for a total of four composite soil samples. The composite soil samples were chemically analyzed for organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH), CAM 17 Metals, and VOCs

Soil samples were collected in pre-cleaned 2-inch x 6-inch stainless steel sampling sleeves using hand-held sampling equipment. The sample sleeves will be sealed with Teflon sheets and plastic end caps, initialed, labeled with the time and date of collection, project number, and a unique sample identification number, and then placed on ice, in a cooler, for delivery to the analytical laboratory under chain-of-custody protocol.

3.7 Decontamination Procedures

Sampling equipment that came into contact with potentially contaminated soil was decontaminated to assure the quality of samples collected. Disposable equipment intended for one time use was not decontaminated but packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment. For soil sampling related to the soil piles, sampling devices used were decontaminated using the following procedures:

- Non-phosphate detergent and tap water wash, in a 5-gallon plastic bucket, using a brush;

- Deionized/distilled water rinse, in a 5-gallon plastic bucket; and
- Final deionized/distilled water rinse in a 5-gallon plastic bucket.

Due to the analysis of PFAS in groundwater samples, decontamination of equipment during drilling activities consisted of a dry method. This included using brushes and wiping drilling rods to remove visible soil after removal from each drill hole.

Investigative derived waste (soil) was placed in separate 55-gallon drums and temporarily stored at the Project Site pending approval for offsite transportation and disposal. The drums will be transported and disposed of by a licensed waste hauler to a properly licensed disposal facility. Once removed from the Project Site, documentation will be provided under separate cover.

3.8 Laboratory Analytical Program

All collected soil, soil gas, and groundwater samples were delivered under chain-of-custody procedures to a State of California-certified laboratory for chemical analyses. Collected soil samples were chemically analyzed for the presence of the following constituents:

Soil Gas -

- VOCs by U.S. EPA Method TO-15.

Groundwater -

- VOCs by U.S. EPA Method 8260; and
- PFAS by U.S. EPA Method 1633.

Soil Piles-

- OCPs by U.S. EPA Method 8081B;
- TPH by U.S. EPA Method 8015M; and
- VOCs by U.S. EPA Method 8260.
- CAM 17 Metals by U.S. EPA Method 6020/7000 series; and
- PCBs by U.S. EPA Method 8082.

4.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

4.1 Field Observations

In general soils encountered at the Project Site consisted of medium dense, fine grained silty sand in the upper 3- to 4-feet. From approximately 4- to 25-feet bgs soil consisted of a moderately stiff sandy lean clay with thin lenses and silt and sand. No indications (visual, olfactory) of contamination were observed in any of the drill holes. Groundwater was encountered at depths ranging depths ranging from approximately 11- to 28-feet bgs. A Project Site geologic cross-section is presented as **Plate 7**. Drill hole logs are presented in **Appendix C**.

4.2 VOCs in Soil Gas

At five locations across the Project Site (SV-1 through SV-5) soil gas samples were collected from approximate depths of 5- and 10-feet and chemically analyzed for the presence of VOCs. The results are summarized in **Table 3** and below. Benzene concentrations in soil gas are presented on **Plate 4**.

- Acetone concentrations ranged from 37 to 160 micrograms per cubic meter (µg/m^3);
- Benzene concentrations ranged 12 to 24 µg/m^3;
- Bromomethane was reported at a concentration of 1.3J µg/m^3;
- Carbon disulfide concentrations ranged from 1.7J to 580 µg/m^3;
- Carbon tetrachloride concentrations ranged from 1.1J to 1.2J µg/m^3;
- Chloroethane was reported at a concentration of 0.80J µg/m^3;
- Chloroform was reported at a concentration of 3.8 µg/m^3;
- Chloromethane concentrations ranged from 0.87J to 4.0J µg/m^3;
- Dichlorodifluoromethane concentrations ranged from 2.0J to 2.3J µg/m^3;;
- Ethylbenzene concentrations ranged from 1.7J to 4.4 µg/m^3;
- t-Butyl Alcohol (TBA) concentrations ranged from 3.4J to 5.5J µg/m^3;
- Tetrachloroethene (PCE) concentrations ranged from 1.8J to 6.9 µg/m^3;
- Toluene concentrations ranged from 1.7J to 33 µg/m^3;
- Trichlorofluoromethane concentrations ranged from 1.7J to 2.3J µg/m^3;
- Vinyl acetate concentrations ranged from 5.3J to 14 µg/m^3;
- Vinyl chloride was reported at a concentration of 0.99J µg/m^3;
- o-Xylene concentrations ranged from 1.5J to 3.9 µg/m^3;
- m,p-Xylene concentrations ranged from 3.2J to 10 µg/m^3;
- 1,2,4-TrimethIbenzene concentrations ranged from 2.1J to 2.8J µg/m^3;
- 2-Butanone concentrations ranged from 11 to 55 µg/m^3;
- 2-Hexanone concentrations ranged from 3.0J to 9.3 µg/m^3; and
- All other VOCs were not identified at or above their respective reporting limits.

4.3 VOCs in Groundwater

At five locations across the Project Site (GW-1 through GW-5) groundwater samples were collected from the temporary groundwater wells and chemically analyzed for the presence of VOCs. Results of the laboratory analysis are summarized in **Table 4** and below.

- Acetone concentrations ranged from 8.9J to 14 micrograms per Liter (µg/L);
- Benzene was reported at a concentration of 0.25J µg/L; and
- All other VOCs were not reported at or above their respective reporting limits.

4.4 PFAS in Groundwater

At five locations across the Project Site (GW-1 through GW-5) groundwater samples were collected from the temporary groundwater wells and chemically analyzed for the presence of PFAS. Results of the laboratory analysis are summarized in **Table 5** and below. PFOA and PFOS concentrations are presented on **Plate 5**.

- PFBA concentrations ranged from 79 to 2,100 nanograms per Liter (ng/L);
- PFPeA concentrations ranged from 130 to 4,100 ng/L;
- PFHxA concentrations ranged from 94 to 3,900 ng/L;
- PFHpA concentrations ranged from 35 to 1,100 ng/L;
- PFOA concentrations ranged from 220 to 3,000 ng/L;
- PFNA concentrations ranged from 6.3 to 95 ng/L;
- PFDA concentrations ranged from 0.75J to 0.98J;
- PFBS concentrations ranged from 70 to 1,700 ng/L;
- PFPeS concentrations ranged from 42 to 1,200 ng/L;
- PFHxS concentrations ranged from 230 to 6,800 ng/L;
- PFHpS concentrations ranged from 6.0 to 130 ng/L;
- PFOS concentrations ranged from 150 to 5,000 ng/L;
- PFNS was reported at a concentration of 0.63J ng/L;
- 6:2 FTS concentrations ranged from 56 to 1,300 ng/L;
- 8:2 FTS concentrations ranged from 1.3J to 15 ng/L;
- PFOSA concentrations ranged from 0.99J to 1.3J; and

- All other PFAS were not reported at or above their respective reporting limits.

4.5 OCPs in Soil Piles

At each sample location, four (4) discrete soil samples were collected by Padre. The discrete soil samples were made into a 4-point composite (4:1) soil sample by the analytical laboratory for a total of four composite soil samples and chemically analyzed for OCPs. Results of the laboratory analyses are summarized in **Table 6** and below:

- OCPs were not reported at or above their respective reporting limits.

4.6 TPH in Soil Piles

At each sample location, four (4) discrete soil samples were collected by Padre. The discrete soil samples were made into a 4-point composite (4:1) soil sample by the analytical laboratory for a total of four composite soil samples and chemically analyzed for TPH. Results of the laboratory analyses are summarized in **Table 7** and below:

- TPH was not reported at or above their respective reporting limits

4.7 VOCs in Soil Piles

At each sample location, four (4) discrete soil samples were collected by Padre. The discrete soil samples were made into a 4-point composite (4:1) soil sample by the analytical laboratory for a total of four composite soil samples and chemically analyzed for VOCs. Results of the laboratory analysis are summarized in **Table 7** and below.

- Acetone was reported at concentrations ranging from 0.01J to 0.017J; and
- All other VOCs were not reported at or above their respective reporting limits.

Note: The symbol “J” denotes an approximate value by the analytical laboratory.

4.8 CAM 17 Metals in Soil Piles

At ten locations, discrete soil samples (DH-1 through DH-10) were collected from the first encountered surface soil (native material) and chemically analyzed for presence of CAM 17 Metals. Results of the laboratory analysis are summarized in **Table 4** and below.

- Antimony concentrations ranged from 0.298J to 0.323J milligrams per kilogram (mg/kg)
- Arsenic concentrations ranged from 5.1 to 5.46mg/kg;
- Barium concentrations ranged from 149 to 168 mg/kg;
- Beryllium concentrations ranged from 0.671 to 0.746 mg/kg;
- Cadmium concentrations ranged from 0.32J to 0.399J mg/kg;

- Chromium concentrations ranged from 21.3 to 24.1mg/kg;
- Cobalt concentrations ranged from 8.10 to 12.6 mg/kg;
- Copper concentrations ranged from 15.1 to 16.1 mg/kg;
- Lead concentrations ranged from 9.51 to 9.88 mg/kg;
- Mercury concentrations ranged from 0.029J to 0.048J mg/kg;
- Molybdenum concentrations ranged from 0.859 to 1.03 mg/kg;
- Nickel concentrations ranged from 15.1 to 17.4 mg/kg;
- Selenium concentrations ranged from 1.37 to 1.67 mg/kg;
- Silver was not identified above its' respective reporting limit;
- Thallium concentrations ranged from 0.186J to 0.193J mg/kg;;
- Vanadium concentrations ranged from 41.1 to 42.8 mg/kg; and
- Zinc concentrations ranged from 52.7 to 57.2 mg/kg.

4.9 PCBs in Soil Piles

At ten locations, discrete soil samples (DH-1 through DH-10) were collected from the first encountered surface soil (native material) and chemically analyzed for presence of CAM 17 Metals. Results of the laboratory analysis are summarized in **Table 4** and below.

- PCBs were not reported at or above their respective reporting limits.

4.10 Quality Assurance /Quality Control (QA/QC)

Eurofins Calscience (Eurofins) located in Tustin, California provided the required chemical analyses for soil and water samples collected at the Project Site. Eurofins is certified (No. 2944) by the State of California Environmental Laboratory Accreditation Program (ELAP) Branch to provide the required chemical analyses.

A cover letter with the signature of the project manager for Eurofins accompanied the laboratory the laboratory report received for this project. According to the project manager, samples were analyzed utilizing U.S. EPA or other ELAP approved methodologies, and that the results are in compliance both technically and for completeness. The data quality objectives (DQO) met by laboratory for this project was level II. Copies of the Eurofins laboratory reports are presented in **Appendix D.**

5.0 EVALUATION OF FINDINGS

The findings of the Phase II ESA for soil, soil gas, and groundwater samples collected at the Project Site were evaluated using appropriate regulatory screening levels which included the San Francisco Bay Regional Water Quality Control Board's Environmental Screening Levels (RWQCB ESLs, revised April 2025), the California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note No.3 (revised April 2025), or the US EPA's Region 9 Screening Levels (RSLs) updated in November 2024. The following is an evaluation of the Phase II ESA findings:

Soil Piles

TPH-g, TPH-mo, and VOCs concentrations in soil were not identified at or above their respective regulatory screening levels.

OCPs and PCBs concentrations in soil were not identified at or above their respective DTSC screening levels.

CAM17 Metals concentrations in soil were not identified at or above their respective DTSC-modified screening levels, nor above established background levels.

Soil Gas

Concentrations of benzene in all soil gas samples ranged from 12 to 24 µg/m^3 across the Project Site. The residential ESL for benzene in soil gas is 3.2 µg/m^3.

No other VOCs were identified in collected soil gas samples at or above their respective environmental screening levels.

Groundwater

Two PFAS compounds were identified were identified above RWQCBs ESLs in all five (5) groundwater samples collected across the Project Site. Concentrations of PFOA ranged from 220 to 3,000 ng/L. The ESL for PFOA is 0.0027 ng/L. Concentrations of PFOS ranged from 150 to 5,000 ng/L. The ESL for PFOS is 2 ng/L.

VOCs in groundwater were not identified at or above their respective regulatory screening levels.

5.1 Conclusions and Recommendations

Based on the findings of the Phase II ESA, Padre concludes that soil gas and groundwater located beneath the Project Site have been impacted from historic operations of the former Marine Corps Air Station (MCAS) facility, which is located west and adjacent to the Project Site.

Soil Gas

The presence of relatively low levels of benzene in soil gas beneath the Project Site can be mitigated with a passive vapor intrusion mitigation (VIM) system. This approach typically

includes the installation of a sub-slab vapor barrier during building construction and is used in combination with passive venting system.

Groundwater

The presence of two PFAS compounds in groundwater beneath the Project Site does not present a potential exposure scenario to site occupants for the reason that: 1) PFAS are not volatile, and 2) both potable water and irrigation water to the Project Site will be provided by municipal sources.

Soil Piles

Based on these findings, Padre concludes that the approximately 200 cubic yards of undocumented import fill material (soil piles) at the Project Site can be characterized as "*clean fill material*." This soil characterization was conducted for environmental purposes, only. The suitability of the soil for geotechnical purposes was not included as part of the scope of work for this report.

Closing

The findings of the Phase II ESA, Padre concludes that soil gas and groundwater located beneath the Project Site have been impacted from historic operations of the former Marine Corps Air Station (MCAS) facility, which is located west and adjacent to the Project Site.

According to the previously prepared Phase I ESA report (Padre, May 2025), the former Marine Corps Air Station (MCAS) facility is documented to have a contaminated groundwater plume (OU-1B North) containing solvents and PFAS, and which is inferred to extend beneath the western portion of the Project Site. On the State Water Resources Control Board (SWRCB) GeoTracker website, the MCAS is listed as an "open-remediation" site, which has been in the process of remediating the subject groundwater contaminate plume since 2007.

The California Department of Toxic Substances Control (DTSC) provides guidance on designing and installing vapor intrusion mitigation systems (VIMS). Padre recommends contacting an engineering firm that has expertise in designing VIMS to be incorporated into the planned construction of new buildings at the Project Site.

6.0 LIMITATIONS

This report has been prepared for the sole benefit of Tustin Unified School District and PlaceWorks. No other persons may rely on the findings of this report without the expressed written consent of the client and Padre Associates.

In performing our professional services, we have attempted to apply present engineering and scientific judgment and use a level of effort consistent with the standard of practice measured on the date of work and in locale of the project site for similar type studies. Padre Associates makes no warranty, express or implied. The analyses and interpretations presented in this report have been developed based on the results from the review of existing information pertaining to the Project Site.

7.0 REFERENCES

Advanced Environmental Concepts, Inc., *Final" Preliminary Endangerment Report, Tustin Unified School District, MCAS-Tustin, Parcel 17, Proposed High School Site, Tustin, California*, January 2007.

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TABLES

Table 1 - Sampling Schedule

Test Method	Sample Depth	Number of Samples	Sample Location	Submittal Status
Soil Gas				
VOCs U.S. EPA Method TO-15	5 feet	5 (discrete)	SV-1, -2, -3, -4, and -5	Analyze
	10 feet	5 (discrete)	SV-1, -2, -3, -4, and -5	Analyze
Groundwater				
VOCs U.S. EPA Method 8260B	20 feet (anticipated)	5 (grab)	GW-1, -2, -3, -4, and -5	Analyze
PFAS U.S. EPA Method 1633		5 (grab)	GW-1, -2, -3, -4, and -5	Analyze
Soil Piles				
OCPs U.S. EPA Method 8081A PCBs U.S. EPA Method 8082 TPH (g,d,mo) U.S. EPA Method 8015M CAM 17 Metals U.S. EPA Method 6000/7000 VOCs U.S. EPA Method 8260B	Grab Sample(s)	4 Composite(s) (16 discrete soil samples made into 4:1 composite samples by the lab)	CS-1: SS-1A, SS-1B, SS-1C, SS-1D CS-2: SS-2A, SS-2B, SS-2C, SS-2D CS-3: SS-3A, SS-3B, SS-3C, SS-3D CS-4: SS-4A, SS-4B, SS-4C, SS-4D	Analyze All (composites)

Note:

VOC – Volatile Organic Compounds
PFAS - Polyfluoroalkyl Substances
OCP – Organochlorine Pesticides
PCB – Polychlorinated Biphenyls
TPH – Total Petroleum Hydrocarbons

Table 2 - Sample Collection Information

Sample Matrix and Test Method	Container	Preservative	Holding Time From Sample Collection to Extraction
Soil Gas			
VOCs U.S. EPA Method TO-15	Summa Canister (1 Liter)	None	30 days
Groundwater			
VOCs U.S. EPA Method 8260	Three, 40 mL VOAs	HCl / Ice	14 days
PFAS U.S. EPA Method 1633	Two, 500 mL HDPE One, 125 mL HDPE	None	28 days
Soil			
OCPs U.S. EPA Method 8081A	2-inch x 6-inch stainless steel liners and plastic ends caps	Ice	14 days
PCBs U.S. EPA Method 8082	2-inch x 6-inch stainless steel liners and plastic ends caps	Ice	14 days
TPH-g, -d, -mo U.S. EPA Method 8015m	2-inch x 6-inch stainless steel liners and plastic ends caps	Ice	14 days
CAM 17 Metals U.S. EPA Method 6000/7000	2-inch x 6-inch stainless steel liners and plastic ends caps	Ice	180 days
VOCs U.S. EPA Method 8260	2-inch x 6-inch stainless steel liners and plastic ends caps	Ice	14 days

Notes:

VOC – Volatile Organic Compounds
VOA – Volatile Organic Analysis
PFAS - polyfluoroalkyl Substances
OCP – Organochlorine Pesticides
PCB – Polychlorinated Biphenyls
TPH – Total Petroleum Hydrocarbons

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Table 3 - Soil Gas Results for VOCs by EPA Method TO-15 (µg/m^3 of Vapor)

Sample Identification	Date Collected	Sample Depth (feet)	Acetone	Benzene	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane	Dichlorodifluoromethane	Ethylbenzene	tert-Butyl Alcohol (TBA)	Tetrachloroethene	Toluene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride	o-Xylene	m,p-Xylene	1,2,4-Trimethylbenzne	2-Butanone (MEK)	2-Hexanone	Isopropyl alcohol (LCC)
SV-1	9-26-25	5	**160**	**12**	<1.9	**12**	<3.1	<1.3	<2.4	<1.0	**2.0J**	**3.7**	**4.0J**	**3.9**	**15**	<5.6	**7.1**	<1.3	**1.7J**	**3.9J**	<7.4	**55**	**4.2J**	<12
SV-1	9-26-25	10	**79**	**20**	<1.9	**36**	**1.2J**	<1.3	**3.8**	**0.87J**	<2.5	**2.8**	<6.1	<3.4	**26**	<5.6	<7.0	<1.3	**1.5J**	**3.2J**	<7.4	**23**	<6.1	<12
SV-2	9-26-25	5	**72**	**14**	<1.9	**24**	<3.1	<1.3	<2.4	<1.0	**2.3J**	**4.4**	**5.2J**	**2.3J**	**24**	<5.6	**14**	<1.3	**3.1**	**8.0J**	**2.8J**	**25**	**9.3**	<12
SV-2	9-26-25	10	**96**	**15**	**1.3J**	**250**	<3.1	<1.3	<2.4	<1.0	**2.3J**	**3.6**	**4.8J**	**2.1J**	**17**	**1.7J**	<7.0	<1.3	**3.4**	**3.6J**	<7.4	**33**	<6.1	<12
SV-3	9-26-25	5	**46**	**17**	<1.9	**7.6**	<3.1	<1.3	<2.4	<1.0	**2.2J**	**3.7**	**4.5J**	**1.8J**	**33**	<5.6	<7.0	<1.3	**3.6**	**10**	**2.1J**	**11**	<6.1	**8.4J**
SV-3 DUPE	9-26-25	5	**48**	**24**	<1.9	**33**	<3.1	<1.3	<2.4	<1.0	**2.2J**	**3.9**	**4.2J**	<3.4	**31**	<5.6	**5.3J**	<1.3	**3.9**	**10**	<7.4	**12**	<6.1	**9.5J**
SV-3	9-26-25	10	**79**	**19**	<1.9	**580**	**1.1J**	<1.3	<2.4	**4.0J**	**2.3J**	**3.2**	**4.3J**	<3.4	**31**	**2.3J**	<7.0	**0.99J**	**3.0**	**7.9J**	<7.4	**17**	<6.1	<12
SV-4	9-26-25	5	**37**	**14**	<1.9	**21**	<3.1	**0.80J**	<2.4	**1.1**	**2.1J**	**1.9J**	**5.5J**	**1.8J**	**13**	<5.6	<7.0	<1.3	**1.9J**	**4.6J**	<7.4	**13**	<6.1	<12
SV-4	9-26-25	10	**58**	**21**	<1.9	**1.7J**	<3.1	<1.3	<2.4	<1.0	**2.3J**	<2.2	<6.1	<3.4	**1.7J**	<5.6	**5.9J**	<1.3	<2.2	<8.7	<7.4	**12**	<6.1	**7.9J**
SV-5	9-26-25	5	**140**	**12**	<1.9	**11**	<3.1	<1.3	<2.4	<1.0	**2.2J**	**1.7J**	**3.4J**	<3.4	**14**	<5.6	<7.0	<1.3	**1.7J**	**3.9J**	<7.4	**45**	**3.0J**	<12
SV-5	9-26-25	10	**110**	**20**	<1.9	**27**	<3.1	<1.3	<2.4	<1.0	<2.5	**2.3**	<6.1	**6.9**	**18**	<5.6	<7.0	<1.3	**1.7J**	**3.8J**	<7.4	**34**	<6.1	**8.2J**
Screening Level			31,000	0.097	5	730	0.47	94	0.12	94	100	1.1	5,200	0.46	440	1,300	210	0.32	100	100	63	5,200	31	--
Screening Level with 0.03 Attenuation Factor			1,033,333	3.2	167	24,333	16	3,133	4	3,133	3,333	37	173,333	15	14,667	43,333	7,000	10	3,333	3,333	2,100	173,333	1,033	--
Screening Level Source			ESL	SL	RSL	RSL	RSL	RSL	RSL	RSL	RSL	RSL	ESL	SL	SL	SL	RSL	ESL	RSL	RSL	RSL	RSL	RSL	--

Notes:

µg/m^3 – micrograms per cubic meter.
LCC – Leak check compound.
Only detected VOCs are listed. See laboratory report for full list of analytes and method detection limits.
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
ESL - SF Bay Regional Water Quality Control Board, Tier 1 Environmental Screening Level (2025, Rev 2)
SL – DTSC, Human Health Risk Assessment Note #3, Table 3 (Revised April 2025).
RSL – USEPA Regional Screening Level (November 2024).
"--" - not established.
XX – Concentration at or above screening level.

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Table 4 - Groundwater Results – VOCs
(results in µg/L)

Sample Identification	Date Collected	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Tetrachloroethene (PCE)	Trichloroethene (TCE)	All Other VOCs
U.S. EPA Method		8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
GW-1	9-26-25	**8.9J**	<0.50	<1.0	<1.0	<2.0	<1.0	<1.0	ND
GW-1 DUPE	9-26-25	<10	<0.50	<1.0	<1.0	<2.0	<1.0	<1.0	ND
GW-2	9-25-25	<10	<0.50	<1.0	<1.0	<2.0	<1.0	<1.0	ND
GW-3	9-25-25	<10	**0.25J**	<1.0	<1.0	<2.0	<1.0	<1.0	ND
GW-4	9-25-25	**14**	<0.50	<1.0	<1.0	<2.0	<1.0	<1.0	ND
GW-5	9-26-25	<10	<0.50	<1.0	<1.0	<2.0	<1.0	<1.0	ND
Screening Level		1,500	0.43	40	3.5	20	0.64	1.2	Varies
Screening Level Source		ESL	ESL	ESL	ESL	ESL	ESL	ESL	--

Notes:

TPH – Total Petroleum Hydrocarbons
VOCs – Volatile Organic Compounds
µg/L – micrograms per liter
Only detected VOCs are listed. See laboratory report for full list of analytes and method detection limits.
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
ND – not detected
ESL – SF Bay Regional Water Quality Control Board, Environmental Screening Levels (2025, Rev 2)

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Table 5: Groundwater Results for PFAS
(results in ng/L)

Sample Identification	Date Collected	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid((PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Pefluorotridecanoic acid (PFTrDa)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorononanesulfonic acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorododecanesulfonic acid (PFDoS)	4:2 FTS	6:2 FTS	8:2 FTS
GW-1	9-26-25	**410**	**870**	**800**	**230**	**410**	<18	<18	<18	<18	<18	<18	**610**	**450**	**1500**	**24**	**220**	<18	<18	<18	<36	**64**	<36
GW-1 DUPE	9-26-25	**390**	**970**	**720**	**220**	**390**	<17	<17	<17	<17	<17	<17	**660**	**470**	**1,600**	**27**	**230**	<17	<17	<17	<34	**56**	<34
GW-2	9-25-25	**140**	**210**	**180**	**63**	**310**	**6.3**	**0.98J**	<2.0	<2.0	<2.0	<2.0	**150**	**82**	**320**	**7.4**	**340**	**0.63J**	<2.0	<2.0	<4.1	**130**	**15**
GW-3	9-25-25	**2100**	**4100**	**3900**	**1100**	**3000**	**95**	<18	<18	<18	<18	<18	**1700**	**1200**	**6800**	**130**	**5000**	<18	<18	<18	<36	**1300**	<36
GW-4	9-25-25	**960**	**1800**	**1700**	**390**	**1300**	**36**	<18	<18	<18	<18	<18	**1000**	**690**	**2500**	**59**	**950**	<18	<18	<18	<36	**360**	<36
GW-5	9-26-25	**79**	**130**	**94**	**35**	**220**	**9.7**	**0.75J**	<1.8	<1.8	<1.8	<1.8	**70**	**42**	**230**	**6.0**	**150**	<1.8	<1.8	<1.8	<3.7	**480**	**1.3J**
ESL		18000	--	9900	--	0.0027	59	0.04	6000	1000	--	20000	500	--	3	--	2	--	--	--	--	--	--
US EPA MCL		--	--	--	--	4	10	--	--	--	--	--	--	--	10		4	--	--	--	--	--	--
OEHHA Public Health Goal		--	--	--	--	0.007	--	--	--	--	--	--	--	--			1	--	--	--	--	--	--

Notes:

ng/L –nanograms per Liter
XX – Concentration at or above screening level
ESL - SF Bay Regional Water Quality Control Board, Direct Exposure Human Health Risk Levels (Table GW-1), Environmental Screening Levels (2025, Rev 2)
US EPA MCL –US Environmental Protection Agency Maximum Contaminant Level for drinking water (updated September 2025)
OEHHA Public Health Goal – California Office of Health Hazard Assessment Public Health Goal (April 2024).
-- - Not established.

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Table 5: Groundwater Results for PFAS (cont')
(results in pg/g)

Sample Identification	Date Collected	Perfluorooctanesulfonamide (PFOSA)	NMeFOSA	NEtFOSA	NMeFOSAA	NEtFOSAA	NMeFOSE	NEtFOSE	HFPO-DA (Gen X)	ADONA	PFMPA	PFMBA	NFDHA	9Cl-PF3ONS	11Cl-PF3OUdS	PFEESA	3:3 FTCA	5:3 FTCA	7:3 FTCA
GW-1	9-26-25	<18	<18	<18	<18	<18	<89	<89	<13	<18	<18	<18	<18	<18	<18	<18	<36	<89	<89
GW-1 DUPE	9-26-25	<17	<17	<17	<17	<17	<86	<86	<13	<17	<17	<17	<17	<17	<17	<17	<34	<86	<86
GW-2	9-25-25	**1.3J**	<2.0	<2.0	<2.0	<2.0	<10	<10	<1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<10	<10
GW-3	9-25-25	<18	<18	<18	<18	<18	<90	<90	<14	<18	<18	<18	<18	<18	<18	<18	<36	<90	<90
GW-4	9-25-25	<18	<18	<18	<18	<18	<90	<90	<14	<18	<18	<18	<18	<18	<18	<18	<36	<90	<90
GW-5	9-26-25	**0.99J**	<1.8	<1.8	<1.8	<1.8	<9.2	<9.2	<1.4	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.7	<9.2	<9.2
ESL		--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	--	--
US EPA MCL		--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--
OEHHA Public Health Goal		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

ng/L –nanograms per Liter
XX – Concentration at or above screening level
ESL - SF Bay Regional Water Quality Control Board, Direct Exposure Human Health Risk Levels (Table GW-1), Environmental Screening Levels (2025, Rev 2)
US EPA MCL –US Environmental Protection Agency Maximum Contaminant Level for drinking water (updated September 2025)
OEHHA Public Health Goal – California Office of Health Hazard Assessment Public Health Goal (April 2024).
-- - Not established.

Table 6: Soil Piles Results for OCPs
(results in µg/kg)

Sample Identification	Date Collected	Aldrin	alpha-BHC	beta-BHC	delta-BHC	Gamma-BHC	Chlordane-technical	DDD	DDE	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
CS-1 (SS-1A, -B, -C, -D)	9-16-25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25
CS-2 (SS-2A, -B, -C, -D)	9-16-25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25
CS-3 (SS-3A, -B, -C, -D)	9-16-25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25
CS-4 (SS-4A, -B, -C, -D)	9-16-25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25
Screening Level		39	86	300	3.8(	570	1,700	1,900	2,000	1,900	34	450,000[a]	450,000[a]	380,000	19,000	19,000[b]	19,000[b]	130	70	320,000	450
Screening Level Source		DTSC	DTSC	DTSC	RSL	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC

Notes:

µg/kg –micrograms per kilogram
DTSC - HHRA Note #3, Table 1 - DTSC-Recommended Screening Level (Revised April 2025)
RSL - USEPA Regional Screening Level (November 2024)
(a) – Screening Level for Endosulfan (HHRA Note #3, Revised April 2025)
(b) – Screening Level for Endrin (HHRA Note #3, Revised April 2025)

Table 7: Soil Piles Results for TPH and VOCs
(results in mg/kg)

Sample Identification	Date Collected	TPH by EPA Method 8015B			VOCs by EPA Method 8260D					
		TPH as Gasoline (C_6 –C_{12})	TPH as Diesel (C_{10}-C_{28})	TPH as Motor Oil (C_{17}-C_{44})	Benzene	Toluene	Ethylbenzene	Total Xylenes	Acetone	All Other VOCs
CS-1 (SS-1A,-B -C -D)	9-16-25	<0.099	<4.9	<25	<0.00096	<0.00096	<0.00096	<0.0019	**0.015J**	ND
CS-2 (SS-2A, -B, -C, -D)	9-16-25	<0.096	<4.9	<25	<0.00096	<0.00096	<0.00096	<0.0019	**0.01J**	ND
CS-3 (SS-3A, -B, -C, -D)	9-16-25	<0.096	<4.9	<25	<0.00096	<0.00096	<0.00096	<0.0019	**0.011**	ND
CS-4 (SS-4A, -B, -C, -D)	9-16-25	<0.098	<5.0	<25	<0.00097	<0.00097	<0.00097	<0.0019	**0.017J**	ND
Screening Level		100	200	1,600	0.33	1,400	0.43	2.1	0.91	--
Screening Level Source		ESL	ESL	ESL	SL	SL	ESL	ESL	RSL	--

Notes:

TPH – Total Petroleum Hydrocarbons
VOC – Volatile Organic Compound
mg/kg – milligrams per kilogram
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
ND – Not Detected
ESL – SF Bay Regional Water Quality Control Board, Environmental Screening Levels (2025)
SL – DTSC, HHRA Note #3, Table 1 - DTSC-Recommended Screening Levels for Soil Analytes (Revised April 2025)
RSL - USEPA Regional Screening Level (November 2024)

Table 8: Soil Piles Results CAM 17 Metals
(results in mg/kg)

Sample Identification	Date Collected	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
CS-1 (SS-1A, -B, -C, -D)	9-16-25	**0.299J**	**5.36**	**149**	**0.671**	**0.332J**	**21.3**	**8.59**	**15.1**	**9.51**	<0.08	**0.936**	**15.2**	**1.58**	<0.84	**0.191J**	**41.1**	**52.7**
CS-2 (SS-2A, -B, -C, -D)	9-16-25	**0.283J**	**5.28**	**155**	**0.704**	**0.399J**	**22.6**	**10.8**	**16.1**	**9.88**	**0.048J**	**1.03**	**16.4**	**1.37**	<1.03	**0.186J**	**41.2**	**54.1**
CS-3 (SS-3A, -B, -C, -D)	9-16-25	**0.323J**	**5.10**	**168**	**0.731**	**0.383J**	**24.1**	**12.6**	**15.9**	**9.79**	**0.029J**	**0.918**	**17.4**	**1.67**	<0.899	**0.193J**	**42.8**	**57.2**
CS-4 (SS-4A, -B, -C, -D)	9-16-25	**0.298J**	**5.46**	**155**	**0.746**	**0.32J**	**22.5**	**8.10**	**15.4**	**9.72**	**0.03J**	**0.859**	**15.1**	**1.59**	<1.03	**0.188J**	**42.6**	**55.2**
Screening Level		31	12	15,000	16	7.1	120,000	23	3,100	80	0.67	390	820	390	390	1.6	390	23,000
Screening Level Source		RSL	DTSC	RSL	DTSC	DTSC	RSL	RSL	RSL	DTSC	DTSC	RSL	DTSC	RSL	RSL	RSL	RSL	RSL

Notes:

mg/kg – milligrams per kilogram
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
DTSC – HHRA Note #3, DTSC-Recommended Screening Level (Revised April 2025)
RSL - USEPA Regional Screening Level (November 2024)

Table 9: Soil Piles Results for PCBs
(results in mg/kg)

Sample Identification	Date Collected	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	PCBs Total
CS-1 (SS-1A, -B, -C, -D)	9-16-25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CS-2 (SS-2A, -B, -C, -D)	9-16-25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CS-3 (SS-3A, -B, -C, -D)	9-16-25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CS-4 (SS-4A, -B, -C, -D)	9-16-25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Screening Level		6.6	0.20	0.17	0.23	0.23	0.24	0.24	0.23
Screening Level Source		DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC	DTSC

Notes:
PCBs – Polychlorinated biphenyls
mg/kg – milligrams per kilogram
DTSC – HHRA Note #3, Table 1 - DTSC-Recommended Screening Level (Revised April 2025)

PLATES



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

DISTRICT OFFICES / OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 1

SITE LOCATION



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (11/23)

0 300
FEET

DISTRICT OFFICES / OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 2

SITE MAP



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (11/23)

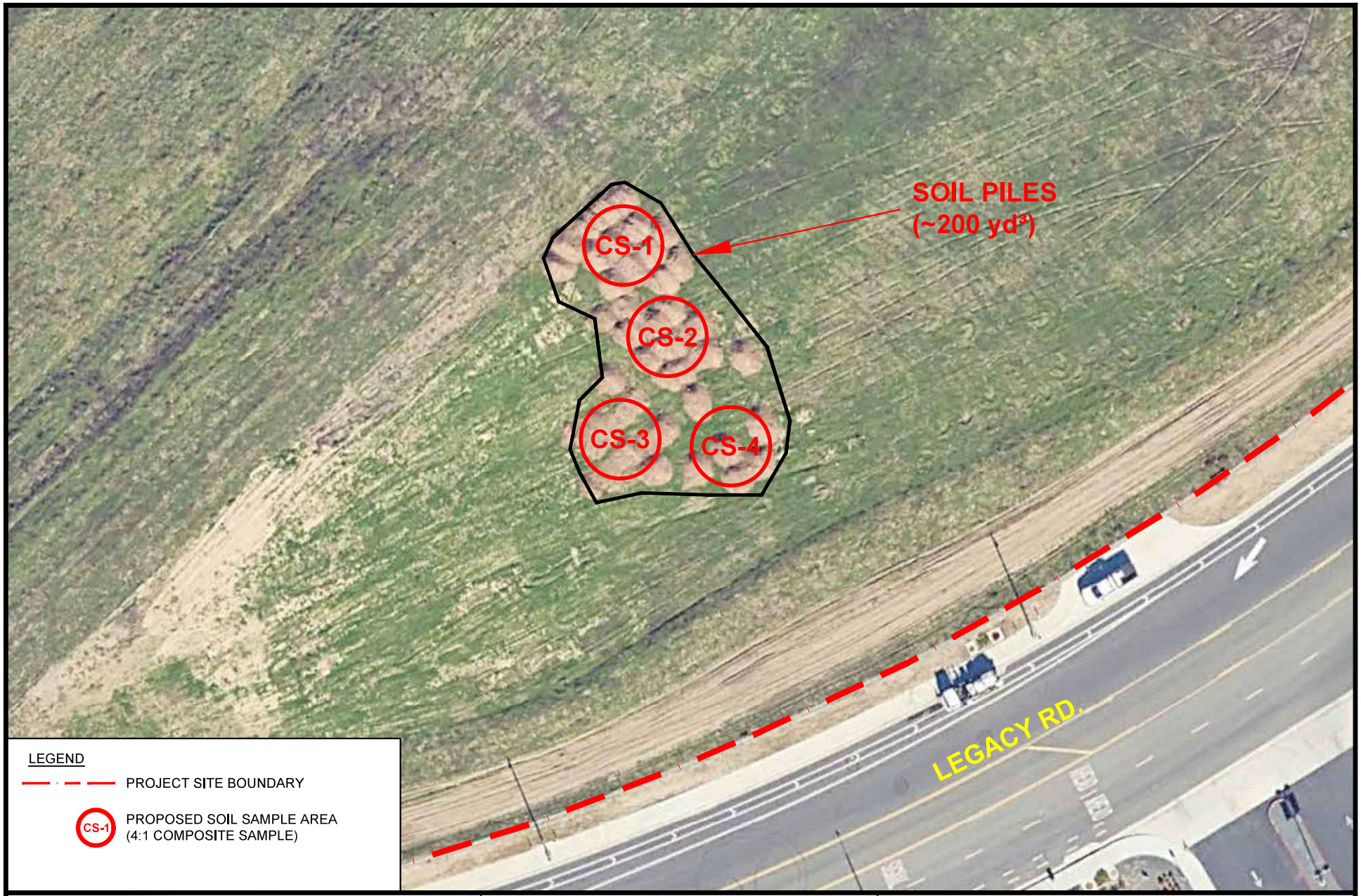
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FEET

DISTRICT OFFICES/OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 3

SAMPLING PLAN
(SOIL GAS AND GROUNDWATER)



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (11/23)

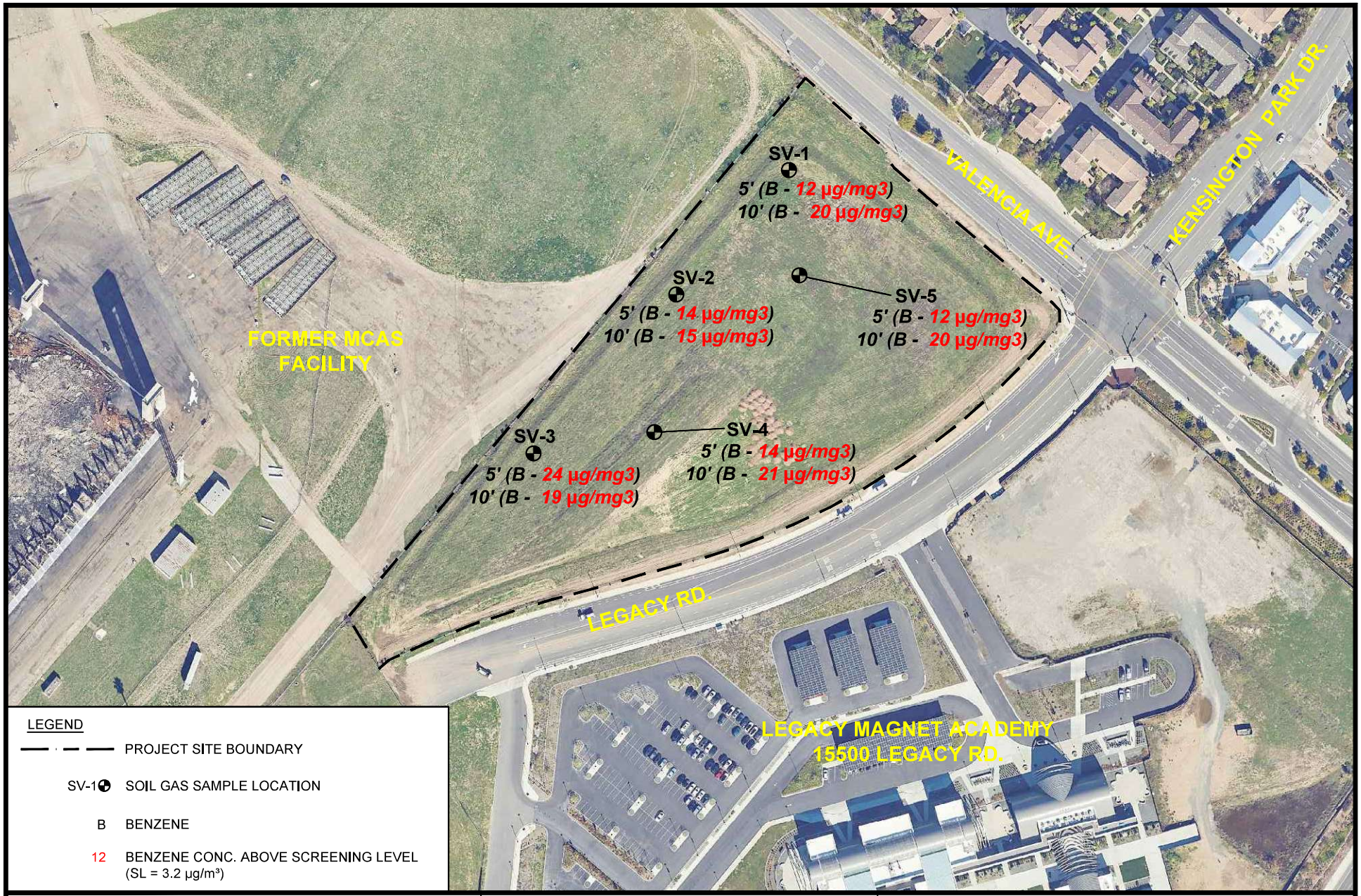
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FEET

DISTRICT OFFICES / OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 4

SAMPLING PLAN
(SOIL PILES)



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (11/23)

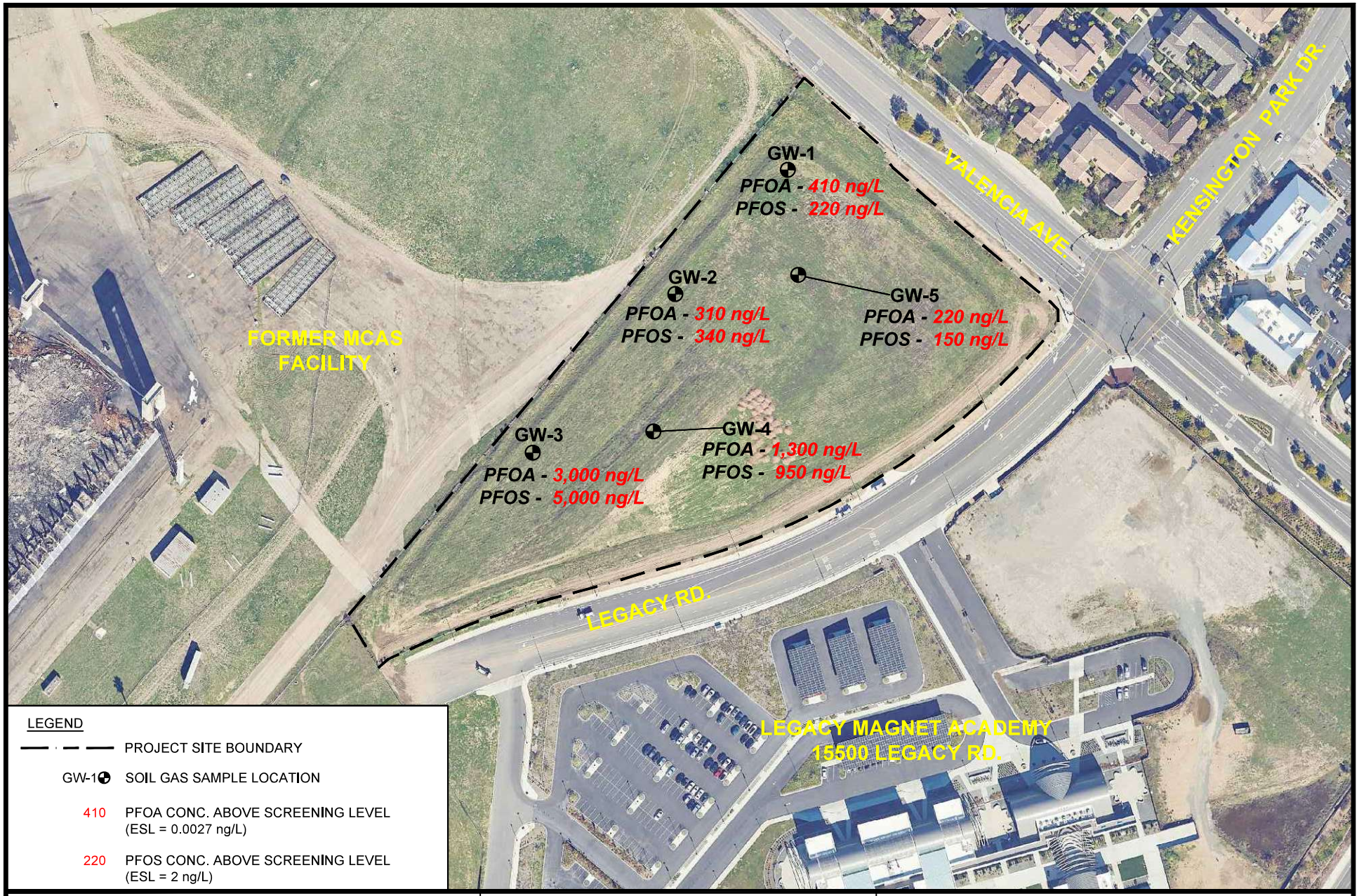
0 200
FEET

DISTRICT OFFICES/OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 5

SOIL GAS RESULTS (BENZENE)



padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (11/23)

0 200
FEET

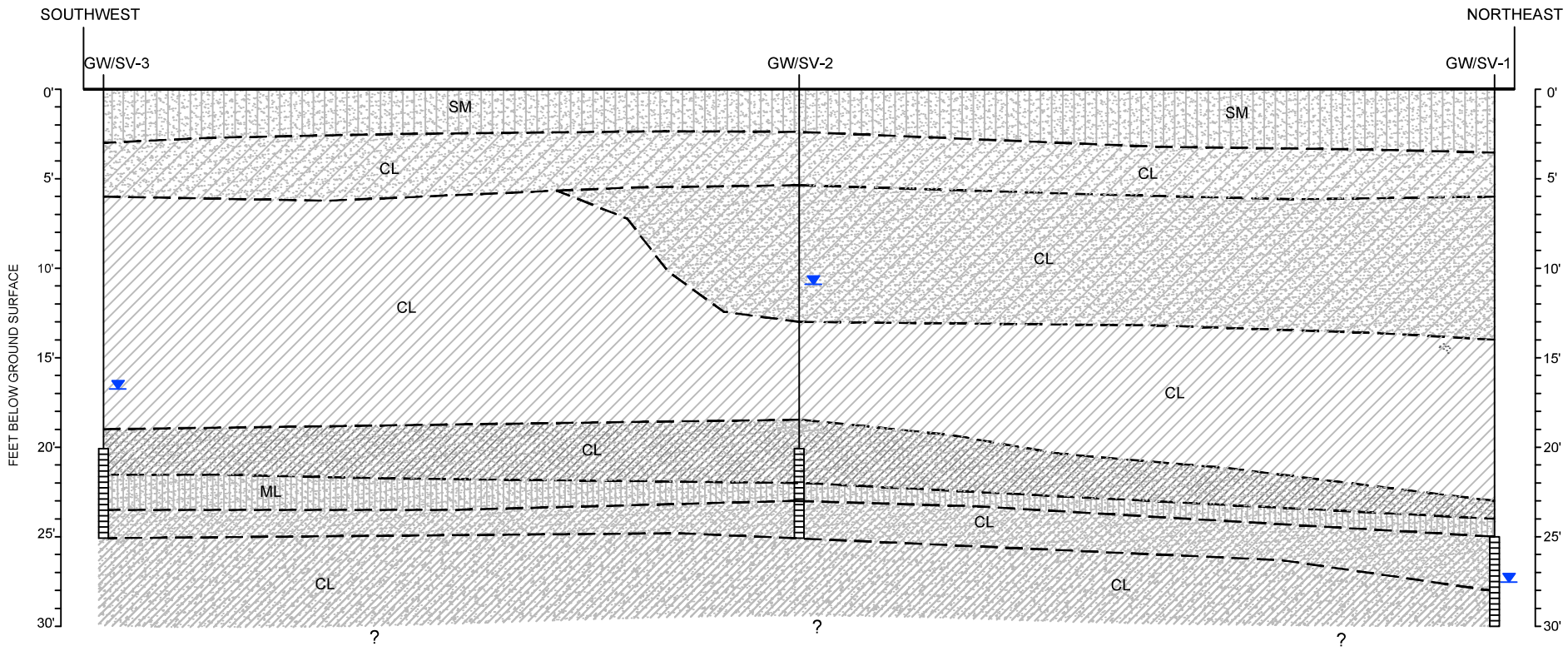
DISTRICT OFFICES/OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 6

GROUNDWATER RESULTS (PFOA and PFOS)

GENERALIZED PROJECT SITE CROSS-SECTION



LEGEND

- ***Depth to Initial Water***
- ***Screened Interval***
- ***Gradational contact (approximate)***

Refer to the Drill Hole logs for soil descriptions

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

DISTRICT OFFICES/OUTDOOR CENTER
VALENCIA AVENUE AND LEGACY ROAD
TUSTIN, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-0092	11/5/25	AC	AJK

PLATE 7

PROJECT SITE CROSS-SECTION

APPENDIX A

TUSTIN MCAS – LEGACY INFORMATION

US MARINE CORPS AIR STATION TUSTIN - OU-1B - IRP-12 DRUM STORAGE AREA NO. 2 (DOD100395500) - (MAP)

SIGN UP FOR EMAIL ALERTS

COPELAND
TUSTIN, CA 92710
ORANGE COUNTY
MILITARY CLEANUP SITE (INFO)
OPEN - REMEDIATION AS OF 12/4/2007 - DEFINITION
ASSOCIATED ENVIROSTOR PROJECTS
PRINTABLE CASE SUMMARY / CSM REPORT

CLEANUP OVERSIGHT AGENCIES
DEPARTMENT OF TOXIC SUBSTANCES CONTROL *(LEAD)* - *CASE #: 30970002*
SANTA ANA RWQCB (REGION 8) *(LEAD)* - *CASE #: 165-81 -- 9*
CASE MANAGER: ***PATRICIA HANNON***

Summary Cleanup Action Report Regulatory Activities *Environmental Data (ESI)* Site Maps / Documents Community Involvement *Related Cases*

Regulatory Profile

PRINTABLE CASE SUMMARY

MILITARY BASE
TUSTIN MCAS

CLEANUP STATUS - DEFINITIONS
OPEN - REMEDIATION AS OF 12/4/2007 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
OTHER CHLORINATED HYDROCARBONS, PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS), TRICHLOROETHYLENE (TCE)

POTENTIAL MEDIA OF CONCERN
AQUIFER USED FOR DRINKING WATER SUPPLY, OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL

FILE LOCATION
REGIONAL BOARD

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - DEFINITIONS
MUN, AGR, IND, PROC

DWR GROUNDWATER SUB-BASIN NAME
Coastal Plain Of Orange County (8-001)

CALWATER WATERSHED NAME
Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)

Site History

Installation Restoration Program (IRP) Site 12 was located in the northwestern portion of the Former MCAS Tusitn, along Copeland Street. Site 12 occupies 3.5 acres and includes two buildings (90 and 20B) and several former drum storage areas once used to manage hazardous wastes, including assorted unidentified solvents, motor oil, and hydraulic fluids. Site 12 also includes a former underground storage tank site as well as 8 Areas of Concern. Three subareas within the site reportedly used for drum storage from the mid-1960s until 1975 and experienced leaks or releases. These release included: assorted organic liquids, including solvents, motor oil, and hydraulic fluids.

Site 12 was identified as a potential location of hazardous substance release during the 1983-1984 Initial Assessment Study. A Site Inspection was

conducted from 1990 through 1993 to confirm contaminate release at potential release locations. In 1994 through 1995 an expanded site characterization which included installation groundwater monitoring wells was completed. A Remedial Investigation was conducted from 1995 through 1997 to determine the nature and extend of contamination at IRP sites, including Site 12. Site 12 was placed into Operable Unit 1B. Based on the Remedial Investigation the most commonly and widespread contaminant detected in soil and groundwater was tricholoethene (TCE). Several other common solvents and or breakdown products of TCE were identified at trace levels in site soils.

The Final Record of Decision for Operable (OU) Unit 1B, dated October 2004 selected hot spot removal and off-site disposal for contaminated soil, extraction and treatment for contaminated groundwater, and institutional controls.

From July 29 through October 13, 2005, 3,356 cubic yards of solvent-contaminated soil from six locations was excavated and transported off-site for disposal.

The groundwater remediation system for OU-1A/-1B consist of groundwater extraction well, groundwater conveyance system, groundwater treatment systems, treated effluent discharge systems, and a groundwater monitoring network. Site 12 has 3 extraction wells were completed in the first water bearing zone (WBZ), 1 extraction well was completed in the second WBZ, 1 extraction well was completed as ﷺhot spot wells, and remaining wells were completed for hydraulic control. Primary extracted groundwater treatment utilizes activated carbon absorption. The effluent is discharge to the sanitary sewer system. The remedial system started operation on July 29, 2005.

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CASE SUMMARY

REPORT DATE
1/2/1965

HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME
US Marine Corps Air Station Tustin - OU-1B - IRP-12 Drum Storage Area No. 2

FACILITY ID

FACILITY ADDRESS
Copeland
Tustin, CA 92710
ORANGE COUNTY

ORIENTATION OF SITE TO STREET

CROSS STREET
Valencia Avenue

V, SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

OTHER CHLORINATED HYDROCARBONS
TRICHLOROETHYLENE (TCE)
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED

HOW DISCOVERED
Site Assessment/Site Investigation

DESCRIPTION

DATE STOPPED

STOP METHOD
Change Operating Procedures
Other Means

DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE

CAUSE OF DISCHARGE

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

Aquifer used for drinking water supply
Other Groundwater (uses other than drinking water)
Soil

IX. REMEDIAL ACTION

REMEDIAL ACTION	BEGIN DATE	END DATE	DESCRIPTION
Pump & Treat (P&T) Groundwater	7/29/2005	10/13/2005	Water from excavations treated at the treatment systems at UST 222 and IRP13S
Excavation	7/29/2005	10/13/2005	Soil was excavated from six locations
Pump & Treat (P&T) Groundwater	12/4/2007	12/30/2008	Final remedy installed and operational. Extracted groundwater is treated with granular activated carbon filters to remove the volatile organic compounds (VOCs) and is discharged to the sanitary sewer.
Pump & Treat (P&T) Groundwater	1/1/2008	12/31/2008	Flow volume is total for OU-1A/1B treatment system. Mass removal estimate is for total VOC for IRP Site 12.
Pump & Treat (P&T) Groundwater	1/1/2009	12/31/2009	Flow volume is total treated by the OU1A/1B treatment system. Mass removed is IRP Site 12 specific.
Pump & Treat (P&T) Groundwater	1/1/2010	12/31/2010	
Pump & Treat (P&T) Groundwater	1/1/2011	12/31/2011	
Pump & Treat (P&T) Groundwater	1/1/2012	12/31/2012	
Pump & Treat (P&T) Groundwater	1/1/2013	12/31/2013	
Pump & Treat (P&T) Groundwater	1/1/2013	12/31/2013	
Pump & Treat (P&T) Groundwater	1/1/2014	12/31/2014	
Pump & Treat (P&T) Groundwater	1/1/2015	12/31/2015	1.81 million gal. of groundwater extracted and treated
Pump & Treat (P&T) Groundwater	1/1/2020	12/31/2020	
Pump & Treat (P&T) Groundwater	1/1/2021	12/31/2021	
Pump & Treat (P&T) Groundwater	1/1/2022	12/31/2022	0.02 pounds of TCE was removed in 2022.
Pump & Treat (P&T) Groundwater	1/1/2023	12/31/2023	

X. GENERAL COMMENTS

Installation Restoration Program (IRP) Site 12 was located in the northwestern portion of the Former MCAS Tusitn, along Copeland Street. Site 12 occupies 3.5 acres and includes two buildings (90 and 20B) and several former drum storage areas once used to manage hazardous wastes, including assorted unidentified solvents, motor oil, and hydraulic fluids. Site 12 also includes a former underground storage tank site as well as 8 Areas of Concern. Three subareas within the site reportedly used for drum storage from the mid-1960s until 1975 and experienced leaks or releases. These release included: assorted organic liquids, including solvents, motor oil, and hydraulic fluids.

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The groundwater remediation system for OU-1A/-1B consist of groundwater extraction well, groundwater conveyance system, groundwater treatment systems, treated effluent discharge systems, and a groundwater monitoring network. Site 12 has 3 extraction wells were completed in the first water bearing zone (WBZ), 1 extraction well was completed in the second WBZ, 1 extraction well was completed as hot spot wells, and remaining wells were completed for hydraulic control. Primary extracted groundwater treatment utilizes activated carbon absorption. The effluent is discharge to the sanitary sewer system. The remedial system started operation on July 29, 2005.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER	REGIONAL BOARD CASE NUMBER
30970002	165-81 -- 9

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

CONTACT NAME	INITIALS	ORGANIZATION NAME	EMAIL ADDRESS
PATRICIA HANNON	PAH	SANTA ANA RWQCB (REGION 8)	patricia.hannon@waterboards.ca.gov

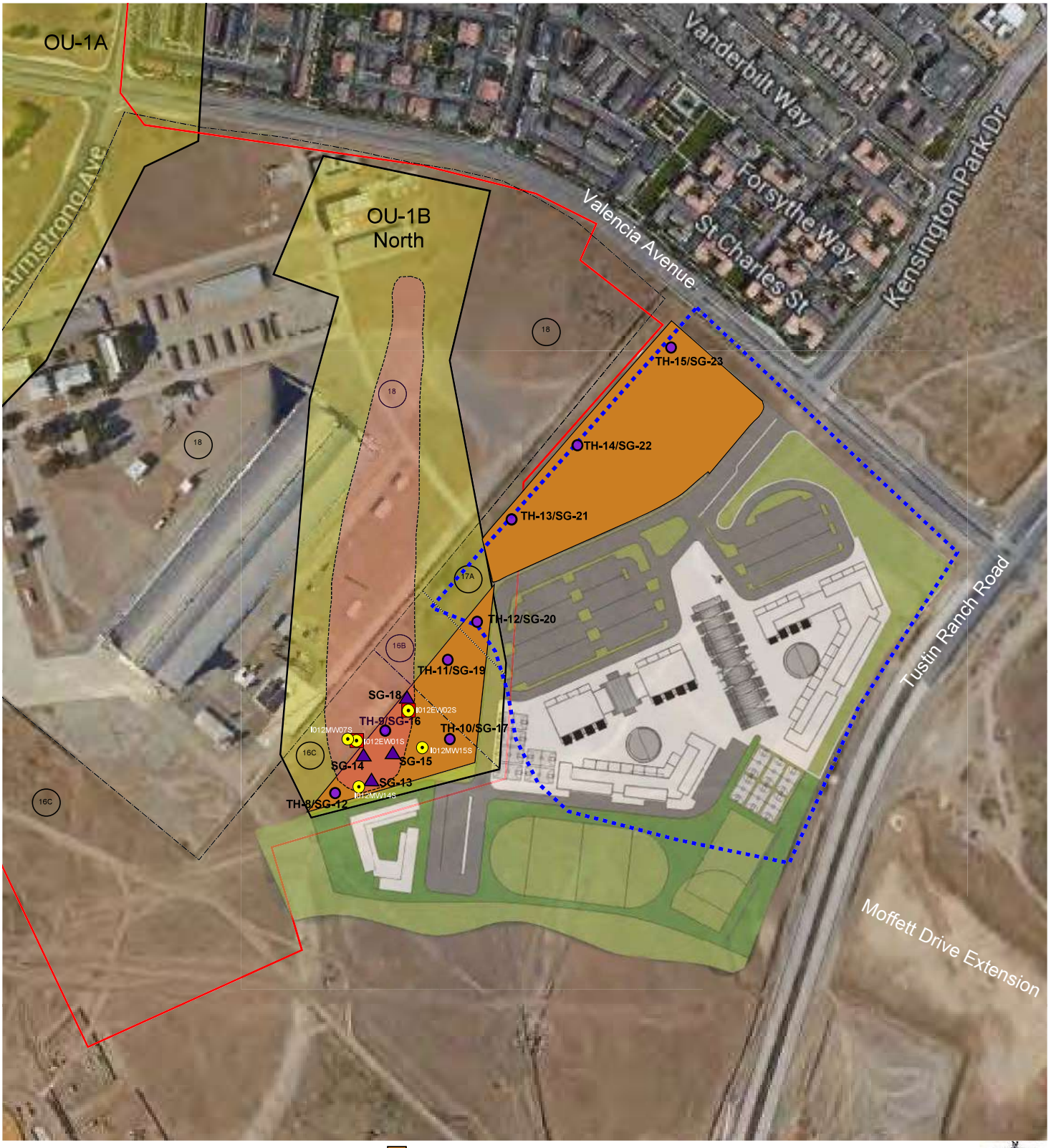
ADDRESS
3737 MAIN STREET, SUITE 500
RIVERSIDE, CA 925013348

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
office	(951)-782-4498	

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Scale: 1" = 445'



Areas Requiring Institutional Controls - Groundwater
Areas Requiring Institutional Controls - Vapor Intrusion
TCE in Groundwater (2013)
Parcels to be donated by City of Tustin
Proposed Soil Gas Location (SG)
Proposed Soil, Soil Gas, and Groundwater Sampling Location
Former Proposed Boundary
MCAS Extraction Well
MCAS Monitoring Well

ADVANCED ENVIRONMENTAL CONCEPTS INC
220 East Truxtun Avenue
Bakersfield, California 93305
(661) 395-1646

Proposed Soil, Soil Gas, and Groundwater Sampling Locations

Tustin MCAS - Legacy
City of Tustin Donation Parcel(s)
County of Orange • Tustin, California

FIGURE

2

APPENDIX B

ORANGE COUNTY PERMIT

APPLICATION FOR WELL/EXPLORATORY BORING PERMIT

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION

OFFICE: 1241 E. DYER ROAD, SUITE 120 SANTA ANA, CA 92705-5611

EHOCWELLS@OCHCA.COM
714-433-6000

WELL PERMIT NO. 25-09-30

For multiple cities, addresses, or locations, complete a separate permit application. **PROPOSED START DATE** 09/25/2025

CITY: TUSTIN

WELL LOCATION / STREET INTERSECTION: **APN 430-391-76** **FIELD** WEST OF VALENICA AVE. AND LEGACY RD.

RECEIVED/ACCOUNTING SEP - 2 2025 ENVIRONMENTAL HEALTH

LATITUDE (DECIMAL): 33.710986

LONGTITUDE (DECIMAL): -117.820686

OVERSIGHT AGENCY (if applicable)

EMAIL PERMIT TO: ALAN CHURCHILL

■ Consultant ☐ Driller ☐ Well Owner

SERVICE ■ **Construction** ☐ **Destruction** (Fee is per well)

WATER WELLS (complete one permit application for per water well)
☐ Public Domestic/Municipal ☐ Private Domestic & No. of connections ___ ☐ Irrigation

☐ CATHODIC WELL (complete one permit application for per cathodic well)

NON-PRODUCTION WELLS (fee is the same as monitoring well construction) Total No. of Wells _____

☐ Monitoring ____ ☐ Air Sparge ____ ☐ Soil Vapor Extraction ___ ☐ Electrical Grounding Well ____

☐ Water Extraction ____ ☐ Inclinometer ____ ☐ Injection/Recharge ____ ☐ Geothermal Heat Exchange ___

☐ Piezometer ____ ☐ Horizontal ____ ☐ Soil Vapor Probes ____ (non-Direct Push) ☐ Other _____ ____

EXPLORATORY BORINGS
(complete separate permits for probe survey and soil boring. Also complete the WELL & EXPLORATORY BORING DESTRUCTION section on the next page.)

■ Probe Survey (CPT or Direct Push Only) 6 (flat fee)
■ Probe Survey Soil Vapor Probes (Direct Push) 6 (flat fee)
☐ Soil Boring (hollow stem auger, mud rotary, sonic, or bucket auger, etc...) ___
(Fee for soil borings is same as Monitoring Well)

FOR ACCOUNTING USE ONLY

HSO NO 444595 PAYMENT METHOD CC # 14823

DATE 09/12/25 AMOUNT 788.00

INTL kaA

APPROVAL BY OTHER AGENCIES

JURISDICTION **CA WELL STANDARDS & OC WELL ORDINANCE**

REMARKS

THE SOIL VAPOR PROBES (SVPs) WERE APPROVED AND PERMITTED WITH EXEMPTIONS FROM THE MINIMUM CONSTRUCTION STANDARDS FOR MONITORING WELLS. THEREFORE, THEY REQUIRE OVERDRILLING OUT WITHIN 2 WEEKS OF COMPLETION. THE REMAINING BOREHOLES SHALL BE BACKFILLED WITH AN APPROVED SEALING MATERIAL FROM BOTTOM TO WITHIN 5 FEET B.G.S.

AUTHORIZED SIGNATURE DATE

FOR OFFICE USE ONLY
NO PERMIT IS DEEMED COMPLETED UNTIL THE FOLLOWING ARE MARKED AND SIGNED OFF:
☐ NOTIFICATION OF COMPLETION RECEIVED
☐ FINAL INSPECTION
☐ ALL REQUIRED DOCUMENTS RECEIVED

PRINT NAME PHONE NUMBER

DISPOSITION OF PERMIT (FOR OFFICE USE ONLY)

X APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

NOTIFY THIS AGENCY AT LEAST 48 HOURS:

X PRIOR TO ANY CHANGES OF THE WORK PLAN.

☐ PRIOR TO SEALING THE ANNULAR SPACE.

☐ PRIOR TO FILLING OF CONDUCTOR CASING.

X SUBMIT TO THIS AGENCY, WITHIN 30 DAYS OF COMPLETION OF WORK, A COPY OF THE WELL COMPLETION REPORT(S) AND/OR DRILLING LOG(S). PLEASE REFERENCE PERMIT NO.

X SECURE ALL WELLS TO PREVENT TAMPERING.

X NOTIFY WHEN ALL WORK IS COMPLETED AND INCLUDE THE DEPTH TO FIRST ENCOUNTERED WATER, PHOTO DOCUMENTATION, AND/OR COPIES OF CEMENT TICKETS/CALCULATIONS.

☐ WORK COMPLETED PRIOR TO SUBMITTING PERMIT APPLICATION TO THIS AGENCY

X OTHER **PERMIT EXPIRES ON 09-23-2026**

Juan Anzora 09-19-2025

PERMIT ISSUED BY DATE

JUAN ANZORA **714-433-6287**

PRINT NAME PHONE NUMBER

WHEN SIGNED BY AN ORANGE COUNTY HEALTH CARE AGENCY REPRESENTATIVE, THIS APPLICATION IS A VALID PERMIT.
(R01/22)

I hereby agree to comply with all applicable requirements of the Health Care Agency and with all ordinances and laws of the County of Orange and of the State of California pertaining to well construction, reconstruction and destruction, including the requirements to maintain the integrity of all significant confining zones. A violation of the California Well Standards and the local Well Ordinances may constitute a misdemeanor (County Well Ordinance Sec. 4-5-31).

WELL OWNER

WELL OWNER'S NAME	EMAIL ADDRESS
TUSTIN UNIFIED SCHOOL DISTRICT	trizzuti@tustin.k12.ca.us

WELL OWNER'S ADDRESS / CITY / STATE/ ZIP CODE	TELEPHONE NUMBER
300 SOUTH C ST., TUSTIN, CA 92780	949-293-4850

WELL OWNER'S SIGNATURE	DATE
Tom Rizzuti — Digitally signed by Tom Rizzuti; DN: C=US, E=trizzuti@tustin.k12.ca.us, O=Tustin Unified School District, CN=Tom Rizzuti; Reason: I am approving this document; Date: 2025.09.08 14:04:58-07'00'	09/09/2025

CONSULTING FIRM

NAME OF CONSULTING FIRM	BUSINESS ADDRESS/CITY/STATE/ZIP CODE	PROFESSIONAL LICENSE NUMBER
PADRE ASSOCIATES	1861 KNOLL DR., VENTURA, CA 93003	PG 9378

CONSULTANT'S SIGNATURE	DATE	EMAIL ADDRESS
Alan Churchill — Digitally signed by Alan Churchill; Date: 2025.09.08 14:58:56 -07'00'	09/09/2025	achurchill@padreinc.com

DRILLING CONTRACTOR

NAME OF DRILLER	EMAIL ADDRESS	C-57 LICENSE NUMBER
CASCADE Remediation Services	aamort@cascade-env.com	1069034

DRILLER'S SIGNATURE	DATE
Alexander Amort — Digitally signed by Alexander Amort; DN: CN=Alexander Amort, E=aamort@cascade-env.com, C=US; Reason: I am the author of this document; Location: ; Date: 2025.09.08 11:21:26-07'00'; Foxit PDF Editor Version: 2025.1.0	09/09/2025

REQUIRED DOCUMENTS

WATER & STORMWATER DRY INJECTION WELL CONSTRUCTION

☐ An approval from the Division of Drinking Water (DDW) for public or municipal water wells.

☐ A cross-section well diagram detailing total depth, borehole diameter, depth and thickness of the sanitary seal(s), type(s) of casing(s), and length(s) of screen(s) / slotting. A top view is required for nested wells that demonstrate the radial thickness separation.

☐ Indicate the number of water aquifers the well will be screened through.

☐ A site map using a 250-foot radius from the proposed water well location that includes locations and distances to:

- All existing, active, inactive, and/or abandoned water wells.
- All existing, abandoned, and/or proposed sewer lines, recycled water lines, and storm drain lines.
- All active and/or abandoned leach fields, cesspits, and septic tanks.
- All animal enclosures (e.g., stables, coops, kennels, etc.).
- All water courses and/or bodies of water, including, but not limited to: rivers, creeks, ponds, retention ponds, and/or swimming pools.
- All other underground storage tanks and open (regulated) remediation sites.
- All nearby structures (e.g., commercial and residential buildings, houses, storage sheds) sanitary hazards and their locations.

NON-PRODUCTION WELL CONSTRUCTION

☐ Written work plan. For regulated sites, an approved work plan by the overseeing regulatory agency must be included for the installation of any type of nested well.

☐ Site map(s) showing the locations of the proposed wells (no topographical maps).

☐ A cross-section well diagram detailing total depth, borehole diameter, depth and thickness of the sanitary seal(s), type(s) of casing(s), and length(s) of screen(s) / slotting. A top view is required for nested wells that demonstrates a 2-inch radial thickness separation between casings and casing and wall of the borehole.

WELL & EXPLORATORY BORING DESTRUCTION

■ Written work plan. For regulated sites, an approval of the work plan by the overseeing regulatory agency must be included.

■ Site map(s) showing the locations of the wells to be destroyed (no topographical maps).

■ Type and amount of sealant (show calculations for water wells):

Total depth ~210 feet Borehole diameter 3 inches Sealing material NEAT CEMENT

■ Method of destruction:

☐ Pressure grout / removal of top 5 feet casing / removal of well boxes ■ Overdrill ☐ Excavation

■ Other vapor wells will be overdrilled within 2 weeks of sampling; direct push probes will be tremmie grouted.

(R01/22)

25-09-30 TEMPORARY NESTED SOIL VAPOR PROBE CONSTRUCTION PERMIT

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH DIVISION
HEALTH SERVICE ORDER

M53525 Wells 444595

Date 9,12,25 Initials MA

Client Name Tustin Unified School District

Address 300 South C. St. Tustin, CA 92780 Ph# _____

Paid By Padre Associates, Inc. Engineer Geologists & Environmental Scientists

Address 1861 Knoll Drive.

Ventura, CA 93003 Ph# _____

Please circle the respective service code(s)

01	FSP /HSF (Acct/Bat# _____)	$_____
02	FSP Plan Check/Foods (PC# _____)	$_____
03	PSP Plan Check/Pools (PC# _____)	$_____
04	Food Vehicles Cat _____	$_____
	Decal No(s) _____ _____	
05	FSP/ PSP Restitution or Judgement	$_____
	Name _____	
	Case# _____	
06	Hotels/Motels (Acct/Bat# _____)	$_____
07	Massage Parlor (Acct/Bat# _____)	$_____
08	PSP Pool Safety Program	$_____
09	Liquid Waste Hauler	$_____
11	Aboveground Petroleum Storage Act	$_____
12	Hazardous Waste (Acct/Bat# _____)	$_____
13	CUPA Administrative Enforcement Orders	$_____
14	Hazardous Waste Restitution/Judgment	$_____
	Name _____	
	Case# _____	
15	Hazardous Waste Clean-up _____	$_____
16	Medical Waste/Body Art _____)	$_____
17	UST/HSF (Acct/Bat# _____)	$_____
18	UST Plan Check (PC# _____)	$_____
19	UST State Surcharge	$_____
20	UST Restitution/Judgment	$_____
	Name _____	
	Case# _____	
(21)	Wells (Const X Recon____ Destr _____)	$ 788.00
	Water____ Cath____ Init. Monit. _____)	
	Add. Monit.____ #Wells 6 TEMP. NESTED SVP	
	Driller CASCADE REMEDIATION SERVICES	
	Consultant PADRE ASSOCIATES	
22	Backflow/Cross Connection _____	$_____
	Client(s) _____	
	_____	
23	Small Water Systems	$_____
24	CUPA - Base Fee	$_____
25	CUPA - CalArp	$_____
26	FOG- OC Sanitation District	$_____
27	Tierred Permitting	$_____
43	Haz Mat Disclosure	$_____
__	OTHER _____	$_____
__	OTHER _____	$_____
__	OTHER _____	$_____
__	OTHER _____	$_____

PAID BY CHECK NO: 14823

07/06/25

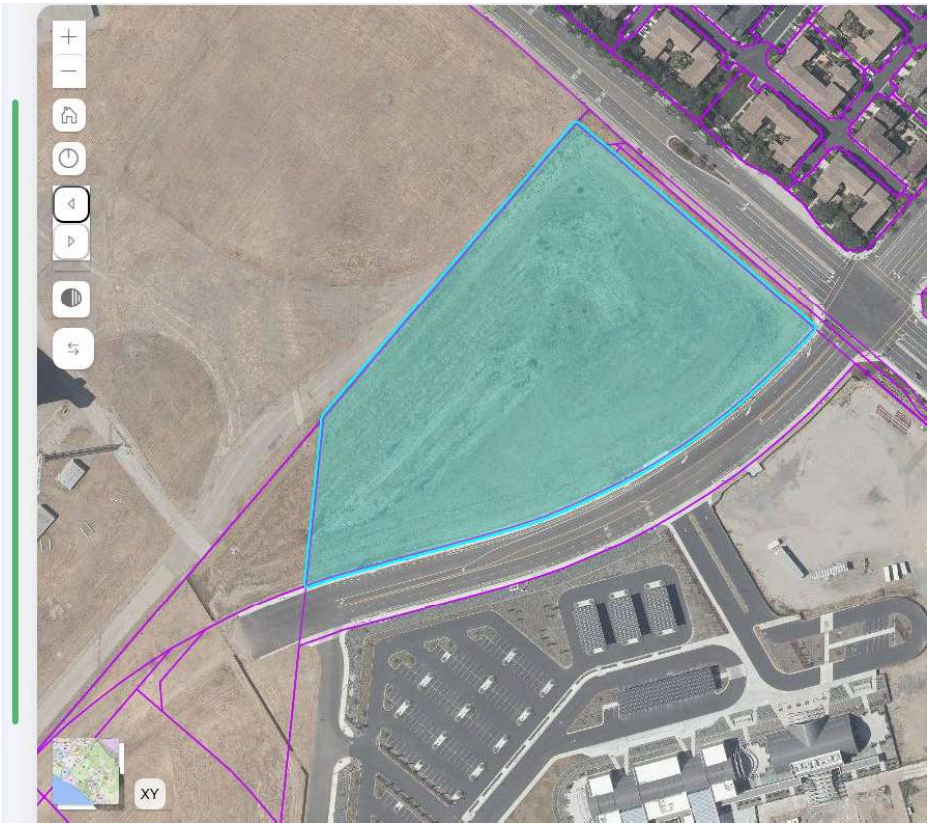
From: EH OC Wells
To: Alan Churchill; Alex Amort
Cc: trizzuti@tustin.k12.ca.us; EH OC Wells
Subject: RE: Permit Status - Tustin, Ca
Date: Monday, September 22, 2025 2:17:45 PM
Attachments: image001.png
image003.png
image002.png
image005.png
image004.png
25-09-30 Temp. Nested SVP Construction Permit.pdf

Good afternoon,

Included with this message is a PDF attachment of the approved temporary nested soil vapor probe (SVP) construction permit application for the sites located within the field west of Valencia Ave. and Legacy Rd. in Tustin. Please note the HCA's well permitting section issues well and exploratory boring permits per discrete APN or site address. This permit is valid for APN 430-391-76 and does not cover the area where SV-4/GW-4 is proposed to be drilled (APN 430-381-90). This SVP will need to be permitted separately, moved to the permitted APN area, or omitted from the work plan (see APN map below):

APN	430-391-76
Map No.	MD
Doc No.	201700456342
Lot Type	Lot
Lot No.	A
Legal Description	TR 17026 LOT 35 POR OF AND TR 17404 POR OF LOTS IIIII & JJJJJ
Doc. Ref. Date	
Doc. Ref. No.	201700456342
Landuse	601
Owner Names	TUSTIN UNIFIED SCHOOL DISTRICT
Mail Address	300 S C TUSTIN 92780-3695
Site Address	
City/State	
Zipcode	
Land Value	7323053
Improved Value	
Assessed Amount	
Legal Start Date	10/26/2017
Zone Class	
Zoning Detail	
Zoning Desc.	

Area: 334,881.96 sqft





https://webapps.ocgis.com/oclandinsights/map-viewer?id=2

Approval of the permit application is contingent on the following requirements:

- All notifications and document submittals shall be via e-mail. Use the permit number on the subject line and on the documents for reference.
- Notify this Agency at least 2 business days prior to start.
- Notify this Agency of any changes to the work plan at least 2 business days prior to start to review and approve the changes.
- **Install the nested SVPs in a manner that will allow for their proper destruction via overdrilling to total depth and backfilling the remaining borings with an approved sealing material from bottom to within 5 feet b.g.s.**
  - **All nested SVPs shall be removed/destroyed within 2 weeks of completion.**
- Notify this Agency when all work is completed and include the depth to first encountered groundwater.
- Submit copies of the boring logs within 30 days of completion of work.
- This permit will expire on 09-23-2026 at 11:59 p.m. No extensions shall be granted.
- Failure to adhere to the permitting requirements is a violation of the California Well Standards and the Well Ordinance, and constitutes a misdemeanor.
  - Violations may affect future well permitting with this Agency until they are either corrected or mitigated.
  - Violations may also be referred to the WSAB, the BPELSG, and/or the CSLB for further disciplinary actions.

If you have comments or questions regarding the permit, you may reply to this e-mail.

Thank you,

Juan Anzora, REHS
Environmental Health Specialist
Environmental Health Division
Orange County Health Care Agency
Water Quality Program – Well Permitting Section

Office: (714) 433-6287 **Cell:** (714) 559-0103
1241 E. Dyer Road Santa Ana, CA 92705
www.ochealthinfo.com

From: Alan Churchill <achurchill@PadreInc.com>
Sent: Monday, September 22, 2025 9:57 AM
To: EH OC Wells <EHOCWells@ochca.com>
Subject: Permit Status - Tustin, Ca

Attention: This email originated from outside the County of Orange. Use caution when opening attachments or links.

Good morning,

I am checking the status of a permit application for the drilling of 6 temporary vapor wells and 6 temporary groundwater wells in Tustin, Ca.

The Site is located at the west intersection of Valencia Avenue and Legacy Road in Tustin, Ca. The work is being performed for the Tustin Unified School District.

Thank you.

Alan Churchill, P.G.
Padre Associates
350 University Ave., Suite 250
Sacramento, Ca 95825
916-333-5920, ext. 250
916-952-5421 (cell)

APPENDIX C

DRILL HOLE LOGS

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DRILL HOLE NUMBER GW-1

Sheet 1 of 1

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-26-2025 **COMPLETED:** 09-26-2025 **POSITION:** N: 2206212.70 ft E: 6084107.77 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 58.54 ft MSL **TOTAL DEPTH:** 30.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** 27.5 ft

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:** Neat Cement

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<0.5in. diameter).	
5	54			Clayey SAND (SC): medium dense; olive gray (5Y 5/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; mottled with olive brown (2.5Y 4/4).	0.0
				Lean CLAY with sand (CL): moderately stiff; olive brown (2.5Y 4/3); slightly moist; no hydrocarbon stain; no hydrocarbon odor; mottled with dark brown (2.5Y 4/3).	
				trace rootlets, increase in silt	
10	49				0.0
				dark brown (10YR 3/3); decrease in silt	
				soft; brown (10YR 4/3)	
	44			Poorly graded SAND with silt (SP-SM): medium dense; dark yellowish brown (10YR 4/4); moist; very fine grained; no hydrocarbon stain; no hydrocarbon odor.	
15				Lean CLAY (CL): soft; very dark grayish brown (10YR 3/2); slightly moist; no hydrocarbon stain; no hydrocarbon odor.	0.0
				Sandy Lean CLAY (CL): moderately stiff; dark yellowish brown (10YR 4/4); slightly moist; no hydrocarbon stain; no hydrocarbon odor; trace oxidation staining, mottled with gray (10YR 5/1), trace silt.	
				increase in fine grained sand, trace subangular gravel (<0.25in diameter)	
	39				
20				Lean CLAY (CL): soft; brown (10YR 4/3); moist; no hydrocarbon stain; no hydrocarbon odor.	0.0
				moderately stiff	
				Sandy SILT (ML): moderately stiff; dark yellowish brown (10YR 4/4); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; oxidation staining.	
	34			Sandy Lean CLAY (CL): stiff; brown (10YR 4/3); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace white deposits, trace silts.	
25				soft; moist; increase in sand	0.0
				Sandy Lean CLAY with gravel (CL): stiff; light brownish gray (2.5Y 6/2); slightly moist; no hydrocarbon stain; no hydrocarbon odor; trace white deposits, subangular gravel (<0.25in. diameter).	
	29				
30				Total Depth = 30.0 ft.	0.0

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

Template: Master Template - Default Letter - Padre / Strip Set: Enviro BH (1) / Produced on : October 01 2025 by OpenGeo

padre

DRILL HOLE NUMBER GW-2

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2206035.86 ft E: 6083939.83 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 51.68 ft MSL **TOTAL DEPTH:** 25.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** 10.95 ft

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:** Neat Cement

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Poorly graded SAND with silt (SP-SM): medium dense; grayish brown (10YR 5/2); dry; medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<2in. diameter).	
				Sandy Lean CLAY (CL): moderately stiff; dark grayish brown (10YR 4/2); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace silt. trace white deposits	
5	47				0.0
				Lean CLAY with sand (CL): moderately stiff; olive brown (2.5Y 4/3); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor.	
				trace white deposits, increase in silt	
10	42			▽	0.0
				Lean CLAY (CL): moderately stiff; brown (10YR 5/3); slightly moist; no hydrocarbon stain; no hydrocarbon odor; mottled with very dark brown (10YR 2/2), trace silt, trace oxidation staining.	
15	37				0.0
				soft; moist	
				Clayey SAND (SC): medium dense; brown (10YR 4/3); wet; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace subrounded gravel (<0.5in. diameter).	
20	32			Sandy Lean CLAY (CL): stiff; brown (10YR 4/3); moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace white deposits, trace subangular gravel (<0.5in. diameter).	0.0
				soft; decrease in sand	
				Silty SAND (SM): medium dense; brown (10YR 5/3); wet; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor.	
				Sandy Lean CLAY (CL): stiff; light olive brown (2.5Y 5/3); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace white deposits, trace subrounded gravel (<0.5in. diameter).	
25	27			Total Depth = 25.0 ft.	0.0
30	22				

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

padre

DRILL HOLE NUMBER GW-3

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2205796.44 ft E: 6083727.79 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 53.91 ft MSL **TOTAL DEPTH:** 25.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** 16.91 ft

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:** Neat Cement

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; brown (10YR 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<0.5in. diameter).	
				slightly moist; trace clay	
				Sandy Lean CLAY (CL): stiff; brown (10YR 4/3); dry; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace silt, trace subangular gravel (<0.5in. diameter).	
5	49				0.0
				Lean CLAY (CL): moderately stiff; very dark grayish brown (10YR 3/2); slightly moist; no hydrocarbon stain; no hydrocarbon odor; trace silt.	
				very dark grayish brown (10YR 3/2); trace organics	
10	44			dark brown (10YR 3/3); no hydrocarbon stain; no hydrocarbon odor; trace oxidation staining	0.0
				black (10YR 2/1); trace organics, organic odor	
				Lean CLAY (CL): soft to moderately stiff; very dark gray (10YR 3/1); slightly moist; no hydrocarbon stain; no hydrocarbon odor.	
				trace silt	
15	39			brown (10YR 4/3) ▽	0.0
				Clayey SAND (SC): medium dense; brown (10YR 4/3); moist; fine grained; no hydrocarbon stain; no hydrocarbon odor.	
20	34				0.0
				Silty Lean CLAY (CL): soft; light olive brown (2.5Y 5/4); moist; no hydrocarbon stain; no hydrocarbon odor.	
				SILT with sand (ML): soft to moderately stiff; light olive brown (2.5Y 5/4); wet; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace clay.	
				very dark grayish brown (10YR 3/2); no hydrocarbon stain; no hydrocarbon odor; increase in clay	
				Sandy Lean CLAY (CL): moderately stiff; grayish brown (2.5Y 5/2); moist; fine grained; no hydrocarbon stain; no hydrocarbon odor.	
25	29				0.0
				Total Depth = 25.0 ft.	
30	24				

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

padre

DRILL HOLE NUMBER GW-4

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2205829.92 ft E: 6083912.49 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 53.24 ft MSL **TOTAL DEPTH:** 25.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** 20.69 ft

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:** Neat Cement

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<1in. diameter).	
				increase in silt and clay	
	49			Sandy Lean CLAY (CL): moderately stiff; brown (10YR 4/3); dry; fine grained; no hydrocarbon stain; no hydrocarbon odor; mottled with very dark grayish brown (10YR 4/2).	
5					0.0
				very dark brown (10YR 2/2); slightly moist; trace caliche, decrease in sand	
				trace fractured subrounded gravel (<1in. diameter)	
	44			Clayey SAND (SC): medium dense; brown (7.5YR 4/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; mottled with olive (5Y 4/4).	
10					0.0
				increase in clay	
				Sandy Lean CLAY (CL): moderately stiff; very dark grayish brown (10YR 3/2); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor.	
				trace organics, mottled with black (10YR 2/1)	
	39				
15					0.0
				Lean CLAY with sand (CL): moderately stiff; very dark grayish brown (10YR 3/2); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; mottled with gray (10YR 5/1).	
				Silty Lean CLAY (CL): soft to moderately stiff; brown (10YR 5/3); slightly moist; no hydrocarbon stain; no hydrocarbon odor; trace oxidation staining.	
	34				
20			▽		0.0
				soft; very dark grayish brown (10YR 3/2); moist	
	29			Poorly graded SAND with silt (SP-SM): medium dense; light olive brown (2.5Y 5/3); wet; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<0.25in. diameter).	
25				increase in silt	0.0
				Total Depth = 25.0 ft.	
	24				
30					

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

padre

DRILL HOLE NUMBER GW-5

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-26-2025 **COMPLETED:** 09-26-2025 **POSITION:** N: 2206059.97 ft E: 6084120.39 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 56.14 ft MSL **TOTAL DEPTH:** 25.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** 19.34 ft

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:** Neat Cement

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace rootlets (<0.01in. diameter), trace subangular gravel (<0.5in. diameter).	
	52			Clayey SILT (ML): moderately stiff; dark grayish brown (2.5Y 4/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<1in. diameter), trace white deposits, trace sand.	
5				increase in clay	0.5
				Sandy Lean CLAY (CL): moderately stiff; brown (10YR 4/3); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor.	
	47			very dark brown (10YR 2/2); trace organics, trace organic odor	
				olive brown (2.5Y 4/4); decrease in sand	
10				very dark brown (10YR 2/2); increase in sand	1.3
				Lean CLAY (CL): moderately stiff; very dark brown (10YR 2/2); slightly moist; no hydrocarbon stain; no hydrocarbon odor.	
	42			olive brown (2.5Y 4/3); increase in silt, trace oxidation staining	
15				soft; moist	0.3
				SILT (ML): soft; olive brown (2.5Y 4/3); moist; no hydrocarbon stain; no hydrocarbon odor; trace clay.	
	37		▽		
20				Silty SAND (SM): medium dense; olive brown (2.5Y 4/3); wet; very fine grained; no hydrocarbon stain; no hydrocarbon odor; mottled with dark grayish brown (2.5Y 4/3).	0.0
				Sandy SILT (ML): soft; olive brown (2.5Y 4/3); very moist; very fine grained; no hydrocarbon stain; no hydrocarbon odor.	
				Lean CLAY with sand (CL): soft; dark gray (10YR 4/1); moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; slight organic odor.	
	32				
25				Total Depth = 25.0 ft.	0.5
	27				
30					

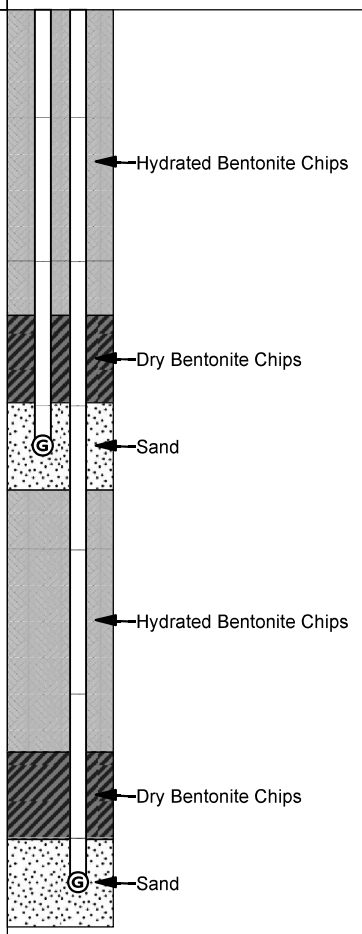
The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

DRILL HOLE / SOIL VAPOR WELL NUMBER SV-1

CLIENT: PlaceWorks **PERMIT #:** 25-09-30
PROJECT NAME: Tustin USD - Proposed District Offices
PROJECT NUMBER: 2501-0092
PROJECT LOCATION: Tustin, Orange County
DATE STARTED: 09-26-2025 **COMPLETED:** 09-26-2025
POSITION: N: 2206212.70 ft E: 6084107.77 ft (NAD83 SP Ca Zn 6 ft)
DRILLING CONTRACTOR: Cascade Drilling Inc.
GROUND ELEVATION: 58.54 ft MSL **TOTAL DEPTH:** 10.5 ft
DRILLING METHOD: Direct Push
GROUNDWATER DEPTH
EQUIPMENT: Geoprobe 7822DT
▽ **INTIAL:** Not Encountered
HOLE DIAMETER (inches): 2.25
▼ **STATIC:** Not Encountered
LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G.
BACKFILL:

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<0.5in. diameter).	
				Clayey SAND (SC): medium dense; olive gray (5Y 5/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; mottled with olive brown (2.5Y 4/4).	
5	54				0.0
				Lean CLAY with sand (CL): moderately stiff; olive brown (2.5Y 4/3); slightly moist; no hydrocarbon stain; no hydrocarbon odor; mottled with dark brown (2.5Y 4/3).	
				trace rootlets, increase in silt	
10	49				0.0
				Total Depth = 10.5 ft.	
15	44				

Soil Vapor Probe Diagram



The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

DRILL HOLE / SOIL VAPOR WELL NUMBER SV-2

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2206035.86 ft E: 6083939.83 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 51.68 ft MSL **TOTAL DEPTH:** 10.5 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** Not Encountered

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:**

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)	Soil Vapor Probe Diagram
				Poorly graded SAND with silt (SP-SM): medium dense; grayish brown (10YR 5/2); dry; medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<2in. diameter).		Hydrated Bentonite Chips
				Sandy Lean CLAY (CL): moderately stiff; dark grayish brown (10YR 4/2); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace silt. trace white deposits		Dry Bentonite Chips
5	47				0.0	Sand
				Lean CLAY with sand (CL): moderately stiff; olive brown (2.5Y 4/3); slightly moist; fine grained; no hydrocarbon stain; no hydrocarbon odor. trace white deposits, increase in silt		Hydrated Bentonite Chips
						Dry Bentonite Chips
10	42				0.0	Sand
				Total Depth = 10.5 ft.		
15	37					

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

padre

DRILL HOLE / SOIL VAPOR WELL NUMBER SV-3

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2205796.44 ft E: 6083727.79 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 53.91 ft MSL **TOTAL DEPTH:** 15.0 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

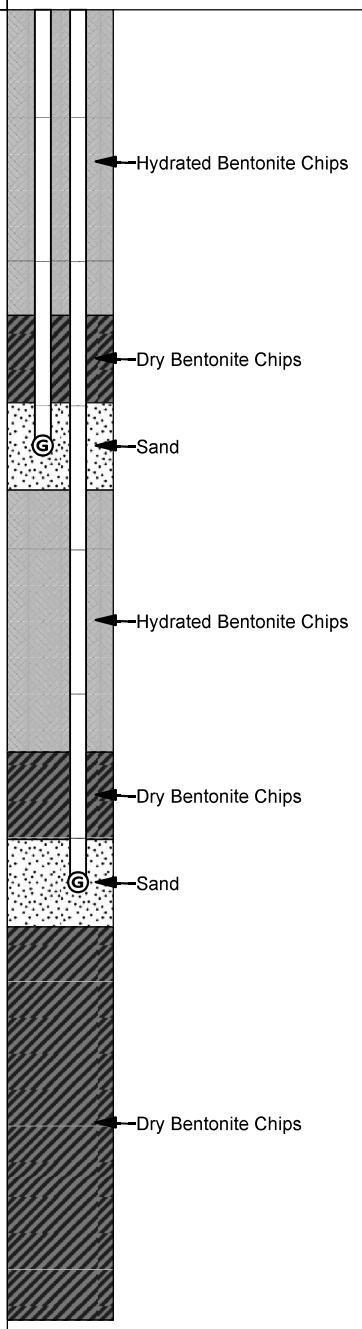
EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** Not Encountered

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:**

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; brown (10YR 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<0.5in. diameter).	
				slightly moist; trace clay	
				Sandy Lean CLAY (CL): stiff; brown (10YR 4/3); dry; fine grained; no hydrocarbon stain; no hydrocarbon odor; trace silt, trace subangular gravel (<0.5in. diameter).	
5	49				0.0
				Lean CLAY (CL): moderately stiff; very dark grayish brown (10YR 3/2); slightly moist; no hydrocarbon stain; no hydrocarbon odor; trace silt.	
				very dark grayish brown (10YR 3/2); trace organics	
10	44			dark brown (10YR 3/3); no hydrocarbon stain; no hydrocarbon odor; trace oxidation staining	0.0
				black (10YR 2/1); trace organics, organic odor	
				Lean CLAY (CL): soft to moderately stiff; very dark gray (10YR 3/1); slightly moist; no hydrocarbon stain; no hydrocarbon odor.	
				trace silt	
15	39			Total Depth = 15.0 ft.	0.0

Soil Vapor Probe Diagram



The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

DRILL HOLE / SOIL VAPOR WELL NUMBER SV-4

padre

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-25-2025 **COMPLETED:** 09-25-2025 **POSITION:** N: 2205829.92 ft E: 6083912.49 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 53.25 ft MSL **TOTAL DEPTH:** 10.5 ft

DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

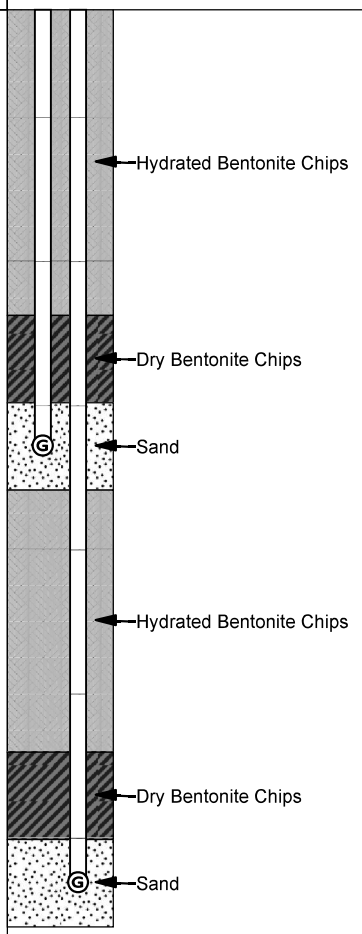
EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** Not Encountered

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:**

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<1in. diameter).	
				increase in silt and clay	
	49			Sandy Lean CLAY (CL): moderately stiff; brown (10YR 4/3); dry; fine grained; no hydrocarbon stain; no hydrocarbon odor; mottled with very dark grayish brown (10YR 4/2).	
5					0.0
				very dark brown (10YR 2/2); slightly moist; trace caliche, decrease in sand	
				trace fractured subrounded gravel (<1in. diameter)	
	44			Clayey SAND (SC): medium dense; brown (7.5YR 4/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; mottled with olive (5Y 4/4).	
10				increase in clay	0.0
				Total Depth = 10.5 ft.	
	39				
15					

Soil Vapor Probe Diagram



The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

DRILL HOLE / SOIL VAPOR WELL NUMBER SV-5

CLIENT: PlaceWorks **PERMIT #:** 25-09-30 **PROJECT NAME:** Tustin USD - Proposed District Offices

PROJECT NUMBER: 2501-0092 **PROJECT LOCATION:** Tustin, Orange County

DATE STARTED: 09-26-2025 **COMPLETED:** 09-26-2025 **POSITION:** N: 2206059.97 ft E: 6084120.39 ft (NAD83 SP Ca Zn 6 ft)

DRILLING CONTRACTOR: Cascade Drilling Inc. **GROUND ELEVATION:** 56.14 ft MSL **TOTAL DEPTH:** 10.5 ft

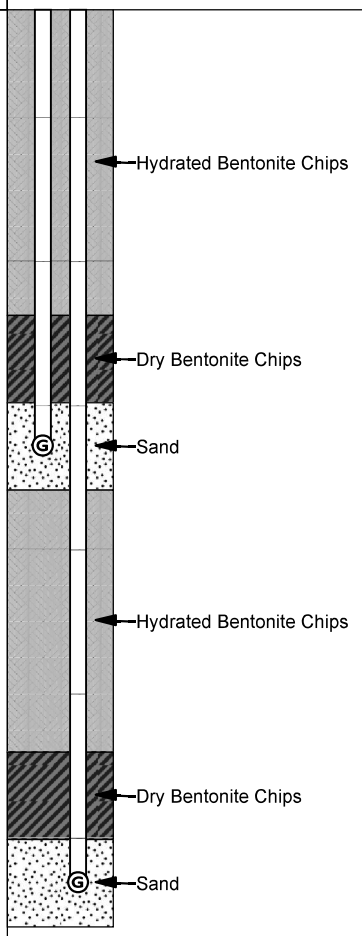
DRILLING METHOD: Direct Push **GROUNDWATER DEPTH**

EQUIPMENT: Geoprobe 7822DT ▽ **INTIAL:** Not Encountered

HOLE DIAMETER (inches): 2.25 ▼ **STATIC:** Not Encountered

LOGGED BY: Lauren Alamillo, G.I.T. **CHECKED BY:** A. Churchill, P.G. **BACKFILL:**

DEPTH (ft)	ELEVATION (ft MSL)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	GAS MONITOR MiniRAE 3000 (ppm)
				Silty SAND (SM): medium dense; light olive brown (2.5Y 5/3); dry; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace rootlets (<0.01in. diameter), trace subangular gravel (<0.5in. diameter).	
	52			Clayey SILT (ML): moderately stiff; dark grayish brown (2.5Y 4/2); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor; trace subangular gravel (<1in. diameter), trace white deposits, trace sand.	
5				increase in clay	0.5
				Sandy Lean CLAY (CL): moderately stiff; brown (10YR 4/3); slightly moist; fine to medium grained; no hydrocarbon stain; no hydrocarbon odor.	
				very dark brown (10YR 2/2); trace organics, trace organic odor	
	47			olive brown (2.5Y 4/4); decrease in sand	
10				very dark brown (10YR 2/2); increase in sand	1.3
				Total Depth = 10.5 ft.	
	42				
15					



Soil Vapor Probe Diagram

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time. Please refer to Key to Boring Log for symbol explanation.

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

COARSE-GRAINED SOILS (more than 50% of material is larger than No. 200 sieve size.)			
GRAVELS More than 50% of coarse fraction larger than No. 4 sieve size	Clean Gravels (Less than 5% fines)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
	Gravels with fines (More than 12% fines)	GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
SANDS 50% or more of coarse fraction smaller than No. 4 sieve size	Clean Sands (Less than 5% fines)	SW	Well-graded sands, gravelly sands, little or no fines
		SP	Poorly graded sands, gravelly sands, little or no fines
	Sands with fines (More than 12% fines)	SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (50% or more of material is smaller than No. 200 sieve size.)			
SILTS AND CLAYS Liquid limit less than 50%		ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts with slight plasticity
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit 50% or greater		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS		PT	Peat and other highly organic soils

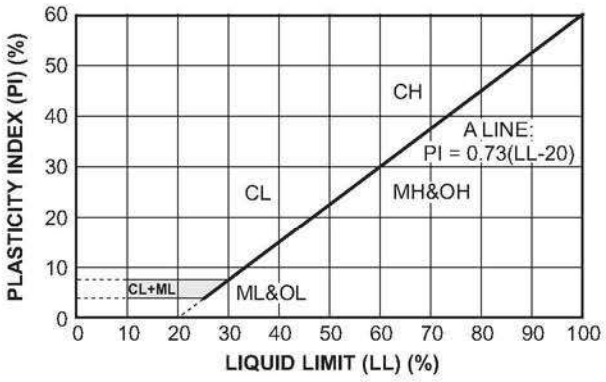
LABORATORY CLASSIFICATION CRITERIA

GW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
GP	Not meeting all gradation requirements for GW	
GM	Atterberg limits below "A" line or P.I. less than 4	Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
GC	Atterberg limits above "A" line with P.I. greater than 7	
SW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
SP	Not meeting all gradation requirements for GW	
SM	Atterberg limits below "A" line or P.I. less than 4	Limits plotting in shaded zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols.
SC	Atterberg limits above "A" line with P.I. greater than 7	

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 percent ..... GW, GP, SW, SP
More than 12 percent ..... GM, GC, SM, SC
5 to 12 percent ..... Borderline cases requiring dual symbols

PLASTICITY CHART



APPENDIX D

LABORATORY ANALYTICAL REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Alan Churchill
Padre Associates, Inc.
350 University Ave Suite 250
Sacramento, California 95827

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JOB DESCRIPTION

Tustin USD/2501-0092

JOB NUMBER

570-248019-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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Authorized for release by
Rossina Tomova, Project Manager I
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(657)210-6367

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Client: Padre Associates, Inc.
Job ID: 570-248019-1
Project/Site: Tustin USD/2501-0092

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-248019-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/26/2025 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.0°C.

Air - GC/MS VOA
Method TO15_PF: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-634493 recovered outside control limits for the following analytes: Benzyl chloride and chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method TO15_PF: The continuing calibration verification (CCV) associated with batch 570-634493 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 570-634493/2).

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

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-10 — Lab Sample ID: 570-248019-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	17		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	79		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	19		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.1	J	3.1	1.0	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.2		2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	3.0		2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.9	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.3	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Toluene	31		1.9	0.80	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.3	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.99	J	1.3	0.67	ug/m3	1		TO-15	Total/NA
Carbon disulfide - DL	580		34	4.8	ug/m3	5.46875		TO-15	Total/NA
Chloromethane - DL	4.0	J	5.6	3.4	ug/m3	5.46875		TO-15	Total/NA

Client Sample ID: SV-3-5 — Lab Sample ID: 570-248019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.1	J	7.4	2.1	ug/m3	1		TO-15	Total/NA
2-Butanone (MEK)	11		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	46		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	17		1.6	0.63	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.7		2.2	0.90	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.4	J	12	7.8	ug/m3	1		TO-15	Total/NA
o-Xylene	3.6		2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	10		8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.5	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.8	J	3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	33		1.9	0.80	ug/m3	1		TO-15	Total/NA
Carbon disulfide - RA	7.6		6.2	0.88	ug/m3	1		TO-15	Total/NA

Client Sample ID: Dupe — Lab Sample ID: 570-248019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	48		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	24		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	33		6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.9		2.2	0.90	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	9.5	J	12	7.8	ug/m3	1		TO-15	Total/NA
o-Xylene	3.9		2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	10		8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.2	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Toluene	31		1.9	0.80	ug/m3	1		TO-15	Total/NA
Vinyl acetate	5.3	J	7.0	2.2	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-4-10 — Lab Sample ID: 570-248019-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12		4.4	1.8	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-4-10 (Continued)

Lab Sample ID: 570-248019-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	58		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	21		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.7	J	6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.9	J	12	7.8	ug/m3	1		TO-15	Total/NA
Toluene	1.7	J	1.9	0.80	ug/m3	1		TO-15	Total/NA
Vinyl acetate	5.9	J	7.0	2.2	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-4-5

Lab Sample ID: 570-248019-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	13		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	37		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	14		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	21		6.2	0.88	ug/m3	1		TO-15	Total/NA
Chloroethane	0.80	J	1.3	0.77	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.9	J	2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9	J	2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.6	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	5.5	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.8	J	3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	13		1.9	0.80	ug/m3	1		TO-15	Total/NA
Chloromethane - RA	1.1		1.0	0.62	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-2-10

Lab Sample ID: 570-248019-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	33		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	96		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	15		1.6	0.63	ug/m3	1		TO-15	Total/NA
Bromomethane	1.3	J	1.9	0.96	ug/m3	1		TO-15	Total/NA
Carbon disulfide	250		6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.6		2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	3.4		2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.6	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.8	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.1	J	3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	17		1.9	0.80	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7	J	5.6	1.3	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-2-5

Lab Sample ID: 570-248019-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.8	J	7.4	2.1	ug/m3	1		TO-15	Total/NA
2-Butanone (MEK)	25		4.4	1.8	ug/m3	1		TO-15	Total/NA
2-Hexanone	9.3		6.1	3.0	ug/m3	1		TO-15	Total/NA
Acetone	72		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	14		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	24		6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	1.5	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-2-5 (Continued) — Lab Sample ID: 570-248019-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	4.4		2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	3.1		2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	8.0	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	5.2	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.3	J	3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	24		1.9	0.80	ug/m3	1		TO-15	Total/NA
Vinyl acetate	14		7.0	2.2	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-5-10 — Lab Sample ID: 570-248019-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	34		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	110		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	20		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	27		6.2	0.88	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.3		2.2	0.90	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.2	J	12	7.8	ug/m3	1		TO-15	Total/NA
o-Xylene	1.7	J	2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.8	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	6.9		3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	18		1.9	0.80	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-5-5 — Lab Sample ID: 570-248019-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	45		4.4	1.8	ug/m3	1		TO-15	Total/NA
2-Hexanone	3.0	J	6.1	3.0	ug/m3	1		TO-15	Total/NA
Acetone	140		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	12		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	11		6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7	J	2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	1.7	J	2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.9	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	3.4	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Toluene	14		1.9	0.80	ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-1-10 — Lab Sample ID: 570-248019-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	23		4.4	1.8	ug/m3	1		TO-15	Total/NA
Acetone	79		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	20		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	36		6.2	0.88	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.2	J	3.1	1.0	ug/m3	1		TO-15	Total/NA
Chloroform	3.8		2.4	1.1	ug/m3	1		TO-15	Total/NA
Chloromethane	0.87	J	1.0	0.62	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.8		2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	1.5	J	2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.2	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
Toluene	26		1.9	0.80	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-5

Lab Sample ID: 570-248019-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	55		4.4	1.8	ug/m3	1		TO-15	Total/NA
2-Hexanone	4.2	J	6.1	3.0	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (MIBK)	4.6	J	6.1	2.6	ug/m3	1		TO-15	Total/NA
Acetone	160		4.8	1.9	ug/m3	1		TO-15	Total/NA
Benzene	12		1.6	0.63	ug/m3	1		TO-15	Total/NA
Carbon disulfide	12		6.2	0.88	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.0	J	2.5	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.7		2.2	0.90	ug/m3	1		TO-15	Total/NA
o-Xylene	1.7	J	2.2	0.89	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.9	J	8.7	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.0	J	6.1	1.6	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.9		3.4	1.5	ug/m3	1		TO-15	Total/NA
Toluene	15		1.9	0.80	ug/m3	1		TO-15	Total/NA
Vinyl acetate	7.1		7.0	2.2	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-10
Date Collected: 09/26/25 08:39
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 17:47	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 17:47	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 17:47	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 17:47	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 17:47	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 17:47	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 17:47	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 17:47	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 17:47	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 17:47	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 17:47	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 17:47	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 17:47	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 17:47	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 17:47	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 17:47	1
2-Butanone (MEK)	**17**		4.4	1.8	ug/m3			10/02/25 17:47	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 17:47	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 17:47	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 17:47	1
Acetone	**79**		4.8	1.9	ug/m3			10/02/25 17:47	1
Benzene	**19**		1.6	0.63	ug/m3			10/02/25 17:47	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 17:47	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 17:47	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 17:47	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 17:47	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 17:47	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 17:47	1
Carbon tetrachloride	**1.1**	**J**	3.1	1.0	ug/m3			10/02/25 17:47	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 17:47	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 17:47	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 17:47	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 17:47	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	1.5	ug/m3			10/02/25 17:47	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 17:47	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 17:47	1
Ethylbenzene	**3.2**		2.2	0.90	ug/m3			10/02/25 17:47	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 17:47	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 17:47	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 17:47	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 17:47	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 17:47	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 17:47	1
o-Xylene	**3.0**		2.2	0.89	ug/m3			10/02/25 17:47	1
m,p-Xylene	**7.9**	**J**	8.7	2.4	ug/m3			10/02/25 17:47	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 17:47	1
Styrene	ND		6.4	2.2	ug/m3			10/02/25 17:47	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-10
Date Collected: 09/26/25 08:39
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 17:47	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 17:47	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 17:47	1
tert-Butyl alcohol (TBA)	**4.3**	**J**	6.1	1.6	ug/m3			10/02/25 17:47	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 17:47	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/02/25 17:47	1
Toluene	**31**		1.9	0.80	ug/m3			10/02/25 17:47	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 17:47	1
Trichlorofluoromethane	**2.3**	**J**	5.6	1.3	ug/m3			10/02/25 17:47	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 17:47	1
Vinyl chloride	**0.99**	**J**	1.3	0.67	ug/m3			10/02/25 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 132*		*10/02/25 17:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*10/02/25 17:47*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*10/02/25 17:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**580**		34	4.8	ug/m3			10/03/25 18:44	5.46875
Chloromethane	**4.0**	**J**	5.6	3.4	ug/m3			10/03/25 18:44	5.46875

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 132*		*10/03/25 18:44*	*5.46875*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/03/25 18:44*	*5.46875*
Toluene-d8 (Surr)	*90*		*70 - 130*		*10/03/25 18:44*	*5.46875*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-5
Date Collected: 09/26/25 09:03
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 18:30	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 18:30	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 18:30	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 18:30	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 18:30	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 18:30	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 18:30	1
1,2,4-Trimethylbenzene	**2.1**	**J**	7.4	2.1	ug/m3			10/02/25 18:30	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 18:30	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 18:30	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 18:30	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 18:30	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 18:30	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 18:30	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 18:30	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 18:30	1
2-Butanone (MEK)	**11**		4.4	1.8	ug/m3			10/02/25 18:30	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 18:30	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 18:30	1
Acetone	**46**		4.8	1.9	ug/m3			10/02/25 18:30	1
Benzene	**17**		1.6	0.63	ug/m3			10/02/25 18:30	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 18:30	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 18:30	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 18:30	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 18:30	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 18:30	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 18:30	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 18:30	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 18:30	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 18:30	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 18:30	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 18:30	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	1.5	ug/m3			10/02/25 18:30	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 18:30	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 18:30	1
Ethylbenzene	**3.7**		2.2	0.90	ug/m3			10/02/25 18:30	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 18:30	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 18:30	1
Isopropyl alcohol	**8.4**	**J**	12	7.8	ug/m3			10/02/25 18:30	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 18:30	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 18:30	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 18:30	1
o-Xylene	**3.6**		2.2	0.89	ug/m3			10/02/25 18:30	1
m,p-Xylene	**10**		8.7	2.4	ug/m3			10/02/25 18:30	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 18:30	1
Styrene	ND		6.4	2.2	ug/m3			10/02/25 18:30	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-5
Date Collected: 09/26/25 09:03
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 18:30	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 18:30	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 18:30	1
tert-Butyl alcohol (TBA)	**4.5**	**J**	6.1	1.6	ug/m3			10/02/25 18:30	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 18:30	1
Tetrachloroethene	**1.8**	**J**	3.4	1.5	ug/m3			10/02/25 18:30	1
Toluene	**33**		1.9	0.80	ug/m3			10/02/25 18:30	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 18:30	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 18:30	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 18:30	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 132*		*10/02/25 18:30*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/02/25 18:30*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*10/02/25 18:30*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**7.6**		6.2	0.88	ug/m3			10/03/25 19:25	1
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*10/03/25 19:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*10/03/25 19:25*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*10/03/25 19:25*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: Dupe
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 19:12	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 19:12	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 19:12	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 19:12	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 19:12	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 19:12	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 19:12	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 19:12	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 19:12	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 19:12	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 19:12	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 19:12	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 19:12	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 19:12	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 19:12	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 19:12	1
2-Butanone (MEK)	**12**		4.4	1.8	ug/m3			10/02/25 19:12	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 19:12	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 19:12	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 19:12	1
Acetone	**48**		4.8	1.9	ug/m3			10/02/25 19:12	1
Benzene	**24**		1.6	0.63	ug/m3			10/02/25 19:12	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 19:12	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 19:12	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 19:12	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 19:12	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 19:12	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 19:12	1
Carbon disulfide	**33**		6.2	0.88	ug/m3			10/02/25 19:12	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 19:12	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 19:12	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 19:12	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 19:12	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 19:12	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	1.5	ug/m3			10/02/25 19:12	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 19:12	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 19:12	1
Ethylbenzene	**3.9**		2.2	0.90	ug/m3			10/02/25 19:12	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 19:12	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 19:12	1
Isopropyl alcohol	**9.5**	**J**	12	7.8	ug/m3			10/02/25 19:12	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 19:12	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 19:12	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 19:12	1
o-Xylene	**3.9**		2.2	0.89	ug/m3			10/02/25 19:12	1
m,p-Xylene	**10**		8.7	2.4	ug/m3			10/02/25 19:12	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 19:12	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: Dupe
Date Collected: 09/26/25 09:15
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/02/25 19:12	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 19:12	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 19:12	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 19:12	1
tert-Butyl alcohol (TBA)	**4.2**	**J**	6.1	1.6	ug/m3			10/02/25 19:12	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 19:12	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/02/25 19:12	1
Toluene	**31**		1.9	0.80	ug/m3			10/02/25 19:12	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 19:12	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 19:12	1
Vinyl acetate	**5.3**	**J**	7.0	2.2	ug/m3			10/02/25 19:12	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 132*		*10/02/25 19:12*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/02/25 19:12*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*10/02/25 19:12*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*10/03/25 20:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/03/25 20:06*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/03/25 20:06*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-4-10
Date Collected: 09/26/25 09:47
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-4
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 19:55	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 19:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 19:55	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 19:55	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 19:55	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 19:55	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 19:55	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 19:55	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 19:55	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 19:55	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 19:55	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 19:55	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 19:55	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 19:55	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 19:55	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 19:55	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 19:55	1
2-Butanone (MEK)	**12**		4.4	1.8	ug/m3			10/02/25 19:55	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 19:55	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 19:55	1
Acetone	**58**		4.8	1.9	ug/m3			10/02/25 19:55	1
Benzene	**21**		1.6	0.63	ug/m3			10/02/25 19:55	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 19:55	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 19:55	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 19:55	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 19:55	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 19:55	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 19:55	1
Carbon disulfide	**1.7**	**J**	6.2	0.88	ug/m3			10/02/25 19:55	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 19:55	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 19:55	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 19:55	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 19:55	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 19:55	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	1.5	ug/m3			10/02/25 19:55	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 19:55	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 19:55	1
Ethylbenzene	ND		2.2	0.90	ug/m3			10/02/25 19:55	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 19:55	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 19:55	1
Isopropyl alcohol	**7.9**	**J**	12	7.8	ug/m3			10/02/25 19:55	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 19:55	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 19:55	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 19:55	1
o-Xylene	ND		2.2	0.89	ug/m3			10/02/25 19:55	1
m,p-Xylene	ND		8.7	2.4	ug/m3			10/02/25 19:55	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 19:55	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-4-10
Date Collected: 09/26/25 09:47
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-4
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/02/25 19:55	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 19:55	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 19:55	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 19:55	1
tert-Butyl alcohol (TBA)	ND		6.1	1.6	ug/m3			10/02/25 19:55	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 19:55	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/02/25 19:55	1
Toluene	**1.7**	**J**	1.9	0.80	ug/m3			10/02/25 19:55	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 19:55	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 19:55	1
Vinyl acetate	**5.9**	**J**	7.0	2.2	ug/m3			10/02/25 19:55	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 132*		*10/02/25 19:55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/02/25 19:55*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*10/02/25 19:55*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 132*		*10/03/25 20:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/03/25 20:48*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*10/03/25 20:48*	*1*

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-4-5

Date Collected: 09/26/25 10:05
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-5

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 20:45	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 20:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 20:45	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 20:45	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 20:45	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 20:45	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 20:45	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 20:45	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 20:45	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 20:45	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 20:45	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 20:45	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 20:45	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 20:45	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 20:45	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 20:45	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 20:45	1
2-Butanone (MEK)	**13**		4.4	1.8	ug/m3			10/02/25 20:45	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 20:45	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 20:45	1
Acetone	**37**		4.8	1.9	ug/m3			10/02/25 20:45	1
Benzene	**14**		1.6	0.63	ug/m3			10/02/25 20:45	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 20:45	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 20:45	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 20:45	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 20:45	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 20:45	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 20:45	1
Carbon disulfide	**21**		6.2	0.88	ug/m3			10/02/25 20:45	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 20:45	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 20:45	1
Chloroethane	**0.80**	**J**	1.3	0.77	ug/m3			10/02/25 20:45	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 20:45	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 20:45	1
Dichlorodifluoromethane	**2.1**	**J**	2.5	1.5	ug/m3			10/02/25 20:45	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 20:45	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 20:45	1
Ethylbenzene	**1.9**	**J**	2.2	0.90	ug/m3			10/02/25 20:45	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 20:45	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 20:45	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 20:45	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 20:45	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 20:45	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 20:45	1
o-Xylene	**1.9**	**J**	2.2	0.89	ug/m3			10/02/25 20:45	1
m,p-Xylene	**4.6**	**J**	8.7	2.4	ug/m3			10/02/25 20:45	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 20:45	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-4-5
Date Collected: 09/26/25 10:05
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-5
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/02/25 20:45	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 20:45	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 20:45	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 20:45	1
tert-Butyl alcohol (TBA)	**5.5**	**J**	6.1	1.6	ug/m3			10/02/25 20:45	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 20:45	1
Tetrachloroethene	**1.8**	**J**	3.4	1.5	ug/m3			10/02/25 20:45	1
Toluene	**13**		1.9	0.80	ug/m3			10/02/25 20:45	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 20:45	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 20:45	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 20:45	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 132*		*10/02/25 20:45*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*10/02/25 20:45*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*10/02/25 20:45*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.1**		1.0	0.62	ug/m3			10/03/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 132*		*10/03/25 21:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/03/25 21:41*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/03/25 21:41*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-2-10
Date Collected: 09/26/25 10:29
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-6
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 21:31	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 21:31	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 21:31	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 21:31	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 21:31	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 21:31	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 21:31	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 21:31	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 21:31	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 21:31	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 21:31	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 21:31	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 21:31	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 21:31	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 21:31	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 21:31	1
2-Butanone (MEK)	**33**		4.4	1.8	ug/m3			10/02/25 21:31	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 21:31	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 21:31	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 21:31	1
Acetone	**96**		4.8	1.9	ug/m3			10/02/25 21:31	1
Benzene	**15**		1.6	0.63	ug/m3			10/02/25 21:31	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 21:31	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 21:31	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 21:31	1
Bromomethane	**1.3**	**J**	1.9	0.96	ug/m3			10/02/25 21:31	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 21:31	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 21:31	1
Carbon disulfide	**250**		6.2	0.88	ug/m3			10/02/25 21:31	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 21:31	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 21:31	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 21:31	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 21:31	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 21:31	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	1.5	ug/m3			10/02/25 21:31	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 21:31	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 21:31	1
Ethylbenzene	**3.6**		2.2	0.90	ug/m3			10/02/25 21:31	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 21:31	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 21:31	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 21:31	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 21:31	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 21:31	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 21:31	1
o-Xylene	**3.4**		2.2	0.89	ug/m3			10/02/25 21:31	1
m,p-Xylene	**3.6**	**J**	8.7	2.4	ug/m3			10/02/25 21:31	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 21:31	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-2-10

Date Collected: 09/26/25 10:29
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-6

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/02/25 21:31	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 21:31	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 21:31	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 21:31	1
tert-Butyl alcohol (TBA)	**4.8**	**J**	6.1	1.6	ug/m3			10/02/25 21:31	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 21:31	1
Tetrachloroethene	**2.1**	**J**	3.4	1.5	ug/m3			10/02/25 21:31	1
Toluene	**17**		1.9	0.80	ug/m3			10/02/25 21:31	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 21:31	1
Trichlorofluoromethane	**1.7**	**J**	5.6	1.3	ug/m3			10/02/25 21:31	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 21:31	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 132*		*10/02/25 21:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/02/25 21:31*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*10/02/25 21:31*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*66 - 132*		*10/03/25 22:29*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/03/25 22:29*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/03/25 22:29*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-2-5
Date Collected: 09/26/25 10:46
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-7
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 22:15	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 22:15	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 22:15	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 22:15	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 22:15	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 22:15	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 22:15	1
1,2,4-Trimethylbenzene	**2.8**	**J**	7.4	2.1	ug/m3			10/02/25 22:15	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 22:15	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 22:15	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 22:15	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 22:15	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 22:15	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 22:15	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 22:15	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 22:15	1
2-Butanone (MEK)	**25**		4.4	1.8	ug/m3			10/02/25 22:15	1
2-Hexanone	**9.3**		6.1	3.0	ug/m3			10/02/25 22:15	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 22:15	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 22:15	1
Acetone	**72**		4.8	1.9	ug/m3			10/02/25 22:15	1
Benzene	**14**		1.6	0.63	ug/m3			10/02/25 22:15	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 22:15	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 22:15	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 22:15	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 22:15	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 22:15	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 22:15	1
Carbon disulfide	**24**		6.2	0.88	ug/m3			10/02/25 22:15	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 22:15	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 22:15	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 22:15	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 22:15	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 22:15	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	1.5	ug/m3			10/02/25 22:15	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 22:15	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 22:15	1
Ethylbenzene	**4.4**		2.2	0.90	ug/m3			10/02/25 22:15	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 22:15	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 22:15	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 22:15	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 22:15	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 22:15	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 22:15	1
o-Xylene	**3.1**		2.2	0.89	ug/m3			10/02/25 22:15	1
m,p-Xylene	**8.0**	**J**	8.7	2.4	ug/m3			10/02/25 22:15	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 22:15	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-2-5
Date Collected: 09/26/25 10:46
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-7
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/02/25 22:15	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 22:15	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 22:15	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 22:15	1
tert-Butyl alcohol (TBA)	**5.2**	**J**	6.1	1.6	ug/m3			10/02/25 22:15	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 22:15	1
Tetrachloroethene	**2.3**	**J**	3.4	1.5	ug/m3			10/02/25 22:15	1
Toluene	**24**		1.9	0.80	ug/m3			10/02/25 22:15	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 22:15	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 22:15	1
Vinyl acetate	**14**		7.0	2.2	ug/m3			10/02/25 22:15	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 132*		*10/02/25 22:15*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/02/25 22:15*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*10/02/25 22:15*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*		*10/03/25 23:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/03/25 23:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 23:12*	*1*

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-5-10

Date Collected: 09/26/25 11:57
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-8

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/03/25 23:59	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/03/25 23:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/03/25 23:59	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/03/25 23:59	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/03/25 23:59	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/03/25 23:59	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/03/25 23:59	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/03/25 23:59	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/03/25 23:59	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/03/25 23:59	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/03/25 23:59	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/03/25 23:59	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/03/25 23:59	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/03/25 23:59	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/03/25 23:59	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/03/25 23:59	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/03/25 23:59	1
2-Butanone (MEK)	**34**		4.4	1.8	ug/m3			10/03/25 23:59	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/03/25 23:59	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/03/25 23:59	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/03/25 23:59	1
Acetone	**110**		4.8	1.9	ug/m3			10/03/25 23:59	1
Benzene	**20**		1.6	0.63	ug/m3			10/03/25 23:59	1
Benzyl chloride	ND		7.8	3.8	ug/m3			10/03/25 23:59	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/03/25 23:59	1
Bromoform	ND		5.2	1.8	ug/m3			10/03/25 23:59	1
Bromomethane	ND		1.9	0.96	ug/m3			10/03/25 23:59	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/03/25 23:59	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/03/25 23:59	1
Carbon disulfide	**27**		6.2	0.88	ug/m3			10/03/25 23:59	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/03/25 23:59	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/03/25 23:59	1
Chloroethane	ND		1.3	0.77	ug/m3			10/03/25 23:59	1
Chloroform	ND		2.4	1.1	ug/m3			10/03/25 23:59	1
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 23:59	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/03/25 23:59	1
Dichlorodifluoromethane	ND		2.5	1.5	ug/m3			10/03/25 23:59	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/03/25 23:59	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/03/25 23:59	1
Ethylbenzene	**2.3**		2.2	0.90	ug/m3			10/03/25 23:59	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/03/25 23:59	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/03/25 23:59	1
Isopropyl alcohol	**8.2**	**J**	12	7.8	ug/m3			10/03/25 23:59	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/03/25 23:59	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/03/25 23:59	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/03/25 23:59	1
o-Xylene	**1.7**	**J**	2.2	0.89	ug/m3			10/03/25 23:59	1
m,p-Xylene	**3.8**	**J**	8.7	2.4	ug/m3			10/03/25 23:59	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-5-10
Date Collected: 09/26/25 11:57
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-8
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/03/25 23:59	1
Styrene	ND		6.4	2.2	ug/m3			10/03/25 23:59	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/03/25 23:59	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/03/25 23:59	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/03/25 23:59	1
tert-Butyl alcohol (TBA)	ND		6.1	1.6	ug/m3			10/03/25 23:59	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/03/25 23:59	1
Tetrachloroethene	**6.9**		3.4	1.5	ug/m3			10/03/25 23:59	1
Toluene	**18**		1.9	0.80	ug/m3			10/03/25 23:59	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/03/25 23:59	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/03/25 23:59	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/03/25 23:59	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/03/25 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 132*		*10/03/25 23:59*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/03/25 23:59*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*10/03/25 23:59*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-5-5
Date Collected: 09/26/25 12:12
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-9
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 23:49	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 23:49	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 23:49	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 23:49	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 23:49	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 23:49	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 23:49	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 23:49	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 23:49	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 23:49	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 23:49	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 23:49	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 23:49	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 23:49	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 23:49	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 23:49	1
2-Butanone (MEK)	**45**		4.4	1.8	ug/m3			10/02/25 23:49	1
2-Hexanone	**3.0**	**J**	6.1	3.0	ug/m3			10/02/25 23:49	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 23:49	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 23:49	1
Acetone	**140**		4.8	1.9	ug/m3			10/02/25 23:49	1
Benzene	**12**		1.6	0.63	ug/m3			10/02/25 23:49	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/02/25 23:49	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 23:49	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 23:49	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 23:49	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 23:49	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 23:49	1
Carbon disulfide	**11**		6.2	0.88	ug/m3			10/02/25 23:49	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 23:49	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 23:49	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 23:49	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 23:49	1
Chloromethane	ND	*+	1.0	0.62	ug/m3			10/02/25 23:49	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 23:49	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	1.5	ug/m3			10/02/25 23:49	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 23:49	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 23:49	1
Ethylbenzene	**1.7**	**J**	2.2	0.90	ug/m3			10/02/25 23:49	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 23:49	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 23:49	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 23:49	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 23:49	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 23:49	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 23:49	1
o-Xylene	**1.7**	**J**	2.2	0.89	ug/m3			10/02/25 23:49	1
m,p-Xylene	**3.9**	**J**	8.7	2.4	ug/m3			10/02/25 23:49	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-5-5
Date Collected: 09/26/25 12:12
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-9
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 23:49	1
Styrene	ND		6.4	2.2	ug/m3			10/02/25 23:49	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 23:49	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 23:49	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 23:49	1
tert-Butyl alcohol (TBA)	**3.4**	**J**	6.1	1.6	ug/m3			10/02/25 23:49	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 23:49	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/02/25 23:49	1
Toluene	**14**		1.9	0.80	ug/m3			10/02/25 23:49	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 23:49	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 23:49	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 23:49	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 132*		*10/02/25 23:49*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/02/25 23:49*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*10/02/25 23:49*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-10

Date Collected: 09/26/25 13:06
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-10

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/04/25 00:39	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/04/25 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/04/25 00:39	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/04/25 00:39	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/04/25 00:39	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/04/25 00:39	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/04/25 00:39	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/04/25 00:39	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/04/25 00:39	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/04/25 00:39	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/04/25 00:39	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/04/25 00:39	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/04/25 00:39	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/04/25 00:39	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/04/25 00:39	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/04/25 00:39	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/04/25 00:39	1
2-Butanone (MEK)	**23**		4.4	1.8	ug/m3			10/04/25 00:39	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/04/25 00:39	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/04/25 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/04/25 00:39	1
Acetone	**79**		4.8	1.9	ug/m3			10/04/25 00:39	1
Benzene	**20**		1.6	0.63	ug/m3			10/04/25 00:39	1
Benzyl chloride	ND		7.8	3.8	ug/m3			10/04/25 00:39	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/04/25 00:39	1
Bromoform	ND		5.2	1.8	ug/m3			10/04/25 00:39	1
Bromomethane	ND		1.9	0.96	ug/m3			10/04/25 00:39	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/04/25 00:39	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/04/25 00:39	1
Carbon disulfide	**36**		6.2	0.88	ug/m3			10/04/25 00:39	1
Carbon tetrachloride	**1.2**	**J**	3.1	1.0	ug/m3			10/04/25 00:39	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/04/25 00:39	1
Chloroethane	ND		1.3	0.77	ug/m3			10/04/25 00:39	1
Chloroform	**3.8**		2.4	1.1	ug/m3			10/04/25 00:39	1
Chloromethane	**0.87**	**J**	1.0	0.62	ug/m3			10/04/25 00:39	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/04/25 00:39	1
Dichlorodifluoromethane	ND		2.5	1.5	ug/m3			10/04/25 00:39	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/04/25 00:39	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/04/25 00:39	1
Ethylbenzene	**2.8**		2.2	0.90	ug/m3			10/04/25 00:39	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/04/25 00:39	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/04/25 00:39	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/04/25 00:39	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/04/25 00:39	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/04/25 00:39	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/04/25 00:39	1
o-Xylene	**1.5**	**J**	2.2	0.89	ug/m3			10/04/25 00:39	1
m,p-Xylene	**3.2**	**J**	8.7	2.4	ug/m3			10/04/25 00:39	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-10
Date Collected: 09/26/25 13:06
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-10
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/04/25 00:39	1
Styrene	ND		6.4	2.2	ug/m3			10/04/25 00:39	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/04/25 00:39	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/04/25 00:39	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/04/25 00:39	1
tert-Butyl alcohol (TBA)	ND		6.1	1.6	ug/m3			10/04/25 00:39	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/04/25 00:39	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/04/25 00:39	1
Toluene	26		1.9	0.80	ug/m3			10/04/25 00:39	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/04/25 00:39	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/04/25 00:39	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/04/25 00:39	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/04/25 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 132*		*10/04/25 00:39*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*10/04/25 00:39*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/04/25 00:39*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-5
Date Collected: 09/26/25 13:26
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-11
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/03/25 01:23	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/03/25 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/03/25 01:23	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/03/25 01:23	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/03/25 01:23	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/03/25 01:23	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/03/25 01:23	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/03/25 01:23	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/03/25 01:23	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/03/25 01:23	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/03/25 01:23	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/03/25 01:23	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/03/25 01:23	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/03/25 01:23	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/03/25 01:23	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/03/25 01:23	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/03/25 01:23	1
2-Butanone (MEK)	**55**		4.4	1.8	ug/m3			10/03/25 01:23	1
2-Hexanone	**4.2**	**J**	6.1	3.0	ug/m3			10/03/25 01:23	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/03/25 01:23	1
4-Methyl-2-pentanone (MIBK)	**4.6**	**J**	6.1	2.6	ug/m3			10/03/25 01:23	1
Acetone	**160**		4.8	1.9	ug/m3			10/03/25 01:23	1
Benzene	**12**		1.6	0.63	ug/m3			10/03/25 01:23	1
Benzyl chloride	ND	*+	7.8	3.8	ug/m3			10/03/25 01:23	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/03/25 01:23	1
Bromoform	ND		5.2	1.8	ug/m3			10/03/25 01:23	1
Bromomethane	ND		1.9	0.96	ug/m3			10/03/25 01:23	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/03/25 01:23	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/03/25 01:23	1
Carbon disulfide	**12**		6.2	0.88	ug/m3			10/03/25 01:23	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/03/25 01:23	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/03/25 01:23	1
Chloroethane	ND		1.3	0.77	ug/m3			10/03/25 01:23	1
Chloroform	ND		2.4	1.1	ug/m3			10/03/25 01:23	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/03/25 01:23	1
Dichlorodifluoromethane	**2.0**	**J**	2.5	1.5	ug/m3			10/03/25 01:23	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/03/25 01:23	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/03/25 01:23	1
Ethylbenzene	**3.7**		2.2	0.90	ug/m3			10/03/25 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/03/25 01:23	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/03/25 01:23	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/03/25 01:23	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/03/25 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/03/25 01:23	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/03/25 01:23	1
o-Xylene	**1.7**	**J**	2.2	0.89	ug/m3			10/03/25 01:23	1
m,p-Xylene	**3.9**	**J**	8.7	2.4	ug/m3			10/03/25 01:23	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/03/25 01:23	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-5

Date Collected: 09/26/25 13:26
Date Received: 09/26/25 14:34
Sample Container: Summa Canister 1L

Lab Sample ID: 570-248019-11

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	2.2	ug/m3			10/03/25 01:23	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/03/25 01:23	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/03/25 01:23	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/03/25 01:23	1
tert-Butyl alcohol (TBA)	**4.0**	**J**	6.1	1.6	ug/m3			10/03/25 01:23	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/03/25 01:23	1
Tetrachloroethene	**3.9**		3.4	1.5	ug/m3			10/03/25 01:23	1
Toluene	**15**		1.9	0.80	ug/m3			10/03/25 01:23	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/03/25 01:23	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/03/25 01:23	1
Vinyl acetate	**7.1**		7.0	2.2	ug/m3			10/03/25 01:23	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/03/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 132*		*10/03/25 01:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/03/25 01:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*10/03/25 01:23*	*1*

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.62	ug/m3			10/04/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 132*		*10/04/25 01:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*10/04/25 01:23*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/04/25 01:23*	*1*

Surrogate Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

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

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(66-132)	(70-130)	(70-130)
570-248019-1	SV-3-10	110	97	105
570-248019-1 - DL	SV-3-10	113	100	90
570-248019-2	SV-3-5	112	103	105
570-248019-2 - RA	SV-3-5	100	94	92
570-248019-3	Dupe	110	103	107
570-248019-3 - RA	Dupe	98	96	93
570-248019-4	SV-4-10	110	103	106
570-248019-4 - RA	SV-4-10	93	100	91
570-248019-5	SV-4-5	110	105	104
570-248019-5 - RA	SV-4-5	94	103	93
570-248019-6	SV-2-10	106	101	107
570-248019-6 - RA	SV-2-10	88	101	95
570-248019-7	SV-2-5	107	103	108
570-248019-7 - RA	SV-2-5	90	100	97
570-248019-8	SV-5-10	97	102	94
570-248019-9	SV-5-5	107	103	104
570-248019-10	SV-1-10	99	107	95
570-248019-11	SV-1-5	111	101	104
570-248019-11 - RA	SV-1-5	89	95	99
LCS 570-634493/4	Lab Control Sample	111	107	107
LCS 570-635074/3	Lab Control Sample	95	80	102
LCSD 570-634493/5	Lab Control Sample Dup	110	106	105
LCSD 570-635074/4	Lab Control Sample Dup	98	81	103
MB 570-634493/7	Method Blank	111	102	105
MB 570-635074/6	Method Blank	112	102	96

Surrogate Legend

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

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

Lab Sample ID: MB 570-634493/7
Matrix: Air
Analysis Batch: 634493

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/02/25 15:36	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/02/25 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/02/25 15:36	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/02/25 15:36	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/02/25 15:36	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/02/25 15:36	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/02/25 15:36	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/02/25 15:36	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/02/25 15:36	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/02/25 15:36	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/02/25 15:36	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/02/25 15:36	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/02/25 15:36	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/02/25 15:36	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/02/25 15:36	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/02/25 15:36	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/02/25 15:36	1
2-Butanone (MEK)	ND		4.4	1.8	ug/m3			10/02/25 15:36	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/02/25 15:36	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/02/25 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/02/25 15:36	1
Acetone	ND		4.8	1.9	ug/m3			10/02/25 15:36	1
Benzene	ND		1.6	0.63	ug/m3			10/02/25 15:36	1
Benzyl chloride	ND		7.8	3.8	ug/m3			10/02/25 15:36	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/02/25 15:36	1
Bromoform	ND		5.2	1.8	ug/m3			10/02/25 15:36	1
Bromomethane	ND		1.9	0.96	ug/m3			10/02/25 15:36	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/02/25 15:36	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/02/25 15:36	1
Carbon disulfide	ND		6.2	0.88	ug/m3			10/02/25 15:36	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/02/25 15:36	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/02/25 15:36	1
Chloroethane	ND		1.3	0.77	ug/m3			10/02/25 15:36	1
Chloroform	ND		2.4	1.1	ug/m3			10/02/25 15:36	1
Chloromethane	ND		1.0	0.62	ug/m3			10/02/25 15:36	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/02/25 15:36	1
Dichlorodifluoromethane	ND		2.5	1.5	ug/m3			10/02/25 15:36	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/02/25 15:36	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/02/25 15:36	1
Ethylbenzene	ND		2.2	0.90	ug/m3			10/02/25 15:36	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/02/25 15:36	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/02/25 15:36	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/02/25 15:36	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/02/25 15:36	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/02/25 15:36	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/02/25 15:36	1
o-Xylene	ND		2.2	0.89	ug/m3			10/02/25 15:36	1
m,p-Xylene	ND		8.7	2.4	ug/m3			10/02/25 15:36	1

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

Lab Sample ID: MB 570-634493/7
Matrix: Air
Analysis Batch: 634493

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/02/25 15:36	1
Styrene	ND		6.4	2.2	ug/m3			10/02/25 15:36	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/02/25 15:36	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/02/25 15:36	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/02/25 15:36	1
tert-Butyl alcohol (TBA)	ND		6.1	1.6	ug/m3			10/02/25 15:36	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/02/25 15:36	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/02/25 15:36	1
Toluene	ND		1.9	0.80	ug/m3			10/02/25 15:36	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/02/25 15:36	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/02/25 15:36	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/02/25 15:36	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/02/25 15:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 132*		*10/02/25 15:36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/02/25 15:36*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*10/02/25 15:36*	*1*

Lab Sample ID: LCS 570-634493/4
Matrix: Air
Analysis Batch: 634493

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	147.9		ug/m3		108	67 - 135
1,1,2,2-Tetrachloroethane	172	200.1		ug/m3		117	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	192	197.3		ug/m3		103	70 - 130
1,1,2-Trichloroethane	136	156.5		ug/m3		115	69 - 131
1,1-Dichloroethane	101	111.0		ug/m3		110	69 - 130
1,1-Dichloroethene	99.1	108.0		ug/m3		109	64 - 135
1,1-Difluoroethane	67.5	71.68		ug/m3		106	57 - 146
1,2,4-Trichlorobenzene	186	190.7		ug/m3		103	51 - 134
1,2,4-Trimethylbenzene	123	126.9		ug/m3		103	68 - 130
1,2-Dibromo-3-Chloropropane	242	236.1		ug/m3		98	66 - 130
1,2-Dibromoethane	192	211.5		ug/m3		110	70 - 130
1,2-Dichlorobenzene	150	145.1		ug/m3		97	68 - 130
1,2-Dichloroethane	101	118.8		ug/m3		117	65 - 136
1,2-Dichloropropane	116	127.2		ug/m3		110	68 - 132
1,3,5-Trimethylbenzene	123	130.5		ug/m3		106	69 - 130
1,3-Dichlorobenzene	150	147.7		ug/m3		98	65 - 130
1,4-Dichlorobenzene	150	149.6		ug/m3		100	64 - 130
2-Butanone (MEK)	73.7	86.62		ug/m3		117	66 - 143
2-Hexanone	102	123.9		ug/m3		121	64 - 139
4-Ethyltoluene	123	132.4		ug/m3		108	69 - 130
4-Methyl-2-pentanone (MIBK)	102	118.6		ug/m3		116	65 - 135
Acetone	59.4	65.67		ug/m3		111	70 - 130
Benzene	79.9	85.75		ug/m3		107	68 - 134
Benzyl chloride	129	177.4	*+ me	ug/m3		137	70 - 130

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

Lab Sample ID: LCS 570-634493/4
Matrix: Air
Analysis Batch: 634493

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	168	181.6		ug/m3		108	69 - 132
Bromoform	258	281.3		ug/m3		109	70 - 130
Bromomethane	97.1	103.5		ug/m3		107	65 - 130
cis-1,2-Dichloroethene	99.1	106.2		ug/m3		107	70 - 130
cis-1,3-Dichloropropene	113	135.5		ug/m3		119	70 - 134
Carbon disulfide	77.9	78.08		ug/m3		100	70 - 130
Carbon tetrachloride	157	163.8		ug/m3		104	68 - 133
Chlorobenzene	115	121.2		ug/m3		105	70 - 130
Chloroethane	66.0	72.04		ug/m3		109	66 - 134
Chloroform	122	135.7		ug/m3		111	67 - 131
Chloromethane	51.6	75.14	*+ me	ug/m3		146	60 - 137
Dibromochloromethane	213	233.7		ug/m3		110	70 - 130
Dichlorodifluoromethane	124	126.9		ug/m3		103	57 - 138
Dichlorotetrafluoroethane	175	183.5		ug/m3		105	60 - 133
Di-isopropyl ether (DIPE)	104	116.7		ug/m3		112	58 - 144
Ethylbenzene	109	117.4		ug/m3		108	70 - 130
Ethyl-t-butyl ether (ETBE)	104	112.8		ug/m3		108	67 - 130
Hexachloro-1,3-butadiene	267	257.7		ug/m3		97	58 - 130
Isopropyl alcohol	61.5	74.53		ug/m3		121	64 - 133
Methylene Chloride	86.8	93.52		ug/m3		108	65 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	99.23		ug/m3		110	70 - 130
n-Butylbenzene	137	147.6		ug/m3		108	64 - 130
o-Xylene	109	118.8		ug/m3		109	68 - 130
m,p-Xylene	217	239.9		ug/m3		111	70 - 130
sec-Butylbenzene	137	145.4		ug/m3		106	67 - 130
Styrene	106	128.9		ug/m3		121	70 - 130
trans-1,2-Dichloroethene	99.1	96.81		ug/m3		98	70 - 130
trans-1,3-Dichloropropene	113	130.2		ug/m3		115	66 - 142
Tert-amyl-methyl ether (TAME)	104	109.1		ug/m3		104	70 - 130
tert-Butyl alcohol (TBA)	152	159.4		ug/m3		105	65 - 132
tert-Butylbenzene	137	136.1		ug/m3		99	70 - 130
Tetrachloroethene	170	164.7		ug/m3		97	70 - 130
Toluene	94.2	103.7		ug/m3		110	70 - 130
Trichloroethene	134	137.4		ug/m3		102	69 - 130
Trichlorofluoromethane	140	146.2		ug/m3		104	62 - 139
Vinyl acetate	88.0	107.6		ug/m3		122	64 - 139
Vinyl chloride	63.9	69.46		ug/m3		109	65 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 132*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: LCSD 570-634493/5
Matrix: Air
Analysis Batch: 634493

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	143.5		ug/m3		105	67 - 135	3	25
1,1,2,2-Tetrachloroethane	172	196.4		ug/m3		114	70 - 130	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	192	193.2		ug/m3		101	70 - 130	2	25
1,1,2-Trichloroethane	136	153.2		ug/m3		112	69 - 131	2	25
1,1-Dichloroethane	101	107.6		ug/m3		106	69 - 130	3	25
1,1-Dichloroethene	99.1	104.9		ug/m3		106	64 - 135	3	25
1,1-Difluoroethane	67.5	68.32		ug/m3		101	57 - 146	5	25
1,2,4-Trichlorobenzene	186	196.3		ug/m3		106	51 - 134	3	25
1,2,4-Trimethylbenzene	123	126.4		ug/m3		103	68 - 130	0	25
1,2-Dibromo-3-Chloropropane	242	238.5		ug/m3		99	66 - 130	1	25
1,2-Dibromoethane	192	207.7		ug/m3		108	70 - 130	2	25
1,2-Dichlorobenzene	150	140.9		ug/m3		94	68 - 130	3	25
1,2-Dichloroethane	101	116.7		ug/m3		115	65 - 136	2	25
1,2-Dichloropropane	116	124.8		ug/m3		108	68 - 132	2	25
1,3,5-Trimethylbenzene	123	128.3		ug/m3		104	69 - 130	2	25
1,3-Dichlorobenzene	150	144.8		ug/m3		96	65 - 130	2	25
1,4-Dichlorobenzene	150	147.1		ug/m3		98	64 - 130	2	25
2-Butanone (MEK)	73.7	83.45		ug/m3		113	66 - 143	4	25
2-Hexanone	102	118.9		ug/m3		116	64 - 139	4	25
4-Ethyltoluene	123	131.5		ug/m3		107	69 - 130	1	25
4-Methyl-2-pentanone (MIBK)	102	118.8		ug/m3		116	65 - 135	0	25
Acetone	59.4	62.63		ug/m3		105	70 - 130	5	25
Benzene	79.9	84.35		ug/m3		106	68 - 134	2	25
Benzyl chloride	129	174.9	*+ me	ug/m3		135	70 - 130	1	25
Bromodichloromethane	168	175.1		ug/m3		105	69 - 132	4	25
Bromoform	258	277.7		ug/m3		107	70 - 130	1	25
Bromomethane	97.1	99.70		ug/m3		103	65 - 130	4	25
cis-1,2-Dichloroethene	99.1	105.9		ug/m3		107	70 - 130	0	25
cis-1,3-Dichloropropene	113	133.2		ug/m3		117	70 - 134	2	25
Carbon disulfide	77.9	75.83		ug/m3		97	70 - 130	3	25
Carbon tetrachloride	157	161.3		ug/m3		103	68 - 133	2	25
Chlorobenzene	115	120.4		ug/m3		105	70 - 130	1	25
Chloroethane	66.0	68.36		ug/m3		104	66 - 134	5	25
Chloroform	122	132.4		ug/m3		108	67 - 131	2	25
Chloromethane	51.6	71.54	*+ me	ug/m3		139	60 - 137	5	25
Dibromochloromethane	213	227.2		ug/m3		107	70 - 130	3	25
Dichlorodifluoromethane	124	125.9		ug/m3		102	57 - 138	1	25
Dichlorotetrafluoroethane	175	180.0		ug/m3		103	60 - 133	2	25
Di-isopropyl ether (DIPE)	104	118.2		ug/m3		113	58 - 144	1	25
Ethylbenzene	109	116.0		ug/m3		107	70 - 130	1	25
Ethyl-t-butyl ether (ETBE)	104	113.4		ug/m3		109	67 - 130	1	25
Hexachloro-1,3-butadiene	267	262.1		ug/m3		98	58 - 130	2	25
Isopropyl alcohol	61.5	71.50		ug/m3		116	64 - 133	4	25
Methylene Chloride	86.8	90.67		ug/m3		104	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	90.1	97.82		ug/m3		109	70 - 130	1	25
n-Butylbenzene	137	146.8		ug/m3		107	64 - 130	1	25
o-Xylene	109	116.7		ug/m3		108	68 - 130	2	25
m,p-Xylene	217	233.9		ug/m3		108	70 - 130	3	25

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

Lab Sample ID: LCSD 570-634493/5
Matrix: Air
Analysis Batch: 634493

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
sec-Butylbenzene			137	144.4		ug/m3		105	67 - 130	1	25
Styrene			106	126.2		ug/m3		119	70 - 130	2	25
trans-1,2-Dichloroethene			99.1	94.04		ug/m3		95	70 - 130	3	25
trans-1,3-Dichloropropene			113	130.2		ug/m3		115	66 - 142	0	25
Tert-amyl-methyl ether (TAME)			104	110.3		ug/m3		106	70 - 130	1	25
tert-Butyl alcohol (TBA)			152	158.3		ug/m3		104	65 - 132	1	25
tert-Butylbenzene			137	134.5		ug/m3		98	70 - 130	1	25
Tetrachloroethene			170	162.3		ug/m3		96	70 - 130	1	25
Toluene			94.2	99.95		ug/m3		106	70 - 130	4	25
Trichloroethene			134	134.5		ug/m3		100	69 - 130	2	25
Trichlorofluoromethane			140	140.6		ug/m3		100	62 - 139	4	25
Vinyl acetate			88.0	103.3		ug/m3		117	64 - 139	4	25
Vinyl chloride			63.9	66.60		ug/m3		104	65 - 130	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 132*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 570-635074/6
Matrix: Air
Analysis Batch: 635074

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			10/03/25 14:39	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			10/03/25 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			10/03/25 14:39	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			10/03/25 14:39	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			10/03/25 14:39	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			10/03/25 14:39	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			10/03/25 14:39	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			10/03/25 14:39	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			10/03/25 14:39	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			10/03/25 14:39	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			10/03/25 14:39	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			10/03/25 14:39	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			10/03/25 14:39	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			10/03/25 14:39	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			10/03/25 14:39	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			10/03/25 14:39	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			10/03/25 14:39	1
2-Butanone (MEK)	ND		4.4	1.8	ug/m3			10/03/25 14:39	1
2-Hexanone	ND		6.1	3.0	ug/m3			10/03/25 14:39	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			10/03/25 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			10/03/25 14:39	1
Acetone	ND		4.8	1.9	ug/m3			10/03/25 14:39	1
Benzene	ND		1.6	0.63	ug/m3			10/03/25 14:39	1
Benzyl chloride	ND		7.8	3.8	ug/m3			10/03/25 14:39	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

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

Lab Sample ID: MB 570-635074/6
Matrix: Air
Analysis Batch: 635074

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		3.4	1.2	ug/m3			10/03/25 14:39	1
Bromoform	ND		5.2	1.8	ug/m3			10/03/25 14:39	1
Bromomethane	ND		1.9	0.96	ug/m3			10/03/25 14:39	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			10/03/25 14:39	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			10/03/25 14:39	1
Carbon disulfide	ND		6.2	0.88	ug/m3			10/03/25 14:39	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			10/03/25 14:39	1
Chlorobenzene	ND		2.3	0.73	ug/m3			10/03/25 14:39	1
Chloroethane	ND		1.3	0.77	ug/m3			10/03/25 14:39	1
Chloroform	ND		2.4	1.1	ug/m3			10/03/25 14:39	1
Chloromethane	ND		1.0	0.62	ug/m3			10/03/25 14:39	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			10/03/25 14:39	1
Dichlorodifluoromethane	ND		2.5	1.5	ug/m3			10/03/25 14:39	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			10/03/25 14:39	1
Di-isopropyl ether (DIPE)	ND		8.4	2.6	ug/m3			10/03/25 14:39	1
Ethylbenzene	ND		2.2	0.90	ug/m3			10/03/25 14:39	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	2.5	ug/m3			10/03/25 14:39	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			10/03/25 14:39	1
Isopropyl alcohol	ND		12	7.8	ug/m3			10/03/25 14:39	1
Methylene Chloride	ND		4.3	3.1	ug/m3			10/03/25 14:39	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			10/03/25 14:39	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			10/03/25 14:39	1
o-Xylene	ND		2.2	0.89	ug/m3			10/03/25 14:39	1
m,p-Xylene	ND		8.7	2.4	ug/m3			10/03/25 14:39	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			10/03/25 14:39	1
Styrene	ND		6.4	2.2	ug/m3			10/03/25 14:39	1
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			10/03/25 14:39	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			10/03/25 14:39	1
Tert-amyl-methyl ether (TAME)	ND		8.4	2.4	ug/m3			10/03/25 14:39	1
tert-Butyl alcohol (TBA)	ND		6.1	1.6	ug/m3			10/03/25 14:39	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			10/03/25 14:39	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			10/03/25 14:39	1
Toluene	ND		1.9	0.80	ug/m3			10/03/25 14:39	1
Trichloroethene	ND		2.7	1.1	ug/m3			10/03/25 14:39	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			10/03/25 14:39	1
Vinyl acetate	ND		7.0	2.2	ug/m3			10/03/25 14:39	1
Vinyl chloride	ND		1.3	0.67	ug/m3			10/03/25 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 132*		*10/03/25 14:39*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/03/25 14:39*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/03/25 14:39*	*1*

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

Lab Sample ID: LCS 570-635074/3
Matrix: Air
Analysis Batch: 635074

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	129.8		ug/m3		95	67 - 135
1,1,2,2-Tetrachloroethane	172	158.9		ug/m3		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	192	185.5		ug/m3		97	70 - 130
1,1,2-Trichloroethane	136	150.0		ug/m3		110	69 - 131
1,1-Dichloroethane	101	94.58		ug/m3		93	69 - 130
1,1-Dichloroethene	99.1	90.60		ug/m3		91	64 - 135
1,1-Difluoroethane	67.5	45.40		ug/m3		67	57 - 146
1,2,4-Trichlorobenzene	186	182.4		ug/m3		98	51 - 134
1,2,4-Trimethylbenzene	123	106.0		ug/m3		86	68 - 130
1,2-Dibromo-3-Chloropropane	242	223.8		ug/m3		93	66 - 130
1,2-Dibromoethane	192	209.6		ug/m3		109	70 - 130
1,2-Dichlorobenzene	150	135.4		ug/m3		90	68 - 130
1,2-Dichloroethane	101	102.3		ug/m3		101	65 - 136
1,2-Dichloropropane	116	121.5		ug/m3		105	68 - 132
1,3,5-Trimethylbenzene	123	110.0		ug/m3		90	69 - 130
1,3-Dichlorobenzene	150	133.4		ug/m3		89	65 - 130
1,4-Dichlorobenzene	150	131.5		ug/m3		87	64 - 130
2-Butanone (MEK)	73.7	75.13		ug/m3		102	66 - 143
2-Hexanone	102	99.45		ug/m3		97	64 - 139
4-Ethyltoluene	123	110.5		ug/m3		90	69 - 130
4-Methyl-2-pentanone (MIBK)	102	105.2		ug/m3		103	65 - 135
Acetone	59.4	53.67		ug/m3		90	70 - 130
Benzene	79.9	86.87		ug/m3		109	68 - 134
Benzyl chloride	129	123.3		ug/m3		95	70 - 130
Bromodichloromethane	168	185.1		ug/m3		110	69 - 132
Bromoform	258	272.2		ug/m3		105	70 - 130
Bromomethane	97.1	91.02		ug/m3		94	65 - 130
cis-1,2-Dichloroethene	99.1	98.86		ug/m3		100	70 - 130
cis-1,3-Dichloropropene	113	131.9		ug/m3		116	70 - 134
Carbon disulfide	77.9	66.34		ug/m3		85	70 - 130
Carbon tetrachloride	157	163.8		ug/m3		104	68 - 133
Chlorobenzene	115	122.6		ug/m3		106	70 - 130
Chloroethane	66.0	58.89		ug/m3		89	66 - 134
Chloroform	122	121.6		ug/m3		100	67 - 131
Chloromethane	51.6	35.07		ug/m3		68	60 - 137
Dibromochloromethane	213	233.6		ug/m3		110	70 - 130
Dichlorodifluoromethane	124	111.4		ug/m3		90	57 - 138
Dichlorotetrafluoroethane	175	157.6		ug/m3		90	60 - 133
Di-isopropyl ether (DIPE)	104	97.17		ug/m3		93	58 - 144
Ethylbenzene	109	113.1		ug/m3		104	70 - 130
Ethyl-t-butyl ether (ETBE)	104	98.04		ug/m3		94	67 - 130
Hexachloro-1,3-butadiene	267	258.7		ug/m3		97	58 - 130
Isopropyl alcohol	61.5	50.63		ug/m3		82	64 - 133
Methylene Chloride	86.8	77.73		ug/m3		90	65 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	89.68		ug/m3		99	70 - 130
n-Butylbenzene	137	119.4		ug/m3		87	64 - 130
o-Xylene	109	102.9		ug/m3		95	68 - 130
m,p-Xylene	217	212.2		ug/m3		98	70 - 130

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

Lab Sample ID: LCS 570-635074/3
Matrix: Air
Analysis Batch: 635074

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
sec-Butylbenzene			137	119.3		ug/m3		87	67 - 130		
Styrene			106	108.3		ug/m3		102	70 - 130		
trans-1,2-Dichloroethene			99.1	89.73		ug/m3		91	70 - 130		
trans-1,3-Dichloropropene			113	125.7		ug/m3		111	66 - 142		
Tert-amyl-methyl ether (TAME)			104	105.9		ug/m3		101	70 - 130		
tert-Butyl alcohol (TBA)			152	126.4		ug/m3		83	65 - 132		
tert-Butylbenzene			137	118.1		ug/m3		86	70 - 130		
Tetrachloroethene			170	182.9		ug/m3		108	70 - 130		
Toluene			94.2	98.50		ug/m3		105	70 - 130		
Trichloroethene			134	150.3		ug/m3		112	69 - 130		
Trichlorofluoromethane			140	124.8		ug/m3		89	62 - 139		
Vinyl acetate			88.0	85.27		ug/m3		97	64 - 139		
Vinyl chloride			63.9	58.33		ug/m3		91	65 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 132*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 570-635074/4
Matrix: Air
Analysis Batch: 635074

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	125.5		ug/m3		92	67 - 135	3	25
1,1,2,2-Tetrachloroethane			172	147.5		ug/m3		86	70 - 130	7	25
1,1,2-Trichloro-1,2,2-trifluoroetha ne			192	181.7		ug/m3		95	70 - 130	2	25
1,1,2-Trichloroethane			136	138.9		ug/m3		102	69 - 131	8	25
1,1-Dichloroethane			101	90.78		ug/m3		90	69 - 130	4	25
1,1-Dichloroethene			99.1	89.61		ug/m3		90	64 - 135	1	25
1,1-Difluoroethane			67.5	50.03		ug/m3		74	57 - 146	10	25
1,2,4-Trichlorobenzene			186	164.0		ug/m3		88	51 - 134	11	25
1,2,4-Trimethylbenzene			123	96.67		ug/m3		79	68 - 130	9	25
1,2-Dibromo-3-Chloropropane			242	200.2		ug/m3		83	66 - 130	11	25
1,2-Dibromoethane			192	191.6		ug/m3		100	70 - 130	9	25
1,2-Dichlorobenzene			150	121.9		ug/m3		81	68 - 130	10	25
1,2-Dichloroethane			101	98.04		ug/m3		97	65 - 136	4	25
1,2-Dichloropropane			116	112.3		ug/m3		97	68 - 132	8	25
1,3,5-Trimethylbenzene			123	100.3		ug/m3		82	69 - 130	9	25
1,3-Dichlorobenzene			150	121.2		ug/m3		81	65 - 130	10	25
1,4-Dichlorobenzene			150	119.8		ug/m3		80	64 - 130	9	25
2-Butanone (MEK)			73.7	72.46		ug/m3		98	66 - 143	4	25
2-Hexanone			102	92.53		ug/m3		90	64 - 139	7	25
4-Ethyltoluene			123	101.4		ug/m3		83	69 - 130	9	25
4-Methyl-2-pentanone (MIBK)			102	97.99		ug/m3		96	65 - 135	7	25
Acetone			59.4	50.89		ug/m3		86	70 - 130	5	25
Benzene			79.9	78.96		ug/m3		99	68 - 134	10	25
Benzyl chloride			129	112.1		ug/m3		87	70 - 130	9	25

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

Lab Sample ID: LCSD 570-635074/4
Matrix: Air
Analysis Batch: 635074

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
Bromodichloromethane			168	169.7		ug/m3		101	69 - 132	9	25
Bromoform			258	251.6		ug/m3		97	70 - 130	8	25
Bromomethane			97.1	91.43		ug/m3		94	65 - 130	0	25
cis-1,2-Dichloroethene			99.1	93.17		ug/m3		94	70 - 130	6	25
cis-1,3-Dichloropropene			113	120.8		ug/m3		106	70 - 134	9	25
Carbon disulfide			77.9	65.97		ug/m3		85	70 - 130	1	25
Carbon tetrachloride			157	147.4		ug/m3		94	68 - 133	11	25
Chlorobenzene			115	112.7		ug/m3		98	70 - 130	8	25
Chloroethane			66.0	58.86		ug/m3		89	66 - 134	0	25
Chloroform			122	113.7		ug/m3		93	67 - 131	7	25
Chloromethane			51.6	35.02		ug/m3		68	60 - 137	0	25
Dibromochloromethane			213	212.2		ug/m3		100	70 - 130	10	25
Dichlorodifluoromethane			124	110.0		ug/m3		89	57 - 138	1	25
Dichlorotetrafluoroethane			175	157.7		ug/m3		90	60 - 133	0	25
Di-isopropyl ether (DIPE)			104	97.30		ug/m3		93	58 - 144	0	25
Ethylbenzene			109	103.8		ug/m3		96	70 - 130	9	25
Ethyl-t-butyl ether (ETBE)			104	96.73		ug/m3		93	67 - 130	1	25
Hexachloro-1,3-butadiene			267	230.8		ug/m3		87	58 - 130	11	25
Isopropyl alcohol			61.5	49.73		ug/m3		81	64 - 133	2	25
Methylene Chloride			86.8	82.77		ug/m3		95	65 - 130	6	25
Methyl-t-Butyl Ether (MTBE)			90.1	84.67		ug/m3		94	70 - 130	6	25
n-Butylbenzene			137	108.1		ug/m3		79	64 - 130	10	25
o-Xylene			109	96.12		ug/m3		89	68 - 130	7	25
m,p-Xylene			217	197.9		ug/m3		91	70 - 130	7	25
sec-Butylbenzene			137	108.1		ug/m3		79	67 - 130	10	25
Styrene			106	101.9		ug/m3		96	70 - 130	6	25
trans-1,2-Dichloroethene			99.1	86.76		ug/m3		88	70 - 130	3	25
trans-1,3-Dichloropropene			113	114.4		ug/m3		101	66 - 142	9	25
Tert-amyl-methyl ether (TAME)			104	97.78		ug/m3		94	70 - 130	8	25
tert-Butyl alcohol (TBA)			152	122.5		ug/m3		81	65 - 132	3	25
tert-Butylbenzene			137	108.1		ug/m3		79	70 - 130	9	25
Tetrachloroethene			170	165.2		ug/m3		97	70 - 130	10	25
Toluene			94.2	88.40		ug/m3		94	70 - 130	11	25
Trichloroethene			134	137.0		ug/m3		102	69 - 130	9	25
Trichlorofluoromethane			140	130.2		ug/m3		93	62 - 139	4	25
Vinyl acetate			88.0	81.74		ug/m3		93	64 - 139	4	25
Vinyl chloride			63.9	57.83		ug/m3		90	65 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Marginal Exceedance (ME) Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

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

Lab Sample ID: LCS 570-634493/4
Matrix: Air

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1-Trichloroethane	136	147.9		ug/m3	108	67 - 135	56 - 146	
1,1,2,2-Tetrachloroethane	172	200.1		ug/m3	117	70 - 130	60 - 140	
1,1,2-Trichloro-1,2,2-trifluoroethane	192	197.3		ug/m3	103	70 - 130	60 - 140	
1,1,2-Trichloroethane	136	156.5		ug/m3	115	69 - 131	59 - 141	
1,1-Dichloroethane	101	111.0		ug/m3	110	69 - 130	59 - 140	
1,1-Dichloroethene	99.1	108.0		ug/m3	109	64 - 135	52 - 147	
1,1-Difluoroethane	67.5	71.68		ug/m3	106	57 - 146	42 - 161	
1,2,4-Trichlorobenzene	186	190.7		ug/m3	103	51 - 134	37 - 148	
1,2,4-Trimethylbenzene	123	126.9		ug/m3	103	68 - 130	58 - 140	
1,2-Dibromo-3-Chloropropane	242	236.1		ug/m3	98	66 - 130	55 - 141	
1,2-Dibromoethane	192	211.5		ug/m3	110	70 - 130	60 - 140	
1,2-Dichlorobenzene	150	145.1		ug/m3	97	68 - 130	58 - 140	
1,2-Dichloroethane	101	118.8		ug/m3	117	65 - 136	53 - 148	
1,2-Dichloropropane	116	127.2		ug/m3	110	68 - 132	57 - 143	
1,3,5-Trimethylbenzene	123	130.5		ug/m3	106	69 - 130	59 - 140	
1,3-Dichlorobenzene	150	147.7		ug/m3	98	65 - 130	54 - 141	
1,4-Dichlorobenzene	150	149.6		ug/m3	100	64 - 130	53 - 141	
2-Butanone (MEK)	73.7	86.62		ug/m3	117	66 - 143	53 - 156	
2-Hexanone	102	123.9		ug/m3	121	64 - 139	52 - 152	
4-Ethyltoluene	123	132.4		ug/m3	108	69 - 130	59 - 140	
4-Methyl-2-pentanone (MIBK)	102	118.6		ug/m3	116	65 - 135	53 - 147	
Acetone	59.4	65.67		ug/m3	111	70 - 130	60 - 140	
Benzene	79.9	85.75		ug/m3	107	68 - 134	57 - 145	
Benzyl chloride	129	177.4	*+ me	ug/m3	137	70 - 130	60 - 140	ME
Bromodichloromethane	168	181.6		ug/m3	108	69 - 132	59 - 143	
Bromoform	258	281.3		ug/m3	109	70 - 130	60 - 140	
Bromomethane	97.1	103.5		ug/m3	107	65 - 130	54 - 141	
cis-1,2-Dichloroethene	99.1	106.2		ug/m3	107	70 - 130	60 - 140	
cis-1,3-Dichloropropene	113	135.5		ug/m3	119	70 - 134	59 - 145	
Carbon disulfide	77.9	78.08		ug/m3	100	70 - 130	60 - 140	
Carbon tetrachloride	157	163.8		ug/m3	104	68 - 133	57 - 144	
Chlorobenzene	115	121.2		ug/m3	105	70 - 130	60 - 140	
Chloroethane	66.0	72.04		ug/m3	109	66 - 134	55 - 145	
Chloroform	122	135.7		ug/m3	111	67 - 131	56 - 142	
Chloromethane	51.6	75.14	*+ me	ug/m3	146	60 - 137	47 - 150	ME
Dibromochloromethane	213	233.7		ug/m3	110	70 - 130	60 - 140	
Dichlorodifluoromethane	124	126.9		ug/m3	103	57 - 138	44 - 152	
Dichlorotetrafluoroethane	175	183.5		ug/m3	105	60 - 133	48 - 145	
Di-isopropyl ether (DIPE)	104	116.7		ug/m3	112	58 - 144	44 - 158	
Ethylbenzene	109	117.4		ug/m3	108	70 - 130	60 - 140	
Ethyl-t-butyl ether (ETBE)	104	112.8		ug/m3	108	67 - 130	57 - 141	
Hexachloro-1,3-butadiene	267	257.7		ug/m3	97	58 - 130	46 - 142	
Isopropyl alcohol	61.5	74.53		ug/m3	121	64 - 133	53 - 145	
Methylene Chloride	86.8	93.52		ug/m3	108	65 - 130	54 - 141	
Methyl-t-Butyl Ether (MTBE)	90.1	99.23		ug/m3	110	70 - 130	60 - 140	
n-Butylbenzene	137	147.6		ug/m3	108	64 - 130	53 - 141	
o-Xylene	109	118.8		ug/m3	109	68 - 130	58 - 140	
m,p-Xylene	217	239.9		ug/m3	111	70 - 130	60 - 140	
sec-Butylbenzene	137	145.4		ug/m3	106	67 - 130	57 - 141	

Marginal Exceedance (ME) Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

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

Lab Sample ID: LCS 570-634493/4
Matrix: Air

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Styrene	106	128.9		ug/m3	121	70 - 130	60 - 140	
trans-1,2-Dichloroethene	99.1	96.81		ug/m3	98	70 - 130	60 - 140	
trans-1,3-Dichloropropene	113	130.2		ug/m3	115	66 - 142	53 - 155	
Tert-amyl-methyl ether (TAME)	104	109.1		ug/m3	104	70 - 130	60 - 140	
tert-Butyl alcohol (TBA)	152	159.4		ug/m3	105	65 - 132	54 - 143	
tert-Butylbenzene	137	136.1		ug/m3	99	70 - 130	60 - 140	
Tetrachloroethene	170	164.7		ug/m3	97	70 - 130	60 - 140	
Toluene	94.2	103.7		ug/m3	110	70 - 130	60 - 140	
Trichloroethene	134	137.4		ug/m3	102	69 - 130	59 - 140	
Trichlorofluoromethane	140	146.2		ug/m3	104	62 - 139	49 - 152	
Vinyl acetate	88.0	107.6		ug/m3	122	64 - 139	52 - 152	
Vinyl chloride	63.9	69.46		ug/m3	109	65 - 130	54 - 141	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
61	3	2

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-634493/5
Matrix: Air

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1-Trichloroethane	136	143.5		ug/m3	105	67 - 135	56 - 146	
1,1,2,2-Tetrachloroethane	172	196.4		ug/m3	114	70 - 130	60 - 140	
1,1,2-Trichloro-1,2,2-trifluoroethane	192	193.2		ug/m3	101	70 - 130	60 - 140	
1,1,2-Trichloroethane	136	153.2		ug/m3	112	69 - 131	59 - 141	
1,1-Dichloroethane	101	107.6		ug/m3	106	69 - 130	59 - 140	
1,1-Dichloroethene	99.1	104.9		ug/m3	106	64 - 135	52 - 147	
1,1-Difluoroethane	67.5	68.32		ug/m3	101	57 - 146	42 - 161	
1,2,4-Trichlorobenzene	186	196.3		ug/m3	106	51 - 134	37 - 148	
1,2,4-Trimethylbenzene	123	126.4		ug/m3	103	68 - 130	58 - 140	
1,2-Dibromo-3-Chloropropane	242	238.5		ug/m3	99	66 - 130	55 - 141	
1,2-Dibromoethane	192	207.7		ug/m3	108	70 - 130	60 - 140	
1,2-Dichlorobenzene	150	140.9		ug/m3	94	68 - 130	58 - 140	
1,2-Dichloroethane	101	116.7		ug/m3	115	65 - 136	53 - 148	
1,2-Dichloropropane	116	124.8		ug/m3	108	68 - 132	57 - 143	
1,3,5-Trimethylbenzene	123	128.3		ug/m3	104	69 - 130	59 - 140	
1,3-Dichlorobenzene	150	144.8		ug/m3	96	65 - 130	54 - 141	
1,4-Dichlorobenzene	150	147.1		ug/m3	98	64 - 130	53 - 141	
2-Butanone (MEK)	73.7	83.45		ug/m3	113	66 - 143	53 - 156	
2-Hexanone	102	118.9		ug/m3	116	64 - 139	52 - 152	
4-Ethyltoluene	123	131.5		ug/m3	107	69 - 130	59 - 140	
4-Methyl-2-pentanone (MIBK)	102	118.8		ug/m3	116	65 - 135	53 - 147	
Acetone	59.4	62.63		ug/m3	105	70 - 130	60 - 140	
Benzene	79.9	84.35		ug/m3	106	68 - 134	57 - 145	
Benzyl chloride	129	174.9	*+ me	ug/m3	135	70 - 130	60 - 140	ME
Bromodichloromethane	168	175.1		ug/m3	105	69 - 132	59 - 143	
Bromoform	258	277.7		ug/m3	107	70 - 130	60 - 140	

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

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

Lab Sample ID: LCSD 570-634493/5
Matrix: Air

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Bromomethane	97.1	99.70		ug/m3	103	65 - 130	54 - 141	
cis-1,2-Dichloroethene	99.1	105.9		ug/m3	107	70 - 130	60 - 140	
cis-1,3-Dichloropropene	113	133.2		ug/m3	117	70 - 134	59 - 145	
Carbon disulfide	77.9	75.83		ug/m3	97	70 - 130	60 - 140	
Carbon tetrachloride	157	161.3		ug/m3	103	68 - 133	57 - 144	
Chlorobenzene	115	120.4		ug/m3	105	70 - 130	60 - 140	
Chloroethane	66.0	68.36		ug/m3	104	66 - 134	55 - 145	
Chloroform	122	132.4		ug/m3	108	67 - 131	56 - 142	
Chloromethane	51.6	71.54	*+ me	ug/m3	139	60 - 137	47 - 150	ME
Dibromochloromethane	213	227.2		ug/m3	107	70 - 130	60 - 140	
Dichlorodifluoromethane	124	125.9		ug/m3	102	57 - 138	44 - 152	
Dichlorotetrafluoroethane	175	180.0		ug/m3	103	60 - 133	48 - 145	
Di-isopropyl ether (DIPE)	104	118.2		ug/m3	113	58 - 144	44 - 158	
Ethylbenzene	109	116.0		ug/m3	107	70 - 130	60 - 140	
Ethyl-t-butyl ether (ETBE)	104	113.4		ug/m3	109	67 - 130	57 - 141	
Hexachloro-1,3-butadiene	267	262.1		ug/m3	98	58 - 130	46 - 142	
Isopropyl alcohol	61.5	71.50		ug/m3	116	64 - 133	53 - 145	
Methylene Chloride	86.8	90.67		ug/m3	104	65 - 130	54 - 141	
Methyl-t-Butyl Ether (MTBE)	90.1	97.82		ug/m3	109	70 - 130	60 - 140	
n-Butylbenzene	137	146.8		ug/m3	107	64 - 130	53 - 141	
o-Xylene	109	116.7		ug/m3	108	68 - 130	58 - 140	
m,p-Xylene	217	233.9		ug/m3	108	70 - 130	60 - 140	
sec-Butylbenzene	137	144.4		ug/m3	105	67 - 130	57 - 141	
Styrene	106	126.2		ug/m3	119	70 - 130	60 - 140	
trans-1,2-Dichloroethene	99.1	94.04		ug/m3	95	70 - 130	60 - 140	
trans-1,3-Dichloropropene	113	130.2		ug/m3	115	66 - 142	53 - 155	
Tert-amyl-methyl ether (TAME)	104	110.3		ug/m3	106	70 - 130	60 - 140	
tert-Butyl alcohol (TBA)	152	158.3		ug/m3	104	65 - 132	54 - 143	
tert-Butylbenzene	137	134.5		ug/m3	98	70 - 130	60 - 140	
Tetrachloroethene	170	162.3		ug/m3	96	70 - 130	60 - 140	
Toluene	94.2	99.95		ug/m3	106	70 - 130	60 - 140	
Trichloroethene	134	134.5		ug/m3	100	69 - 130	59 - 140	
Trichlorofluoromethane	140	140.6		ug/m3	100	62 - 139	49 - 152	
Vinyl acetate	88.0	103.3		ug/m3	117	64 - 139	52 - 152	
Vinyl chloride	63.9	66.60		ug/m3	104	65 - 130	54 - 141	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
61	3	2

ME = Marginal Exceedance

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Air - GC/MS VOA

Analysis Batch: 634493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248019-1	SV-3-10	Total/NA	Air	TO-15	
570-248019-2	SV-3-5	Total/NA	Air	TO-15	
570-248019-3	Dupe	Total/NA	Air	TO-15	
570-248019-4	SV-4-10	Total/NA	Air	TO-15	
570-248019-5	SV-4-5	Total/NA	Air	TO-15	
570-248019-6	SV-2-10	Total/NA	Air	TO-15	
570-248019-7	SV-2-5	Total/NA	Air	TO-15	
570-248019-9	SV-5-5	Total/NA	Air	TO-15	
570-248019-11	SV-1-5	Total/NA	Air	TO-15	
MB 570-634493/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-634493/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-634493/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 635074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248019-1 - DL	SV-3-10	Total/NA	Air	TO-15	
570-248019-2 - RA	SV-3-5	Total/NA	Air	TO-15	
570-248019-3 - RA	Dupe	Total/NA	Air	TO-15	
570-248019-4 - RA	SV-4-10	Total/NA	Air	TO-15	
570-248019-5 - RA	SV-4-5	Total/NA	Air	TO-15	
570-248019-6 - RA	SV-2-10	Total/NA	Air	TO-15	
570-248019-7 - RA	SV-2-5	Total/NA	Air	TO-15	
570-248019-8	SV-5-10	Total/NA	Air	TO-15	
570-248019-10	SV-1-10	Total/NA	Air	TO-15	
570-248019-11 - RA	SV-1-5	Total/NA	Air	TO-15	
MB 570-635074/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-635074/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-635074/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-3-10

Lab Sample ID: 570-248019-1

Date Collected: 09/26/25 08:39
Matrix: Air
Date Received: 09/26/25 14:34

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	250 mL	250 mL	634493	10/02/25 17:47	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	DL	5.46875	250 mL	250 mL	635074	10/03/25 18:44	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-3-5

Lab Sample ID: 570-248019-2

Date Collected: 09/26/25 09:03
Matrix: Air
Date Received: 09/26/25 14:34

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	250 mL	250 mL	634493	10/02/25 18:30	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 19:25	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: Dupe

Lab Sample ID: 570-248019-3

Date Collected: 09/26/25 09:15
Matrix: Air
Date Received: 09/26/25 14:34

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	250 mL	250 mL	634493	10/02/25 19:12	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 20:06	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-4-10

Lab Sample ID: 570-248019-4

Date Collected: 09/26/25 09:47
Matrix: Air
Date Received: 09/26/25 14:34

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	250 mL	250 mL	634493	10/02/25 19:55	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 20:48	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-4-5

Lab Sample ID: 570-248019-5

Date Collected: 09/26/25 10:05
Matrix: Air
Date Received: 09/26/25 14:34

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	250 mL	250 mL	634493	10/02/25 20:45	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 21:41	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-2-10
Date Collected: 09/26/25 10:29
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-6
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	250 mL	250 mL	634493	10/02/25 21:31	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 22:29	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-2-5
Date Collected: 09/26/25 10:46
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-7
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	250 mL	250 mL	634493	10/02/25 22:15	USQD	EET CAL 4
	Instrument ID: GCMSII									
Total/NA	Analysis	TO-15	RA	1	250 mL	250 mL	635074	10/03/25 23:12	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-5-10
Date Collected: 09/26/25 11:57
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-8
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	250 mL	250 mL	635074	10/03/25 23:59	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-5-5
Date Collected: 09/26/25 12:12
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-9
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	250 mL	250 mL	634493	10/02/25 23:49	USQD	EET CAL 4
	Instrument ID: GCMSII									

Client Sample ID: SV-1-10
Date Collected: 09/26/25 13:06
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-10
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	250 mL	250 mL	635074	10/04/25 00:39	YY9P	EET CAL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-1-5
Date Collected: 09/26/25 13:26
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-11
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	250 mL	250 mL	634493	10/03/25 01:23	USQD	EET CAL 4
	Instrument ID: GCMSII									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Client Sample ID: SV-1-5
Date Collected: 09/26/25 13:26
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248019-11
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	RA	1	250 mL	250 mL	635074	10/04/25 01:23	YY9P	EET CAL 4

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,1,1-Trichloroethane
TO-15		Air	1,1,2,2-Tetrachloroethane
TO-15		Air	1,1,2-Trichloro-1,2,2-trifluoroethane
TO-15		Air	1,1,2-Trichloroethane
TO-15		Air	1,1-Dichloroethane
TO-15		Air	1,1-Dichloroethene
TO-15		Air	1,1-Difluoroethane
TO-15		Air	1,2,4-Trichlorobenzene
TO-15		Air	1,2,4-Trimethylbenzene
TO-15		Air	1,2-Dibromo-3-Chloropropane
TO-15		Air	1,2-Dibromoethane
TO-15		Air	1,2-Dichlorobenzene
TO-15		Air	1,2-Dichloroethane
TO-15		Air	1,2-Dichloropropane
TO-15		Air	1,3,5-Trimethylbenzene
TO-15		Air	1,3-Dichlorobenzene
TO-15		Air	1,4-Dichlorobenzene
TO-15		Air	2-Butanone (MEK)
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Methyl-2-pentanone (MIBK)
TO-15		Air	Acetone
TO-15		Air	Benzene
TO-15		Air	Benzyl chloride
TO-15		Air	Bromodichloromethane
TO-15		Air	Bromoform
TO-15		Air	Bromomethane
TO-15		Air	Carbon disulfide
TO-15		Air	Carbon tetrachloride
TO-15		Air	Chlorobenzene
TO-15		Air	Chloroethane
TO-15		Air	Chloroform
TO-15		Air	Chloromethane
TO-15		Air	cis-1,2-Dichloroethene
TO-15		Air	cis-1,3-Dichloropropene
TO-15		Air	Dibromochloromethane
TO-15		Air	Dichlorodifluoromethane
TO-15		Air	Dichlorotetrafluoroethane
TO-15		Air	Di-isopropyl ether (DIPE)
TO-15		Air	Ethylbenzene
TO-15		Air	Ethyl-t-butyl ether (ETBE)
TO-15		Air	Hexachloro-1,3-butadiene
TO-15		Air	Isopropyl alcohol
TO-15		Air	m,p-Xylene
TO-15		Air	Methylene Chloride

Laboratory: Eurofins Calscience (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	Methyl-t-Butyl Ether (MTBE)
TO-15		Air	n-Butylbenzene
TO-15		Air	o-Xylene
TO-15		Air	sec-Butylbenzene
TO-15		Air	Styrene
TO-15		Air	Tert-amyl-methyl ether (TAME)
TO-15		Air	tert-Butyl alcohol (TBA)
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrachloroethene
TO-15		Air	Toluene
TO-15		Air	trans-1,2-Dichloroethene
TO-15		Air	trans-1,3-Dichloropropene
TO-15		Air	Trichloroethene
TO-15		Air	Trichlorofluoromethane
TO-15		Air	Vinyl acetate
TO-15		Air	Vinyl chloride

Oregon	NELAP	4175	02-02-26

Method Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job ID: 570-248019-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-248019-1	SV-3-10	Air	09/26/25 08:39	09/26/25 14:34	Air Canister (1-Liter) #LC858
570-248019-2	SV-3-5	Air	09/26/25 09:03	09/26/25 14:34	Air Canister (1-Liter) #LC127
570-248019-3	Dupe	Air	09/26/25 09:15	09/26/25 14:34	Air Canister (1-Liter) #LC1016
570-248019-4	SV-4-10	Air	09/26/25 09:47	09/26/25 14:34	Air Canister (1-Liter) #LC035
570-248019-5	SV-4-5	Air	09/26/25 10:05	09/26/25 14:34	Air Canister (1-Liter) #LC1212
570-248019-6	SV-2-10	Air	09/26/25 10:29	09/26/25 14:34	Air Canister (1-Liter) #LC955
570-248019-7	SV-2-5	Air	09/26/25 10:46	09/26/25 14:34	Air Canister (1-Liter) #LC099
570-248019-8	SV-5-10	Air	09/26/25 11:57	09/26/25 14:34	Air Canister (1-Liter) #LC271
570-248019-9	SV-5-5	Air	09/26/25 12:12	09/26/25 14:34	Air Canister (1-Liter) #LC1027
570-248019-10	SV-1-10	Air	09/26/25 13:06	09/26/25 14:34	Air Canister (1-Liter) #SLC039
570-248019-11	SV-1-5	Air	09/26/25 13:26	09/26/25 14:34	Air Canister (1-Liter) #LC298

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2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

570-248019 Chain of Custody

Loc: 570
248019

AIR CHAIN OF CUSTODY RECORD

DATE: 9-26-25

PAGE: 1 OF 1

LABORATORY CLIENT: Padre Associates	CLIENT PROJECT NAME / NUMBER: Tustin USD/2501-0092	P.O. NO.: 2501-0092	
ADDRESS: 350 University Avenue, Suite 250	PROJECT ADDRESS: Legacy Rd.	LAB CONTACT OR QUOTE NO.: ECI Project #57026774	
CITY: Sacramento STATE: CA ZIP: 95825	CITY: Tustin STATE: CA ZIP: 92782	SAMPLER(S): (PRINT) Will WYATT / Lauren Alamillo	
TEL: 916-952-5421 E-MAIL: achurchill@padreinc.com	PROJECT CONTACT: Alan Churchill		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ EDD ☐ UNITS _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES: VOCs (TO-15 List); Isopropyl Alcohol

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Media ID #	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	VOCs (TO-15 List)	Isopropyl Alcohol
1	SV-3-10		SV	LC858	1L	A452	9-26-25	828	30	9-26-25	0839	2	✓	✓
2	SV-3-5		SV	LC127		A454		0855	31		0903	3	✓	✓
3	Dupe		SV	LC1016		A237		0906	32		0915	2	✓	✓
4	SV-4-10		SV	LC035		A199		0939	30		0947	2	✓	✓
5	SV-4-5		SV	LC1212		A347		0959	29		1005	3	✓	✓
6	SV-2-10		SV	LC955		A195		1022	28		1029	2	✓	✓
7	SV-2-5		SV	LC099		A317		1039	31		1046	2	✓	✓
8	SV-5-10		SV	LC271		A395		1146	31		1157	3	✓	✓
9	SV-5-5		SV	LC1027		A513		1206	30		1212	2	✓	✓
10	SV-1-10		SV	SLC039		A158		1300	29		1306	3	✓	✓
11	SV-1-5		SV	LC298		A114		1319	31		1326	2	✓	✓

Relinquished by: (Signature) Lauren Alamillo	Received by: (Signature/Affiliation) EC	Date: 9-26-25	Time: 14:34
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

Login Sample Receipt Checklist

Client: Padre Associates, Inc.

Job Number: 570-248019-1

Login Number: 248019

List Source: Eurofins Calscience

List Number: 1

Creator: Murillo, Jesus

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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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	

Summa Canister Dilution Worksheet

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job No.: 570-248019-1

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
570-248019-1	1	-29.5	-0.6	0.98	0.98	-0.294692	0.98	0.98		1.00	1.00	AIR MG 6	09/30/25 11:04	YY9P
570-248019-1	1	-29.5	-7	0.77	0.77	5	1.34	1.34		1.75	1.75	air mg 6	10/03/25 15:20	YY9P
570-248019-2	1	-29.5	-1.4	0.95	0.95	-0.687616	0.95	0.95		1.00	1.00	AIR MG 6	09/30/25 11:05	YY9P
570-248019-3	1	-29.5	-0.4	0.99	0.99	-0.196462	0.99	0.99		1.00	1.00	AIR MG 6	09/30/25 11:05	YY9P
570-248019-4	1	-29.5	-1.8	0.94	0.94	-0.884077	0.94	0.94		1.00	1.00	AIR MG 6	09/30/25 11:05	YY9P
570-248019-5	1	-29.5	-5.8	0.81	0.81	-2.84869	0.81	0.81		1.00	1.00	AIR MG 6	09/30/25 11:05	YY9P
570-248019-6	1	-29.5	-4.8	0.84	0.84	-2.35754	0.84	0.84		1.00	1.00	AIR MG 6	09/30/25 11:05	YY9P
570-248019-7	1	-29.5	-2.8	0.91	0.91	-1.37523	0.91	0.91		1.00	1.00	AIR MG 6	09/30/25 11:06	YY9P
570-248019-8	1	-29.5	-5.6	0.81	0.81	-2.75046	0.81	0.81		1.00	1.00	AIR MG 6	09/30/25 11:06	YY9P
570-248019-9	1	-29.5	-3.6	0.88	0.88	-1.76815	0.88	0.88		1.00	1.00	AIR MG 6	09/30/25 11:06	YY9P
570-248019-10	1	-29.5	-6	0.80	0.80	-2.94692	0.80	0.80		1.00	1.00	AIR MG 6	09/30/25 11:06	YY9P
570-248019-11	1	-29.5	-1.6	0.95	0.95	-0.785847	0.95	0.95		1.00	1.00	AIR MG 6	09/30/25 11:06	YY9P

Summa Canister Dilution Worksheet

Client: Padre Associates, Inc.
Project/Site: Tustin USD/2501-0092

Job No.: 570-248019-1

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)

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ANALYTICAL REPORT

PREPARED FOR

Attn: Alan Churchill
Padre Associates, Inc.
350 University Ave Suite 250
Sacramento, California 95827

Generated 10/8/2025 10:59:03 AM

JOB DESCRIPTION

Tustin USD-Proposed District Offices
Legacy Road, Tustin CA

JOB NUMBER

570-248388-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
Rossina Tomova, Project Manager I
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Definitions/Glossary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-248388-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/26/2025 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°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 570-634680. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

PFAS
Method 1633_Final: The following samples GW-1 (570-248388-1), GW-2 (570-248388-2), GW-3 (570-248388-3), GW-4 (570-248388-4), GW-5 (570-248388-5) and DUPE (570-248388-6) with elevated total suspended solids (TSS) in the sample containers were fortified with Extracted Internal Standards (EIS), equilibrated, and centrifuged. The aqueous phase was separated and then extracted using Solid Phase Extraction (SPE). A rinse of the solid residue was added to the aqueous sample prior to extraction. Potential outcomes of this approach include elevated reporting limits and poor EIS recoveries that may preferentially sorb to the particulates leading to qualified QC in the final results.

Method 1633_Final: The low level continuing calibration verification (CCVL) associated with batch 320-879210 recovered above the upper control limit for Nonafluoro-3,6-dioxaheptanoic acid (NFDHA). The samples and method blank (MB) associated with this CCVL were non-detects, the low level laboratory control sample, laboratory control sample, and laboratory control sample duplicate (LLCS/LCS/LCSD) were within control limits for the affected analyte; therefore, the data have been reported: GW-1 (570-248388-1), GW-2 (570-248388-2), GW-3 (570-248388-3), GW-4 (570-248388-4), GW-5 (570-248388-5), DUPE (570-248388-6), (CCVL 320-879210/2), (LCS 320-878742/3-A), (LCSD 320-878742/4-A), (LLCS 320-878742/2-A) and (MB 320-878742/1-A).

Method 1633_Final: One or more sample extract(s) was diluted (as indicated in the report) due to high target analyte concentration(s) indicated by the screening analysis. Elevated reporting limits (RLs) are provided. Unless otherwise noted, the dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits.

Method 1633_Final: The low level continuing calibration verification (CCVL) associated with batch 320-879210 recovered above the upper control limit for Perfluorohexanoic acid (PFHxA). The method blank (MB) associated with this CCVL was non-detect, the low level laboratory control sample, laboratory control sample, and laboratory control sample duplicate (LLCS/LCS/LCSD) were within control limits for the affected analyte; therefore, the data have been reported: (CCVL 320-879210/2), (LCS 320-878742/3-A), (LCSD 320-878742/4-A), (LLCS 320-878742/2-A) and (MB 320-878742/1-A).

Method 1633_Final: One or more sample extract(s) was diluted (as indicated in the report) due to high target analyte concentration(s). Elevated reporting limits (RLs) are provided. Unless otherwise noted, the dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits.

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

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-1 — Lab Sample ID: 570-248388-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9	J	10	7.4	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	410		36	8.9	ng/L	10		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	870		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	230		18	4.5	ng/L	10		1633	Total/NA
Perfluorooctanoic acid (PFOA)	410		18	4.5	ng/L	10		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	610		18	4.8	ng/L	10		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	450		18	4.5	ng/L	10		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1500		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	24		18	4.5	ng/L	10		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	220		18	4.5	ng/L	10		1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	64		36	8.9	ng/L	10		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - RA	800		18	4.5	ng/L	10		1633	Total/NA

Client Sample ID: GW-2 — Lab Sample ID: 570-248388-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	140		4.1	1.0	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	210		2.0	0.51	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	63		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	310		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	6.3		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.98	J	2.0	0.51	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	150		2.0	0.55	ng/L	1		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	82		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	320		2.0	0.51	ng/L	1		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	7.4		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	340		2.0	0.51	ng/L	1		1633	Total/NA
Perfluorononanesulfonic acid (PFNS)	0.63	J	2.0	0.51	ng/L	1		1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	130		4.1	1.0	ng/L	1		1633	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	15		4.1	1.0	ng/L	1		1633	Total/NA
Perfluorooctanesulfonamide (PFOSA)	1.3	J	2.0	0.51	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - RA	180		2.0	0.51	ng/L	1		1633	Total/NA

Client Sample ID: GW-3 — Lab Sample ID: 570-248388-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.25	J	0.50	0.24	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	2100		36	9.0	ng/L	10		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	4100		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	1100		18	4.5	ng/L	10		1633	Total/NA
Perfluorooctanoic acid (PFOA)	3000		18	4.5	ng/L	10		1633	Total/NA
Perfluorononanoic acid (PFNA)	95		18	4.5	ng/L	10		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1700		18	4.9	ng/L	10		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1200		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	130		18	4.5	ng/L	10		1633	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-3 (Continued)

Lab Sample ID: 570-248388-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1300		36	9.0	ng/L	10		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	3900		36	9.0	ng/L	20		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	6800		36	9.0	ng/L	20		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	5000		36	9.0	ng/L	20		1633	Total/NA

Client Sample ID: GW-4

Lab Sample ID: 570-248388-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14		10	7.4	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	960		36	9.0	ng/L	10		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	1800		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	390		18	4.5	ng/L	10		1633	Total/NA
Perfluorooctanoic acid (PFOA)	1300		18	4.5	ng/L	10		1633	Total/NA
Perfluorononanoic acid (PFNA)	36		18	4.5	ng/L	10		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1000		18	4.9	ng/L	10		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	690		18	4.5	ng/L	10		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2500		18	4.5	ng/L	10		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	59		18	4.5	ng/L	10		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	950		18	4.5	ng/L	10		1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	360		36	9.0	ng/L	10		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - RA	1700		18	4.5	ng/L	10		1633	Total/NA

Client Sample ID: GW-5

Lab Sample ID: 570-248388-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	79		3.7	0.92	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	130		1.8	0.46	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	35		1.8	0.46	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	220		1.8	0.46	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	9.7		1.8	0.46	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.75	J	1.8	0.46	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	70		1.8	0.50	ng/L	1		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	42		1.8	0.46	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	230		1.8	0.46	ng/L	1		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	6.0		1.8	0.46	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	150		1.8	0.46	ng/L	1		1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	480		3.7	0.92	ng/L	1		1633	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.3	J	3.7	0.92	ng/L	1		1633	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.99	J	1.8	0.46	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - RA	94		1.8	0.46	ng/L	1		1633	Total/NA

Client Sample ID: DUPE

Lab Sample ID: 570-248388-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	390		34	8.6	ng/L	10		1633	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: DUPE (Continued)

Lab Sample ID: 570-248388-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	970		17	4.3	ng/L	10		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	220		17	4.3	ng/L	10		1633	Total/NA
Perfluorooctanoic acid (PFOA)	390		17	4.3	ng/L	10		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	660		17	4.6	ng/L	10		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	470		17	4.3	ng/L	10		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1600		17	4.3	ng/L	10		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	27		17	4.3	ng/L	10		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	230		17	4.3	ng/L	10		1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	56		34	8.6	ng/L	10		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - RA	720		17	4.3	ng/L	10		1633	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-1
Date Collected: 09/26/25 12:27
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 21:57	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 21:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 21:57	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 21:57	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 21:57	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 21:57	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 21:57	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 21:57	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 21:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 21:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 21:57	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 21:57	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 21:57	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 21:57	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 21:57	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 21:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 21:57	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 21:57	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 21:57	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 21:57	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 21:57	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 21:57	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 21:57	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 21:57	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 21:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 21:57	1
Acetone	**8.9**	**J**	10	7.4	ug/L			10/02/25 21:57	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 21:57	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 21:57	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 21:57	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 21:57	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 21:57	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 21:57	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 21:57	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 21:57	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 21:57	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 21:57	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 21:57	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 21:57	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 21:57	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 21:57	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 21:57	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 21:57	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 21:57	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 21:57	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 21:57	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 21:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 21:57	1

Client Sample ID: GW-1

Date Collected: 09/26/25 12:27
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 21:57	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 21:57	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 21:57	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 21:57	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 21:57	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 21:57	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 21:57	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 21:57	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 21:57	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 21:57	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 21:57	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 21:57	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 21:57	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 21:57	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 21:57	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 21:57	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 21:57	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*		*10/02/25 21:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/02/25 21:57*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*10/02/25 21:57*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*10/02/25 21:57*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**410**		36	8.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoropentanoic acid (PFPeA)	**870**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoroheptanoic acid (PFHpA)	**230**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorooctanoic acid (PFOA)	**410**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorononanoic acid (PFNA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorodecanoic acid (PFDA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoroundecanoic acid (PFUnA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorododecanoic acid (PFDoA)	ND		18	4.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorotridecanoic acid (PFTrDA)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorotetradecanoic acid (PFTeDA)	ND		18	7.2	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorobutanesulfonic acid (PFBS)	**610**		18	4.8	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoropentanesulfonic acid (PFPeS)	**450**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorohexanesulfonic acid (PFHxS)	**1500**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoroheptanesulfonic acid (PFHpS)	**24**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorooctanesulfonic acid (PFOS)	**220**		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorononanesulfonic acid (PFNS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorodecanesulfonic acid (PFDS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorododecanesulfonic acid (PFDoS)	ND		18	4.7	ng/L		10/02/25 04:02	10/04/25 13:58	10

Client Sample ID: GW-1
Date Collected: 09/26/25 12:27
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-1
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		36	8.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**64**		36	8.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		36	8.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluorooctanesulfonamide (PFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		89	22	ng/L		10/02/25 04:02	10/04/25 13:58	10
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		89	22	ng/L		10/02/25 04:02	10/04/25 13:58	10
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		13	3.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	18	6.4	ng/L		10/02/25 04:02	10/04/25 13:58	10
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 13:58	10
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 13:58	10
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		36	8.9	ng/L		10/02/25 04:02	10/04/25 13:58	10
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		89	22	ng/L		10/02/25 04:02	10/04/25 13:58	10
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		89	22	ng/L		10/02/25 04:02	10/04/25 13:58	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.2*	*3	*5 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C5 PFPeA	*94.1*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C5 PFHxA	*84.7*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C4 PFHpA	*100*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C8 PFOA	*77.9*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C9 PFNA	*86.1*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C6 PFDA	*91.1*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C7 PFUnA	*80.5*	*3	*30 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C2 PFDoA	*63.1*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C2 PFTeDA	*35.4*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C3 PFBS	*86.1*	*3	*40 - 135*	*10/02/25 04:02*	*10/04/25 13:58*	*10*
13C3 PFHxS	*87.6*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 13:58*	*10*

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-1
Date Collected: 09/26/25 12:27
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-1
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	92.1	*3	40 - 130	10/02/25 04:02	10/04/25 13:58	10
13C8 FOSA	89.9	*3	40 - 130	10/02/25 04:02	10/04/25 13:58	10
d3-NMeFOSAA	94.8	*3	40 - 170	10/02/25 04:02	10/04/25 13:58	10
d5-NEtFOSAA	84.2	*3	25 - 135	10/02/25 04:02	10/04/25 13:58	10
13C2 4:2 FTS	101	*3	40 - 200	10/02/25 04:02	10/04/25 13:58	10
13C2 6:2 FTS	99.1	*3	40 - 200	10/02/25 04:02	10/04/25 13:58	10
13C2 8:2 FTS	95.5	*3	40 - 300	10/02/25 04:02	10/04/25 13:58	10
13C3 HFPO-DA	92.3	*3	40 - 130	10/02/25 04:02	10/04/25 13:58	10
d7-N-MeFOSE-M	52.4	*3	10 - 130	10/02/25 04:02	10/04/25 13:58	10
d9-N-EtFOSE-M	45.5	*3	10 - 130	10/02/25 04:02	10/04/25 13:58	10
d5-NEtPFOSA	46.6	*3	10 - 130	10/02/25 04:02	10/04/25 13:58	10
d3-NMePFOSA	62.0	*3	10 - 130	10/02/25 04:02	10/04/25 13:58	10

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	800		18	4.5	ng/L		10/02/25 04:02	10/05/25 18:49	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	91.1	*3	40 - 130	10/02/25 04:02	10/05/25 18:49	10

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-2
Date Collected: 09/25/25 14:15
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 22:18	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 22:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 22:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 22:18	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 22:18	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 22:18	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 22:18	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 22:18	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 22:18	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 22:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 22:18	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 22:18	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 22:18	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 22:18	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:18	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 22:18	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 22:18	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 22:18	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:18	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 22:18	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 22:18	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 22:18	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 22:18	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 22:18	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 22:18	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 22:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 22:18	1
Acetone	ND		10	7.4	ug/L			10/02/25 22:18	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 22:18	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 22:18	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 22:18	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 22:18	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 22:18	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 22:18	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 22:18	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 22:18	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 22:18	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 22:18	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:18	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 22:18	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 22:18	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 22:18	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 22:18	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 22:18	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 22:18	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 22:18	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 22:18	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 22:18	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 22:18	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-2
Date Collected: 09/25/25 14:15
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 22:18	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 22:18	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 22:18	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 22:18	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 22:18	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 22:18	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 22:18	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 22:18	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 22:18	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 22:18	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 22:18	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 22:18	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 22:18	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 22:18	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 22:18	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 22:18	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 22:18	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*		*10/02/25 22:18*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/02/25 22:18*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*10/02/25 22:18*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/25 22:18*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**140**		4.1	1.0	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoropentanoic acid (PFPeA)	**210**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoroheptanoic acid (PFHpA)	**63**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorooctanoic acid (PFOA)	**310**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorononanoic acid (PFNA)	**6.3**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorodecanoic acid (PFDA)	**0.98**	**J**	2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.56	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.59	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.82	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorobutanesulfonic acid (PFBS)	**150**		2.0	0.55	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoropentanesulfonic acid (PFPeS)	**82**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorohexanesulfonic acid (PFHxS)	**320**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoroheptanesulfonic acid (PFHpS)	**7.4**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorooctanesulfonic acid (PFOS)	**340**		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorononanesulfonic acid (PFNS)	**0.63**	**J**	2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.54	ng/L		10/02/25 04:02	10/04/25 14:14	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-2
Date Collected: 09/25/25 14:15
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-2
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.1	1.0	ng/L		10/02/25 04:02	10/04/25 14:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**130**		4.1	1.0	ng/L		10/02/25 04:02	10/04/25 14:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**15**		4.1	1.0	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluorooctanesulfonamide (PFOSA)	**1.3**	**J**	2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 14:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 14:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.5	0.40	ng/L		10/02/25 04:02	10/04/25 14:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	2.0	0.73	ng/L		10/02/25 04:02	10/04/25 14:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.59	ng/L		10/02/25 04:02	10/04/25 14:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.51	ng/L		10/02/25 04:02	10/04/25 14:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.1	1.0	ng/L		10/02/25 04:02	10/04/25 14:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 14:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 14:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.7*		*5 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C5 PFPeA	*78.9*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C5 PFHxA	*96.7*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C4 PFHpA	*98.7*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C8 PFOA	*87.0*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C9 PFNA	*80.8*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C6 PFDA	*83.6*		*40 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C7 PFUnA	*66.5*		*30 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C2 PFDoA	*39.2*		*10 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C2 PFTeDA	*13.1*		*10 - 130*	*10/02/25 04:02*	*10/04/25 14:14*	*1*
13C3 PFBS	*83.0*		*40 - 135*	*10/02/25 04:02*	*10/04/25 14:14*	*1*

Client Sample ID: GW-2 **Lab Sample ID: 570-248388-2**
Date Collected: 09/25/25 14:15 **Matrix: Water**
Date Received: 09/26/25 14:34

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	87.2		40 - 130	10/02/25 04:02	10/04/25 14:14	1
13C8 PFOS	78.7		40 - 130	10/02/25 04:02	10/04/25 14:14	1
13C8 FOSA	73.5		40 - 130	10/02/25 04:02	10/04/25 14:14	1
d3-NMeFOSAA	61.0		40 - 170	10/02/25 04:02	10/04/25 14:14	1
d5-NEtFOSAA	51.0		25 - 135	10/02/25 04:02	10/04/25 14:14	1
13C2 4:2 FTS	74.4		40 - 200	10/02/25 04:02	10/04/25 14:14	1
13C2 6:2 FTS	66.6		40 - 200	10/02/25 04:02	10/04/25 14:14	1
13C2 8:2 FTS	81.3		40 - 300	10/02/25 04:02	10/04/25 14:14	1
13C3 HFPO-DA	101		40 - 130	10/02/25 04:02	10/04/25 14:14	1
d7-N-MeFOSE-M	32.1		10 - 130	10/02/25 04:02	10/04/25 14:14	1
d9-N-EtFOSE-M	27.0		10 - 130	10/02/25 04:02	10/04/25 14:14	1
d5-NEtPFOSA	27.1		10 - 130	10/02/25 04:02	10/04/25 14:14	1
d3-NMePFOSA	37.4		10 - 130	10/02/25 04:02	10/04/25 14:14	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	180		2.0	0.51	ng/L		10/02/25 04:02	10/05/25 19:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	91.0		40 - 130	10/02/25 04:02	10/05/25 19:05	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-3
Date Collected: 09/25/25 11:05
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 22:40	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 22:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 22:40	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 22:40	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 22:40	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 22:40	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 22:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 22:40	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 22:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 22:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 22:40	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 22:40	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 22:40	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:40	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 22:40	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 22:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 22:40	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:40	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 22:40	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 22:40	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 22:40	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 22:40	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 22:40	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 22:40	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 22:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 22:40	1
Acetone	ND		10	7.4	ug/L			10/02/25 22:40	1
Benzene	**0.25**	**J**	0.50	0.24	ug/L			10/02/25 22:40	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 22:40	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 22:40	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 22:40	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 22:40	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 22:40	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 22:40	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 22:40	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 22:40	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 22:40	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 22:40	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 22:40	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 22:40	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 22:40	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 22:40	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 22:40	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 22:40	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 22:40	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 22:40	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 22:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 22:40	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-3
Date Collected: 09/25/25 11:05
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 22:40	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 22:40	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 22:40	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 22:40	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 22:40	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 22:40	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 22:40	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 22:40	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 22:40	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 22:40	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 22:40	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 22:40	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 22:40	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 22:40	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 22:40	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 22:40	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 22:40	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*10/02/25 22:40*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/02/25 22:40*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*10/02/25 22:40*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/02/25 22:40*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2100**		36	9.0	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoropentanoic acid (PFPeA)	**4100**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoroheptanoic acid (PFHpA)	**1100**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorooctanoic acid (PFOA)	**3000**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorononanoic acid (PFNA)	**95**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorodecanoic acid (PFDA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoroundecanoic acid (PFUnA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorododecanoic acid (PFDoA)	ND		18	5.0	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorotridecanoic acid (PFTrDA)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorotetradecanoic acid (PFTeDA)	ND		18	7.3	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorobutanesulfonic acid (PFBS)	**1700**		18	4.9	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoropentanesulfonic acid (PFPeS)	**1200**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoroheptanesulfonic acid (PFHpS)	**130**		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorononanesulfonic acid (PFNS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorodecanesulfonic acid (PFDS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorododecanesulfonic acid (PFDoS)	ND		18	4.8	ng/L		10/02/25 04:02	10/04/25 14:31	10
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 14:31	10
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1300**		36	9.0	ng/L		10/02/25 04:02	10/04/25 14:31	10

Client Sample ID: GW-3
Date Collected: 09/25/25 11:05
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-3
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluorooctanesulfonamide (PFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 14:31	10
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 14:31	10
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		14	3.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	18	6.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 14:31	10
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 14:31	10
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 14:31	10
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 14:31	10
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 14:31	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79.0*	**3*	*5 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C5 PFPeA	*84.7*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C5 PFHxA	*93.5*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C4 PFHpA	*94.5*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C8 PFOA	*97.7*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C9 PFNA	*82.4*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C6 PFDA	*87.7*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C7 PFUnA	*77.6*	**3*	*30 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C2 PFDoA	*51.4*	**3*	*10 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C2 PFTeDA	*24.7*	**3*	*10 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C3 PFBS	*80.1*	**3*	*40 - 135*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C3 PFHxS	*81.5*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C8 PFOS	*82.4*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
13C8 FOSA	*78.0*	**3*	*40 - 130*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
d3-NMeFOSAA	*77.4*	**3*	*40 - 170*	*10/02/25 04:02*	*10/04/25 14:31*	*10*
d5-NEtFOSAA	*69.6*	**3*	*25 - 135*	*10/02/25 04:02*	*10/04/25 14:31*	*10*

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-3
Date Collected: 09/25/25 11:05
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-3
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 4:2 FTS	118	*3	40 - 200	10/02/25 04:02	10/04/25 14:31	10
13C2 6:2 FTS	89.8	*3	40 - 200	10/02/25 04:02	10/04/25 14:31	10
13C2 8:2 FTS	87.9	*3	40 - 300	10/02/25 04:02	10/04/25 14:31	10
13C3 HFPO-DA	94.3	*3	40 - 130	10/02/25 04:02	10/04/25 14:31	10
d7-N-MeFOSE-M	45.3	*3	10 - 130	10/02/25 04:02	10/04/25 14:31	10
d9-N-EtFOSE-M	39.2	*3	10 - 130	10/02/25 04:02	10/04/25 14:31	10
d5-NEtPFOSA	41.9	*3	10 - 130	10/02/25 04:02	10/04/25 14:31	10
d3-NMePFOSA	55.4	*3	10 - 130	10/02/25 04:02	10/04/25 14:31	10

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	3900		36	9.0	ng/L		10/02/25 04:02	10/07/25 17:47	20
Perfluorohexanesulfonic acid (PFHxS)	6800		36	9.0	ng/L		10/02/25 04:02	10/07/25 17:47	20
Perfluorooctanesulfonic acid (PFOS)	5000		36	9.0	ng/L		10/02/25 04:02	10/07/25 17:47	20

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	89.5	*3	40 - 130	10/02/25 04:02	10/07/25 17:47	20
13C3 PFHxS	78.6	*3	40 - 130	10/02/25 04:02	10/07/25 17:47	20
13C8 PFOS	73.3	*3	40 - 130	10/02/25 04:02	10/07/25 17:47	20

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-4
Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 23:01	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 23:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 23:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 23:01	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 23:01	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 23:01	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:01	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 23:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 23:01	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 23:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 23:01	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 23:01	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 23:01	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 23:01	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:01	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 23:01	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 23:01	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 23:01	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:01	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 23:01	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 23:01	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 23:01	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 23:01	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 23:01	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 23:01	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 23:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 23:01	1
Acetone	**14**		10	7.4	ug/L			10/02/25 23:01	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 23:01	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 23:01	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 23:01	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 23:01	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 23:01	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 23:01	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:01	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 23:01	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 23:01	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 23:01	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:01	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 23:01	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 23:01	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 23:01	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 23:01	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 23:01	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 23:01	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 23:01	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 23:01	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 23:01	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 23:01	1

Client Sample ID: GW-4
Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 23:01	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 23:01	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 23:01	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 23:01	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 23:01	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 23:01	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 23:01	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 23:01	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:01	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 23:01	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 23:01	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 23:01	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 23:01	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:01	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 23:01	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 23:01	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 23:01	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 120*		*10/02/25 23:01*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/02/25 23:01*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*10/02/25 23:01*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*10/02/25 23:01*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**960**		36	9.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoropentanoic acid (PFPeA)	**1800**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoroheptanoic acid (PFHpA)	**390**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorooctanoic acid (PFOA)	**1300**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorononanoic acid (PFNA)	**36**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorodecanoic acid (PFDA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoroundecanoic acid (PFUnA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorododecanoic acid (PFDoA)	ND		18	5.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorotridecanoic acid (PFTrDA)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorotetradecanoic acid (PFTeDA)	ND		18	7.3	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorobutanesulfonic acid (PFBS)	**1000**		18	4.9	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoropentanesulfonic acid (PFPeS)	**690**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorohexanesulfonic acid (PFHxS)	**2500**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoroheptanesulfonic acid (PFHpS)	**59**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorooctanesulfonic acid (PFOS)	**950**		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorononanesulfonic acid (PFNS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorodecanesulfonic acid (PFDS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorododecanesulfonic acid (PFDoS)	ND		18	4.8	ng/L		10/02/25 04:02	10/04/25 15:20	10

Client Sample ID: GW-4
Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**360**		36	9.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluorooctanesulfonamide (PFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 15:20	10
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 15:20	10
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		14	3.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	18	6.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		18	5.2	ng/L		10/02/25 04:02	10/04/25 15:20	10
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		18	4.5	ng/L		10/02/25 04:02	10/04/25 15:20	10
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		36	9.0	ng/L		10/02/25 04:02	10/04/25 15:20	10
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 15:20	10
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		90	23	ng/L		10/02/25 04:02	10/04/25 15:20	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74.6*	*3	*5 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C5 PFPeA	*77.0*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C5 PFHxA	*95.4*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C4 PFHpA	*106*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C8 PFOA	*81.8*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C9 PFNA	*84.7*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C6 PFDA	*82.5*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C7 PFUnA	*72.8*	*3	*30 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C2 PFDoA	*41.7*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C2 PFTeDA	*25.3*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C3 PFBS	*83.2*	*3	*40 - 135*	*10/02/25 04:02*	*10/04/25 15:20*	*10*
13C3 PFHxS	*86.9*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:20*	*10*

Client Sample ID: GW-4
Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	85.6	*3	40 - 130	10/02/25 04:02	10/04/25 15:20	10
13C8 FOSA	77.4	*3	40 - 130	10/02/25 04:02	10/04/25 15:20	10
d3-NMeFOSAA	79.1	*3	40 - 170	10/02/25 04:02	10/04/25 15:20	10
d5-NEtFOSAA	70.1	*3	25 - 135	10/02/25 04:02	10/04/25 15:20	10
13C2 4:2 FTS	136	*3	40 - 200	10/02/25 04:02	10/04/25 15:20	10
13C2 6:2 FTS	94.7	*3	40 - 200	10/02/25 04:02	10/04/25 15:20	10
13C2 8:2 FTS	78.9	*3	40 - 300	10/02/25 04:02	10/04/25 15:20	10
13C3 HFPO-DA	90.1	*3	40 - 130	10/02/25 04:02	10/04/25 15:20	10
d7-N-MeFOSE-M	36.5	*3	10 - 130	10/02/25 04:02	10/04/25 15:20	10
d9-N-EtFOSE-M	30.9	*3	10 - 130	10/02/25 04:02	10/04/25 15:20	10
d5-NEtPFOSA	31.8	*3	10 - 130	10/02/25 04:02	10/04/25 15:20	10
d3-NMePFOSA	43.1	*3	10 - 130	10/02/25 04:02	10/04/25 15:20	10

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	1700		18	4.5	ng/L		10/02/25 04:02	10/05/25 19:38	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	92.3	*3	40 - 130	10/02/25 04:02	10/05/25 19:38	10

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-5
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 23:22	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 23:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 23:22	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 23:22	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 23:22	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:22	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 23:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 23:22	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 23:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 23:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 23:22	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 23:22	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 23:22	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:22	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 23:22	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 23:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 23:22	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:22	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 23:22	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 23:22	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 23:22	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 23:22	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 23:22	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 23:22	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 23:22	1
Acetone	ND		10	7.4	ug/L			10/02/25 23:22	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 23:22	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 23:22	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 23:22	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 23:22	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 23:22	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 23:22	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:22	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 23:22	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 23:22	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 23:22	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:22	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 23:22	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 23:22	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 23:22	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 23:22	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 23:22	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 23:22	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 23:22	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 23:22	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 23:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 23:22	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-5
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 23:22	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 23:22	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 23:22	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 23:22	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 23:22	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 23:22	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 23:22	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 23:22	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:22	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 23:22	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 23:22	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 23:22	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 23:22	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:22	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 23:22	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 23:22	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 23:22	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*10/02/25 23:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/02/25 23:22*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*10/02/25 23:22*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*10/02/25 23:22*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**79**		3.7	0.92	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoropentanoic acid (PFPeA)	**130**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoroheptanoic acid (PFHpA)	**35**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorooctanoic acid (PFOA)	**220**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorononanoic acid (PFNA)	**9.7**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorodecanoic acid (PFDA)	**0.75**	**J**	1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.51	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8	0.53	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.8	0.75	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorobutanesulfonic acid (PFBS)	**70**		1.8	0.50	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoropentanesulfonic acid (PFPeS)	**42**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorohexanesulfonic acid (PFHxS)	**230**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoroheptanesulfonic acid (PFHpS)	**6.0**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorooctanesulfonic acid (PFOS)	**150**		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorononanesulfonic acid (PFNS)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.49	ng/L		10/02/25 04:02	10/04/25 15:36	1

Client Sample ID: GW-5
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-5
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		3.7	0.92	ng/L		10/02/25 04:02	10/04/25 15:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**480**		3.7	0.92	ng/L		10/02/25 04:02	10/04/25 15:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**1.3**	**J**	3.7	0.92	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluorooctanesulfonamide (PFOSA)	**0.99**	**J**	1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		9.2	2.3	ng/L		10/02/25 04:02	10/04/25 15:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		9.2	2.3	ng/L		10/02/25 04:02	10/04/25 15:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.36	ng/L		10/02/25 04:02	10/04/25 15:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	1.8	0.66	ng/L		10/02/25 04:02	10/04/25 15:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.8	0.53	ng/L		10/02/25 04:02	10/04/25 15:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.8	0.46	ng/L		10/02/25 04:02	10/04/25 15:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		3.7	0.92	ng/L		10/02/25 04:02	10/04/25 15:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		9.2	2.3	ng/L		10/02/25 04:02	10/04/25 15:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		9.2	2.3	ng/L		10/02/25 04:02	10/04/25 15:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.2*		*5 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C5 PFPeA	*74.7*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C5 PFHxA	*106*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C8 PFOA	*97.8*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C9 PFNA	*91.0*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C6 PFDA	*85.5*		*40 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C7 PFUnA	*80.0*		*30 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C2 PFDoA	*54.5*		*10 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C2 PFTeDA	*22.8*		*10 - 130*	*10/02/25 04:02*	*10/04/25 15:36*	*1*
13C3 PFBS	*92.8*		*40 - 135*	*10/02/25 04:02*	*10/04/25 15:36*	*1*

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-5
Date Collected: 09/26/25 11:45
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-5
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	86.2		40 - 130	10/02/25 04:02	10/04/25 15:36	1
13C8 PFOS	90.3		40 - 130	10/02/25 04:02	10/04/25 15:36	1
13C8 FOSA	83.8		40 - 130	10/02/25 04:02	10/04/25 15:36	1
d3-NMeFOSAA	82.8		40 - 170	10/02/25 04:02	10/04/25 15:36	1
d5-NEtFOSAA	73.5		25 - 135	10/02/25 04:02	10/04/25 15:36	1
13C2 4:2 FTS	160		40 - 200	10/02/25 04:02	10/04/25 15:36	1
13C2 6:2 FTS	84.8		40 - 200	10/02/25 04:02	10/04/25 15:36	1
13C2 8:2 FTS	91.1		40 - 300	10/02/25 04:02	10/04/25 15:36	1
13C3 HFPO-DA	101		40 - 130	10/02/25 04:02	10/04/25 15:36	1
d7-N-MeFOSE-M	45.4		10 - 130	10/02/25 04:02	10/04/25 15:36	1
d9-N-EtFOSE-M	39.1		10 - 130	10/02/25 04:02	10/04/25 15:36	1
d5-NEtPFOSA	38.7		10 - 130	10/02/25 04:02	10/04/25 15:36	1
d3-NMePFOSA	53.6		10 - 130	10/02/25 04:02	10/04/25 15:36	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	94		1.8	0.46	ng/L		10/02/25 04:02	10/05/25 20:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	99.6		40 - 130	10/02/25 04:02	10/05/25 20:27	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: DUPE
Date Collected: 09/26/25 00:00
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 23:43	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 23:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 23:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 23:43	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 23:43	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 23:43	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:43	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 23:43	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 23:43	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 23:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 23:43	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 23:43	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 23:43	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 23:43	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:43	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 23:43	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 23:43	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 23:43	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:43	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 23:43	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 23:43	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 23:43	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 23:43	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 23:43	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 23:43	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 23:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 23:43	1
Acetone	ND		10	7.4	ug/L			10/02/25 23:43	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 23:43	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 23:43	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 23:43	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 23:43	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 23:43	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 23:43	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:43	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 23:43	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 23:43	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 23:43	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 23:43	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 23:43	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 23:43	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 23:43	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 23:43	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 23:43	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 23:43	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 23:43	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 23:43	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 23:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 23:43	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: DUPE
Date Collected: 09/26/25 00:00
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			10/02/25 23:43	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 23:43	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 23:43	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 23:43	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 23:43	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 23:43	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 23:43	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 23:43	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 23:43	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 23:43	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 23:43	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 23:43	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 23:43	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 23:43	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 23:43	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 23:43	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 23:43	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 120*		*10/02/25 23:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/02/25 23:43*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*10/02/25 23:43*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*10/02/25 23:43*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**390**		34	8.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoropentanoic acid (PFPeA)	**970**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoroheptanoic acid (PFHpA)	**220**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorooctanoic acid (PFOA)	**390**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorononanoic acid (PFNA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorodecanoic acid (PFDA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoroundecanoic acid (PFUnA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorododecanoic acid (PFDoA)	ND		17	4.7	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorotridecanoic acid (PFTrDA)	ND		17	5.0	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorotetradecanoic acid (PFTeDA)	ND		17	7.0	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorobutanesulfonic acid (PFBS)	**660**		17	4.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoropentanesulfonic acid (PFPeS)	**470**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorohexanesulfonic acid (PFHxS)	**1600**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoroheptanesulfonic acid (PFHpS)	**27**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorooctanesulfonic acid (PFOS)	**230**		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorononanesulfonic acid (PFNS)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorodecanesulfonic acid (PFDS)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorododecanesulfonic acid (PFDoS)	ND		17	4.6	ng/L		10/02/25 04:02	10/04/25 15:53	10

Client Sample ID: DUPE

Date Collected: 09/26/25 00:00
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-6

Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		34	8.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**56**		34	8.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		34	8.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluorooctanesulfonamide (PFOSA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		86	22	ng/L		10/02/25 04:02	10/04/25 15:53	10
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		86	22	ng/L		10/02/25 04:02	10/04/25 15:53	10
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		13	3.4	ng/L		10/02/25 04:02	10/04/25 15:53	10
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	^+	17	6.2	ng/L		10/02/25 04:02	10/04/25 15:53	10
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		17	5.0	ng/L		10/02/25 04:02	10/04/25 15:53	10
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		17	4.3	ng/L		10/02/25 04:02	10/04/25 15:53	10
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		34	8.6	ng/L		10/02/25 04:02	10/04/25 15:53	10
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		86	22	ng/L		10/02/25 04:02	10/04/25 15:53	10
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		86	22	ng/L		10/02/25 04:02	10/04/25 15:53	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.3*	*3	*5 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C5 PFPeA	*82.8*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C5 PFHxA	*98.9*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C4 PFHpA	*87.6*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C8 PFOA	*88.3*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C9 PFNA	*84.9*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C6 PFDA	*91.0*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C7 PFUnA	*91.9*	*3	*30 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C2 PFDoA	*58.1*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C2 PFTeDA	*38.0*	*3	*10 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C3 PFBS	*87.6*	*3	*40 - 135*	*10/02/25 04:02*	*10/04/25 15:53*	*10*
13C3 PFHxS	*81.3*	*3	*40 - 130*	*10/02/25 04:02*	*10/04/25 15:53*	*10*

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: DUPE
Date Collected: 09/26/25 00:00
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-6
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	83.9	*3	40 - 130	10/02/25 04:02	10/04/25 15:53	10
13C8 FOSA	78.3	*3	40 - 130	10/02/25 04:02	10/04/25 15:53	10
d3-NMeFOSAA	81.6	*3	40 - 170	10/02/25 04:02	10/04/25 15:53	10
d5-NEtFOSAA	76.8	*3	25 - 135	10/02/25 04:02	10/04/25 15:53	10
13C2 4:2 FTS	98.8	*3	40 - 200	10/02/25 04:02	10/04/25 15:53	10
13C2 6:2 FTS	91.0	*3	40 - 200	10/02/25 04:02	10/04/25 15:53	10
13C2 8:2 FTS	82.8	*3	40 - 300	10/02/25 04:02	10/04/25 15:53	10
13C3 HFPO-DA	89.9	*3	40 - 130	10/02/25 04:02	10/04/25 15:53	10
d7-N-MeFOSE-M	47.9	*3	10 - 130	10/02/25 04:02	10/04/25 15:53	10
d9-N-EtFOSE-M	40.0	*3	10 - 130	10/02/25 04:02	10/04/25 15:53	10
d5-NEtPFOSA	42.6	*3	10 - 130	10/02/25 04:02	10/04/25 15:53	10
d3-NMePFOSA	61.6	*3	10 - 130	10/02/25 04:02	10/04/25 15:53	10

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	720		17	4.3	ng/L		10/02/25 04:02	10/05/25 20:43	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	90.8	*3	40 - 130	10/02/25 04:02	10/05/25 20:43	10

Surrogate Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
570-248388-1	GW-1	91	100	96	106
570-248388-2	GW-2	91	102	97	104
570-248388-3	GW-3	92	100	94	103
570-248388-4	GW-4	94	103	96	106
570-248388-5	GW-5	92	99	97	107
570-248388-6	DUPE	94	100	96	106
LCS 570-634680/1003	Lab Control Sample	95	100	92	100
LCSD 570-634680/4	Lab Control Sample Dup	92	99	91	101
MB 570-634680/7	Method Blank	90	103	96	107

Surrogate Legend

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

Isotope Dilution Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
570-248388-1	GW-1	90.2 *3	94.1 *3	84.7 *3	100 *3	77.9 *3	86.1 *3	91.1 *3	80.5 *3
570-248388-1 - RA	GW-1			91.1 *3					
570-248388-2	GW-2	81.7	78.9	96.7	98.7	87.0	80.8	83.6	66.5
570-248388-2 - RA	GW-2			91.0					
570-248388-3	GW-3	79.0 *3	84.7 *3	93.5 *3	94.5 *3	97.7 *3	82.4 *3	87.7 *3	77.6 *3
570-248388-3 - DL	GW-3			89.5 *3					
570-248388-4	GW-4	74.6 *3	77.0 *3	95.4 *3	106 *3	81.8 *3	84.7 *3	82.5 *3	72.8 *3
570-248388-4 - RA	GW-4			92.3 *3					
570-248388-5	GW-5	91.2	74.7	106	103	97.8	91.0	85.5	80.0
570-248388-5 - RA	GW-5			99.6					
570-248388-6	DUPE	85.3 *3	82.8 *3	98.9 *3	87.6 *3	88.3 *3	84.9 *3	91.0 *3	91.9 *3
570-248388-6 - RA	DUPE			90.8 *3					
LCS 320-878742/3-A	Lab Control Sample	93.5	92.0	111	99.3	93.6	90.0	89.0	95.6
LCSD 320-878742/4-A	Lab Control Sample Dup	87.1	108	111	118	92.3	86.3	93.6	85.9
LLCS 320-878742/2-A	Lab Control Sample	87.0	108	97.3	109	87.9	87.6	97.7	93.4
MB 320-878742/1-A	Method Blank	94.2	80.5	109	104	87.4	76.6	89.5	85.5

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (10-130)	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)
570-248388-1	GW-1	63.1 *3	35.4 *3	86.1 *3	87.6 *3	92.1 *3	89.9 *3	94.8 *3	84.2 *3
570-248388-1 - RA	GW-1								
570-248388-2	GW-2	39.2	13.1	83.0	87.2	78.7	73.5	61.0	51.0
570-248388-2 - RA	GW-2								
570-248388-3	GW-3	51.4 *3	24.7 *3	80.1 *3	81.5 *3	82.4 *3	78.0 *3	77.4 *3	69.6 *3
570-248388-3 - DL	GW-3				78.6 *3	73.3 *3			
570-248388-4	GW-4	41.7 *3	25.3 *3	83.2 *3	86.9 *3	85.6 *3	77.4 *3	79.1 *3	70.1 *3
570-248388-4 - RA	GW-4								
570-248388-5	GW-5	54.5	22.8	92.8	86.2	90.3	83.8	82.8	73.5
570-248388-5 - RA	GW-5								
570-248388-6	DUPE	58.1 *3	38.0 *3	87.6 *3	81.3 *3	83.9 *3	78.3 *3	81.6 *3	76.8 *3
570-248388-6 - RA	DUPE								
LCS 320-878742/3-A	Lab Control Sample	80.7	86.6	94.9	87.5	93.5	82.1	96.0	93.0
LCSD 320-878742/4-A	Lab Control Sample Dup	74.6	76.9	91.7	88.5	90.8	81.4	94.0	84.3
LLCS 320-878742/2-A	Lab Control Sample	79.0	95.4	94.8	90.5	90.4	83.2	98.8	92.3
MB 320-878742/1-A	Method Blank	69.5	80.0	88.8	88.8	85.5	75.9	89.8	84.1

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M242FTS (40-200)	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)
570-248388-1	GW-1	101 *3	99.1 *3	95.5 *3	92.3 *3	52.4 *3	45.5 *3	46.6 *3	62.0 *3
570-248388-1 - RA	GW-1								
570-248388-2	GW-2	74.4	66.6	81.3	101	32.1	27.0	27.1	37.4
570-248388-2 - RA	GW-2								
570-248388-3	GW-3	118 *3	89.8 *3	87.9 *3	94.3 *3	45.3 *3	39.2 *3	41.9 *3	55.4 *3
570-248388-3 - DL	GW-3								
570-248388-4	GW-4	136 *3	94.7 *3	78.9 *3	90.1 *3	36.5 *3	30.9 *3	31.8 *3	43.1 *3
570-248388-4 - RA	GW-4								
570-248388-5	GW-5	160	84.8	91.1	101	45.4	39.1	38.7	53.6
570-248388-5 - RA	GW-5								
570-248388-6	DUPE	98.8 *3	91.0 *3	82.8 *3	89.9 *3	47.9 *3	40.0 *3	42.6 *3	61.6 *3

Isotope Dilution Summary

Client: Padre Associates, Inc. Job ID: 570-248388-1
Project/Site: Tustin USD-Proposed District Offices SDG: Legacy Road, Tustin CA

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M242FTS (40-200)	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)
570-248388-6 - RA	DUPE								
LCS 320-878742/3-A	Lab Control Sample	105	92.2	110	90.1	79.3	77.4	66.2	72.3
LCSD 320-878742/4-A	Lab Control Sample Dup	119	105	99.1	101	72.4	72.2	62.2	66.4
LLCS 320-878742/2-A	Lab Control Sample	114	93.7	97.6	90.4	79.4	80.2	67.4	73.7
MB 320-878742/1-A	Method Blank	98.4	91.5	96.8	98.2	66.1	71.3	55.7	61.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA

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

Lab Sample ID: MB 570-634680/7
Matrix: Water
Analysis Batch: 634680

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			10/02/25 18:10	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			10/02/25 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			10/02/25 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/L			10/02/25 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/02/25 18:10	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			10/02/25 18:10	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 18:10	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			10/02/25 18:10	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			10/02/25 18:10	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			10/02/25 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			10/02/25 18:10	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			10/02/25 18:10	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			10/02/25 18:10	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			10/02/25 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 18:10	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			10/02/25 18:10	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			10/02/25 18:10	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			10/02/25 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/02/25 18:10	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			10/02/25 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			10/02/25 18:10	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			10/02/25 18:10	1
2-Butanone (MEK)	ND		10	4.5	ug/L			10/02/25 18:10	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			10/02/25 18:10	1
2-Hexanone	ND		10	2.7	ug/L			10/02/25 18:10	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			10/02/25 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			10/02/25 18:10	1
Acetone	ND		10	7.4	ug/L			10/02/25 18:10	1
Benzene	ND		0.50	0.24	ug/L			10/02/25 18:10	1
Bromobenzene	ND		1.0	0.29	ug/L			10/02/25 18:10	1
Bromochloromethane	ND		2.0	0.38	ug/L			10/02/25 18:10	1
Bromodichloromethane	ND		1.0	0.29	ug/L			10/02/25 18:10	1
Bromoform	ND		5.0	1.9	ug/L			10/02/25 18:10	1
Bromomethane	ND		10	7.4	ug/L			10/02/25 18:10	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			10/02/25 18:10	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			10/02/25 18:10	1
Carbon disulfide	ND		10	0.42	ug/L			10/02/25 18:10	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			10/02/25 18:10	1
Chlorobenzene	ND		1.0	0.26	ug/L			10/02/25 18:10	1
Chloroethane	ND		5.0	1.9	ug/L			10/02/25 18:10	1
Chloroform	ND		1.0	0.32	ug/L			10/02/25 18:10	1
Chloromethane	ND		10	2.2	ug/L			10/02/25 18:10	1
Dibromochloromethane	ND		2.0	0.37	ug/L			10/02/25 18:10	1
Dibromomethane	ND		1.0	0.33	ug/L			10/02/25 18:10	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			10/02/25 18:10	1
Ethylbenzene	ND		1.0	0.30	ug/L			10/02/25 18:10	1
Isopropylbenzene	ND		1.0	0.41	ug/L			10/02/25 18:10	1
Methylene Chloride	ND		10	3.0	ug/L			10/02/25 18:10	1

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

Lab Sample ID: MB 570-634680/7
Matrix: Water
Analysis Batch: 634680

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 18:10	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			10/02/25 18:10	1
Naphthalene	ND		10	4.9	ug/L			10/02/25 18:10	1
n-Butylbenzene	ND		1.0	0.53	ug/L			10/02/25 18:10	1
N-Propylbenzene	ND		1.0	0.47	ug/L			10/02/25 18:10	1
o-Xylene	ND		1.0	0.27	ug/L			10/02/25 18:10	1
m,p-Xylene	ND		2.0	0.49	ug/L			10/02/25 18:10	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			10/02/25 18:10	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			10/02/25 18:10	1
Styrene	ND		1.0	0.38	ug/L			10/02/25 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			10/02/25 18:10	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			10/02/25 18:10	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			10/02/25 18:10	1
Tetrachloroethene	ND		1.0	0.40	ug/L			10/02/25 18:10	1
Toluene	ND		1.0	0.30	ug/L			10/02/25 18:10	1
Trichloroethene	ND		1.0	0.39	ug/L			10/02/25 18:10	1
Trichlorofluoromethane	ND		10	0.75	ug/L			10/02/25 18:10	1
Vinyl acetate	ND		10	5.0	ug/L			10/02/25 18:10	1
Vinyl chloride	ND		0.50	0.43	ug/L			10/02/25 18:10	1
Xylenes, Total	ND		2.0	0.49	ug/L			10/02/25 18:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*		*10/02/25 18:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/02/25 18:10*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*10/02/25 18:10*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*10/02/25 18:10*	*1*

Lab Sample ID: LCS 570-634680/1003
Matrix: Water
Analysis Batch: 634680

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.04		ug/L		100	83 - 120
1,1,1-Trichloroethane	20.0	16.99		ug/L		85	78 - 123
1,1,2,2-Tetrachloroethane	20.0	17.64		ug/L		88	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.98		ug/L		85	72 - 130
1,1,2-Trichloroethane	20.0	19.38		ug/L		97	82 - 120
1,1-Dichloroethane	20.0	20.65		ug/L		103	79 - 122
1,1-Dichloroethene	20.0	20.96		ug/L		105	74 - 127
1,1-Dichloropropene	20.0	18.67		ug/L		93	75 - 124
1,2,3-Trichlorobenzene	20.0	18.55		ug/L		93	71 - 126
1,2,3-Trichloropropane	20.0	17.80		ug/L		89	73 - 121
1,2,4-Trichlorobenzene	20.0	18.57		ug/L		93	70 - 130
1,2,4-Trimethylbenzene	20.0	17.47		ug/L		87	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	16.16		ug/L		81	64 - 127
1,2-Dibromoethane	20.0	19.49		ug/L		97	81 - 120
1,2-Dichlorobenzene	20.0	19.48		ug/L		97	78 - 122
1,2-Dichloroethane	20.0	18.92		ug/L		95	76 - 123

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

Lab Sample ID: LCS 570-634680/1003
Matrix: Water
Analysis Batch: 634680

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	20.0	19.42		ug/L		97	82 - 120
1,3,5-Trimethylbenzene	20.0	18.66		ug/L		93	79 - 124
1,3-Dichlorobenzene	20.0	19.40		ug/L		97	81 - 120
1,3-Dichloropropane	20.0	19.71		ug/L		99	82 - 120
1,4-Dichlorobenzene	20.0	19.46		ug/L		97	78 - 121
2,2-Dichloropropane	20.0	17.80		ug/L		89	69 - 133
2-Butanone (MEK)	20.0	19.07		ug/L		95	55 - 142
2-Chlorotoluene	20.0	19.57		ug/L		98	80 - 120
2-Hexanone	20.0	21.01		ug/L		105	54 - 138
4-Chlorotoluene	20.0	19.29		ug/L		96	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	19.04		ug/L		95	57 - 133
Acetone	20.0	19.98		ug/L		100	50 - 157
Benzene	20.0	20.80		ug/L		104	80 - 120
Bromobenzene	20.0	20.84		ug/L		104	80 - 120
Bromochloromethane	20.0	18.27		ug/L		91	83 - 123
Bromodichloromethane	20.0	19.36		ug/L		97	83 - 120
Bromoform	20.0	18.96		ug/L		95	75 - 128
Bromomethane	20.0	20.69		ug/L		103	31 - 120
cis-1,2-Dichloroethene	20.0	19.16		ug/L		96	81 - 120
cis-1,3-Dichloropropene	20.0	21.31		ug/L		107	76 - 125
Carbon disulfide	20.0	19.15		ug/L		96	71 - 128
Carbon tetrachloride	20.0	17.77		ug/L		89	72 - 135
Chlorobenzene	20.0	19.73		ug/L		99	84 - 120
Chloroethane	20.0	21.31		ug/L		107	72 - 129
Chloroform	20.0	18.39		ug/L		92	79 - 120
Chloromethane	20.0	21.70		ug/L		108	36 - 148
Dibromochloromethane	20.0	18.68		ug/L		93	82 - 120
Dibromomethane	20.0	19.07		ug/L		95	85 - 120
Dichlorodifluoromethane	20.0	25.92		ug/L		130	52 - 147
Ethylbenzene	20.0	20.62		ug/L		103	81 - 120
Isopropylbenzene	20.0	19.66		ug/L		98	80 - 122
Methylene Chloride	20.0	18.24		ug/L		91	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	18.29		ug/L		91	70 - 124
Naphthalene	20.0	14.83		ug/L		74	64 - 124
n-Butylbenzene	20.0	17.89		ug/L		89	78 - 127
N-Propylbenzene	20.0	19.81		ug/L		99	80 - 121
o-Xylene	20.0	19.87		ug/L		99	81 - 120
m,p-Xylene	40.0	40.41		ug/L		101	79 - 122
p-Isopropyltoluene	20.0	17.91		ug/L		90	81 - 124
sec-Butylbenzene	20.0	18.05		ug/L		90	80 - 123
Styrene	20.0	19.85		ug/L		99	82 - 120
trans-1,2-Dichloroethene	20.0	18.84		ug/L		94	79 - 122
trans-1,3-Dichloropropene	20.0	21.60		ug/L		108	73 - 127
tert-Butylbenzene	20.0	19.37		ug/L		97	80 - 124
Tetrachloroethene	20.0	21.73		ug/L		109	78 - 126
Toluene	20.0	20.29		ug/L		101	82 - 120
Trichloroethene	20.0	18.66		ug/L		93	83 - 120
Trichlorofluoromethane	20.0	21.21		ug/L		106	74 - 135
Vinyl acetate	20.0	17.45		ug/L		87	56 - 135

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

Lab Sample ID: LCS 570-634680/1003
Matrix: Water
Analysis Batch: 634680

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			20.0	21.15		ug/L		106	68 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-634680/4
Matrix: Water
Analysis Batch: 634680

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			20.0	19.85		ug/L		99	83 - 120	1	20
1,1,1-Trichloroethane			20.0	16.15		ug/L		81	78 - 123	5	20
1,1,2,2-Tetrachloroethane			20.0	17.91		ug/L		90	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	15.64		ug/L		78	72 - 130	8	20
1,1,2-Trichloroethane			20.0	19.31		ug/L		97	82 - 120	0	20
1,1-Dichloroethane			20.0	19.27		ug/L		96	79 - 122	7	20
1,1-Dichloroethene			20.0	19.69		ug/L		98	74 - 127	6	20
1,1-Dichloropropene			20.0	17.59		ug/L		88	75 - 124	6	20
1,2,3-Trichlorobenzene			20.0	18.46		ug/L		92	71 - 126	0	20
1,2,3-Trichloropropane			20.0	18.05		ug/L		90	73 - 121	1	20
1,2,4-Trichlorobenzene			20.0	18.83		ug/L		94	70 - 130	1	20
1,2,4-Trimethylbenzene			20.0	17.50		ug/L		87	80 - 125	0	20
1,2-Dibromo-3-Chloropropane			20.0	16.37		ug/L		82	64 - 127	1	20
1,2-Dibromoethane			20.0	18.89		ug/L		94	81 - 120	3	20
1,2-Dichlorobenzene			20.0	19.16		ug/L		96	78 - 122	2	20
1,2-Dichloroethane			20.0	18.73		ug/L		94	76 - 123	1	20
1,2-Dichloropropane			20.0	19.40		ug/L		97	82 - 120	0	20
1,3,5-Trimethylbenzene			20.0	18.03		ug/L		90	79 - 124	3	20
1,3-Dichlorobenzene			20.0	19.78		ug/L		99	81 - 120	2	20
1,3-Dichloropropane			20.0	19.18		ug/L		96	82 - 120	3	20
1,4-Dichlorobenzene			20.0	19.24		ug/L		96	78 - 121	1	20
2,2-Dichloropropane			20.0	16.63		ug/L		83	69 - 133	7	20
2-Butanone (MEK)			20.0	19.06		ug/L		95	55 - 142	0	21
2-Chlorotoluene			20.0	19.36		ug/L		97	80 - 120	1	20
2-Hexanone			20.0	20.85		ug/L		104	54 - 138	1	21
4-Chlorotoluene			20.0	19.39		ug/L		97	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)			20.0	19.72		ug/L		99	57 - 133	4	20
Acetone			20.0	18.97		ug/L		95	50 - 157	5	26
Benzene			20.0	20.20		ug/L		101	80 - 120	3	20
Bromobenzene			20.0	19.89		ug/L		99	80 - 120	5	20
Bromochloromethane			20.0	17.42		ug/L		87	83 - 123	5	20
Bromodichloromethane			20.0	19.10		ug/L		95	83 - 120	1	20
Bromoform			20.0	19.66		ug/L		98	75 - 128	4	20
Bromomethane			20.0	18.76		ug/L		94	31 - 120	10	22
cis-1,2-Dichloroethene			20.0	17.95		ug/L		90	81 - 120	7	20

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

Lab Sample ID: LCSD 570-634680/4
Matrix: Water
Analysis Batch: 634680

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
cis-1,3-Dichloropropene	20.0	21.65		ug/L		108	76 - 125	2	20
Carbon disulfide	20.0	18.13		ug/L		91	71 - 128	5	20
Carbon tetrachloride	20.0	17.19		ug/L		86	72 - 135	3	20
Chlorobenzene	20.0	19.65		ug/L		98	84 - 120	0	20
Chloroethane	20.0	20.06		ug/L		100	72 - 129	6	20
Chloroform	20.0	17.28		ug/L		86	79 - 120	6	20
Chloromethane	20.0	21.46		ug/L		107	36 - 148	1	20
Dibromochloromethane	20.0	18.81		ug/L		94	82 - 120	1	20
Dibromomethane	20.0	18.19		ug/L		91	85 - 120	5	20
Dichlorodifluoromethane	20.0	23.45		ug/L		117	52 - 147	10	20
Ethylbenzene	20.0	20.00		ug/L		100	81 - 120	3	20
Isopropylbenzene	20.0	19.34		ug/L		97	80 - 122	2	20
Methylene Chloride	20.0	17.68		ug/L		88	76 - 120	3	20
Methyl-t-Butyl Ether (MTBE)	20.0	18.21		ug/L		91	70 - 124	0	20
Naphthalene	20.0	15.25		ug/L		76	64 - 124	3	20
n-Butylbenzene	20.0	17.42		ug/L		87	78 - 127	3	20
N-Propylbenzene	20.0	19.53		ug/L		98	80 - 121	1	20
o-Xylene	20.0	19.48		ug/L		97	81 - 120	2	20
m,p-Xylene	40.0	39.98		ug/L		100	79 - 122	1	20
p-Isopropyltoluene	20.0	17.71		ug/L		89	81 - 124	1	20
sec-Butylbenzene	20.0	18.09		ug/L		90	80 - 123	0	20
Styrene	20.0	19.55		ug/L		98	82 - 120	2	20
trans-1,2-Dichloroethene	20.0	18.00		ug/L		90	79 - 122	5	20
trans-1,3-Dichloropropene	20.0	21.22		ug/L		106	73 - 127	2	20
tert-Butylbenzene	20.0	19.03		ug/L		95	80 - 124	2	20
Tetrachloroethene	20.0	20.58		ug/L		103	78 - 126	5	20
Toluene	20.0	19.88		ug/L		99	82 - 120	2	20
Trichloroethene	20.0	18.18		ug/L		91	83 - 120	3	20
Trichlorofluoromethane	20.0	19.51		ug/L		98	74 - 135	8	20
Vinyl acetate	20.0	17.42		ug/L		87	56 - 135	0	24
Vinyl chloride	20.0	19.96		ug/L		100	68 - 131	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 320-878742/1-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 320-878742/1-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.58	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.81	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.54	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.53	ng/L		10/02/25 04:02	10/04/25 11:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 11:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 11:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.5	0.39	ng/L		10/02/25 04:02	10/04/25 11:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.72	ng/L		10/02/25 04:02	10/04/25 11:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.58	ng/L		10/02/25 04:02	10/04/25 11:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		10/02/25 04:02	10/04/25 11:47	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 320-878742/1-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		10/02/25 04:02	10/04/25 11:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 11:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		10/02/25 04:02	10/04/25 11:47	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.2*		*5 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C5 PFPeA	*80.5*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C5 PFHxA	*109*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C4 PFHpA	*104*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C8 PFOA	*87.4*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C9 PFNA	*76.6*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C6 PFDA	*89.5*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C7 PFUnA	*85.5*		*30 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C2 PFDoA	*69.5*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C2 PFTeDA	*80.0*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C3 PFBS	*88.8*		*40 - 135*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C3 PFHxS	*88.8*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C8 PFOS	*85.5*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C8 FOSA	*75.9*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d3-NMeFOSAA	*89.8*		*40 - 170*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d5-NEtFOSAA	*84.1*		*25 - 135*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C2 4:2 FTS	*98.4*		*40 - 200*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C2 6:2 FTS	*91.5*		*40 - 200*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C2 8:2 FTS	*96.8*		*40 - 300*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
13C3 HFPO-DA	*98.2*		*40 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d7-N-MeFOSE-M	*66.1*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d9-N-EtFOSE-M	*71.3*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d5-NEtPFOSA	*55.7*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*
d3-NMePFOSA	*61.0*		*10 - 130*	*10/02/25 04:02*	*10/04/25 11:47*	*1*

Lab Sample ID: LCS 320-878742/3-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	88.20		ng/L		110	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	37.39		ng/L		93	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	38.13		ng/L		95	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.29		ng/L		91	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	39.29		ng/L		98	70 - 150
Perfluorononanoic acid (PFNA)	40.0	41.18		ng/L		103	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	41.05		ng/L		103	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	37.58		ng/L		94	70 - 145

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 320-878742/3-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	40.0	45.76		ng/L		114	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	43.52		ng/L		109	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.59		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	31.61		ng/L		89	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	39.68		ng/L		106	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	35.42		ng/L		97	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	39.25		ng/L		103	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	38.11		ng/L		102	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	35.78		ng/L		93	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	34.46		ng/L		89	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	32.36		ng/L		83	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	71.02		ng/L		95	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	79.36		ng/L		104	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	58.99		ng/L		77	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	41.00		ng/L		103	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	40.77		ng/L		102	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	44.49		ng/L		111	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.39		ng/L		88	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	39.58		ng/L		99	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	192.0		ng/L		96	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	204.6		ng/L		102	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	28.36		ng/L		95	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	35.66		ng/L		94	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	42.80		ng/L		107	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	43.14		ng/L		108	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	28.30		ng/L		71	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	37.76		ng/L		101	70 - 155

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 320-878742/3-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	38.50		ng/L		102	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	27.22		ng/L		76	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	79.30		ng/L		99	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	153.2		ng/L		77	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	134.5		ng/L		67	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*93.5*		*5 - 130*
13C5 PFPeA	*92.0*		*40 - 130*
13C5 PFHxA	*111*		*40 - 130*
13C4 PFHpA	*99.3*		*40 - 130*
13C8 PFOA	*93.6*		*40 - 130*
13C9 PFNA	*90.0*		*40 - 130*
13C6 PFDA	*89.0*		*40 - 130*
13C7 PFUnA	*95.6*		*30 - 130*
13C2 PFDoA	*80.7*		*10 - 130*
13C2 PFTeDA	*86.6*		*10 - 130*
13C3 PFBS	*94.9*		*40 - 135*
13C3 PFHxS	*87.5*		*40 - 130*
13C8 PFOS	*93.5*		*40 - 130*
13C8 FOSA	*82.1*		*40 - 130*
d3-NMeFOSAA	*96.0*		*40 - 170*
d5-NEtFOSAA	*93.0*		*25 - 135*
13C2 4:2 FTS	*105*		*40 - 200*
13C2 6:2 FTS	*92.2*		*40 - 200*
13C2 8:2 FTS	*110*		*40 - 300*
13C3 HFPO-DA	*90.1*		*40 - 130*
d7-N-MeFOSE-M	*79.3*		*10 - 130*
d9-N-EtFOSE-M	*77.4*		*10 - 130*
d5-NEtPFOSA	*66.2*		*10 - 130*
d3-NMePFOSA	*72.3*		*10 - 130*

Lab Sample ID: LCSD 320-878742/4-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	80.0	98.78		ng/L		123	70 - 140	11	30
Perfluoropentanoic acid (PFPeA)	40.0	45.43		ng/L		114	65 - 135	19	30
Perfluorohexanoic acid (PFHxA)	40.0	37.40		ng/L		93	70 - 145	2	30
Perfluoroheptanoic acid (PFHpA)	40.0	37.60		ng/L		94	70 - 150	4	30
Perfluorooctanoic acid (PFOA)	40.0	39.54		ng/L		99	70 - 150	1	30
Perfluorononanoic acid (PFNA)	40.0	45.69		ng/L		114	70 - 150	10	30
Perfluorodecanoic acid (PFDA)	40.0	38.78		ng/L		97	70 - 140	6	30

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 320-878742/4-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)			40.0	41.70		ng/L		104	70 - 145	10	30
Perfluorododecanoic acid (PFDoA)			40.0	46.77		ng/L		117	70 - 140	2	30
Perfluorotridecanoic acid (PFTrDA)			40.0	44.79		ng/L		112	65 - 140	3	30
Perfluorotetradecanoic acid (PFTeDA)			40.0	42.39		ng/L		106	60 - 140	12	30
Perfluorobutanesulfonic acid (PFBS)			35.5	35.97		ng/L		101	60 - 145	13	30
Perfluoropentanesulfonic acid (PFPeS)			37.6	40.89		ng/L		109	65 - 140	3	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	37.63		ng/L		103	65 - 145	6	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	39.75		ng/L		104	70 - 150	1	30
Perfluorooctanesulfonic acid (PFOS)			37.2	39.77		ng/L		107	55 - 150	4	30
Perfluorononanesulfonic acid (PFNS)			38.5	38.92		ng/L		101	65 - 145	8	30
Perfluorodecanesulfonic acid (PFDS)			38.6	37.94		ng/L		98	60 - 145	10	30
Perfluorododecanesulfonic acid (PFDoS)			38.8	33.45		ng/L		86	50 - 145	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			75.0	68.33		ng/L		91	70 - 145	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			76.2	79.47		ng/L		104	65 - 155	0	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			76.8	73.26		ng/L		95	60 - 150	22	30
Perfluorooctanesulfonamide (PFOSA)			40.0	41.30		ng/L		103	70 - 145	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			40.0	44.74		ng/L		112	60 - 150	9	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			40.0	46.91		ng/L		117	65 - 145	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	38.29		ng/L		96	50 - 140	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	42.60		ng/L		107	70 - 145	7	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			200	208.0		ng/L		104	70 - 145	8	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			200	208.0		ng/L		104	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			30.0	28.27		ng/L		94	70 - 140	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.8	35.42		ng/L		94	65 - 145	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			40.0	40.71		ng/L		102	55 - 140	5	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			40.0	42.05		ng/L		105	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	34.52		ng/L		86	50 - 150	20	30

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 320-878742/4-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	39.92		ng/L		107	70 - 155	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	37.46		ng/L		99	55 - 160	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	33.66		ng/L		94	70 - 140	21	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	72.77		ng/L		91	65 - 130	9	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	182.4		ng/L		91	70 - 135	17	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	153.6		ng/L		77	50 - 145	13	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*87.1*		*5 - 130*
13C5 PFPeA	*108*		*40 - 130*
13C5 PFHxA	*111*		*40 - 130*
13C4 PFHpA	*118*		*40 - 130*
13C8 PFOA	*92.3*		*40 - 130*
13C9 PFNA	*86.3*		*40 - 130*
13C6 PFDA	*93.6*		*40 - 130*
13C7 PFUnA	*85.9*		*30 - 130*
13C2 PFDoA	*74.6*		*10 - 130*
13C2 PFTeDA	*76.9*		*10 - 130*
13C3 PFBS	*91.7*		*40 - 135*
13C3 PFHxS	*88.5*		*40 - 130*
13C8 PFOS	*90.8*		*40 - 130*
13C8 FOSA	*81.4*		*40 - 130*
d3-NMeFOSAA	*94.0*		*40 - 170*
d5-NEtFOSAA	*84.3*		*25 - 135*
13C2 4:2 FTS	*119*		*40 - 200*
13C2 6:2 FTS	*105*		*40 - 200*
13C2 8:2 FTS	*99.1*		*40 - 300*
13C3 HFPO-DA	*101*		*40 - 130*
d7-N-MeFOSE-M	*72.4*		*10 - 130*
d9-N-EtFOSE-M	*72.2*		*10 - 130*
d5-NEtPFOSA	*62.2*		*10 - 130*
d3-NMePFOSA	*66.4*		*10 - 130*

Lab Sample ID: LLCS 320-878742/2-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	10.57		ng/L		132	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	4.766		ng/L		119	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	5.020		ng/L		125	70 - 145
Perfluoroheptanoic acid (PFHpA)			4.00	3.823		ng/L		96	70 - 150
Perfluorooctanoic acid (PFOA)			4.00	4.262		ng/L		107	70 - 150

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 320-878742/2-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	4.473		ng/L		112	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.912		ng/L		98	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	4.253		ng/L		106	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	5.319		ng/L		133	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.787		ng/L		120	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.005		ng/L		100	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.837		ng/L		108	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	4.174		ng/L		111	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.970		ng/L		109	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	4.419		ng/L		116	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	4.565		ng/L		123	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	4.658		ng/L		121	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	4.227		ng/L		110	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	4.313		ng/L		111	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.022		ng/L		94	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	8.424		ng/L		111	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.824		ng/L		89	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.470		ng/L		112	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.168		ng/L		104	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	4.778		ng/L		119	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	4.093		ng/L		102	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.849		ng/L		121	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	21.88		ng/L		109	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	22.45		ng/L		112	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.030		ng/L		101	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.021		ng/L		106	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.508		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.314		ng/L		108	60 - 150

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 320-878742/2-A
Matrix: Water
Analysis Batch: 879210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878742

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.043		ng/L		101	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	4.250		ng/L		114	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	4.484		ng/L		119	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.475		ng/L		97	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.300		ng/L		91	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	19.14		ng/L		96	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	16.24		ng/L		81	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*87.0*		*5 - 130*
13C5 PFPeA	*108*		*40 - 130*
13C5 PFHxA	*97.3*		*40 - 130*
13C4 PFHpA	*109*		*40 - 130*
13C8 PFOA	*87.9*		*40 - 130*
13C9 PFNA	*87.6*		*40 - 130*
13C6 PFDA	*97.7*		*40 - 130*
13C7 PFUnA	*93.4*		*30 - 130*
13C2 PFDoA	*79.0*		*10 - 130*
13C2 PFTeDA	*95.4*		*10 - 130*
13C3 PFBS	*94.8*		*40 - 135*
13C3 PFHxS	*90.5*		*40 - 130*
13C8 PFOS	*90.4*		*40 - 130*
13C8 FOSA	*83.2*		*40 - 130*
d3-NMeFOSAA	*98.8*		*40 - 170*
d5-NEtFOSAA	*92.3*		*25 - 135*
13C2 4:2 FTS	*114*		*40 - 200*
13C2 6:2 FTS	*93.7*		*40 - 200*
13C2 8:2 FTS	*97.6*		*40 - 300*
13C3 HFPO-DA	*90.4*		*40 - 130*
d7-N-MeFOSE-M	*79.4*		*10 - 130*
d9-N-EtFOSE-M	*80.2*		*10 - 130*
d5-NEtPFOSA	*67.4*		*10 - 130*
d3-NMePFOSA	*73.7*		*10 - 130*

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

GC/MS VOA

Analysis Batch: 634680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248388-1	GW-1	Total/NA	Water	8260B	
570-248388-2	GW-2	Total/NA	Water	8260B	
570-248388-3	GW-3	Total/NA	Water	8260B	
570-248388-4	GW-4	Total/NA	Water	8260B	
570-248388-5	GW-5	Total/NA	Water	8260B	
570-248388-6	DUPE	Total/NA	Water	8260B	
MB 570-634680/7	Method Blank	Total/NA	Water	8260B	
LCS 570-634680/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-634680/4	Lab Control Sample Dup	Total/NA	Water	8260B	

LCMS

Prep Batch: 878742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248388-1 - RA	GW-1	Total/NA	Water	1633	
570-248388-1	GW-1	Total/NA	Water	1633	
570-248388-2 - RA	GW-2	Total/NA	Water	1633	
570-248388-2	GW-2	Total/NA	Water	1633	
570-248388-3	GW-3	Total/NA	Water	1633	
570-248388-3 - DL	GW-3	Total/NA	Water	1633	
570-248388-4 - RA	GW-4	Total/NA	Water	1633	
570-248388-4	GW-4	Total/NA	Water	1633	
570-248388-5 - RA	GW-5	Total/NA	Water	1633	
570-248388-5	GW-5	Total/NA	Water	1633	
570-248388-6 - RA	DUPE	Total/NA	Water	1633	
570-248388-6	DUPE	Total/NA	Water	1633	
MB 320-878742/1-A	Method Blank	Total/NA	Water	1633	
LCS 320-878742/3-A	Lab Control Sample	Total/NA	Water	1633	
LCSD 320-878742/4-A	Lab Control Sample Dup	Total/NA	Water	1633	
LLCS 320-878742/2-A	Lab Control Sample	Total/NA	Water	1633	

Analysis Batch: 879210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248388-1	GW-1	Total/NA	Water	1633	878742
570-248388-2	GW-2	Total/NA	Water	1633	878742
570-248388-3	GW-3	Total/NA	Water	1633	878742
570-248388-4	GW-4	Total/NA	Water	1633	878742
570-248388-5	GW-5	Total/NA	Water	1633	878742
570-248388-6	DUPE	Total/NA	Water	1633	878742
MB 320-878742/1-A	Method Blank	Total/NA	Water	1633	878742
LCS 320-878742/3-A	Lab Control Sample	Total/NA	Water	1633	878742
LCSD 320-878742/4-A	Lab Control Sample Dup	Total/NA	Water	1633	878742
LLCS 320-878742/2-A	Lab Control Sample	Total/NA	Water	1633	878742

Analysis Batch: 879257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248388-1 - RA	GW-1	Total/NA	Water	1633	878742
570-248388-2 - RA	GW-2	Total/NA	Water	1633	878742
570-248388-4 - RA	GW-4	Total/NA	Water	1633	878742
570-248388-5 - RA	GW-5	Total/NA	Water	1633	878742
570-248388-6 - RA	DUPE	Total/NA	Water	1633	878742

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

LCMS

Analysis Batch: 879648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-248388-3 - DL	GW-3	Total/NA	Water	1633	878742

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-1
Date Collected: 09/26/25 12:27
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-1
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	634680	10/02/25 21:57	PT	EET CAL 4
	Instrument ID: GCMSPP									
Total/NA	Prep	1633	RA		139.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	RA	10			879257	10/05/25 18:49	S1C	EET SAC
	Instrument ID: A30									
Total/NA	Prep	1633			139.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		10			879210	10/04/25 13:58	N1K	EET SAC
	Instrument ID: A45									

Client Sample ID: GW-2
Date Collected: 09/25/25 14:15
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-2
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	634680	10/02/25 22:18	PT	EET CAL 4
	Instrument ID: GCMSPP									
Total/NA	Prep	1633	RA		122.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	RA	1			879257	10/05/25 19:05	S1C	EET SAC
	Instrument ID: A30									
Total/NA	Prep	1633			122.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		1			879210	10/04/25 14:14	N1K	EET SAC
	Instrument ID: A45									

Client Sample ID: GW-3
Date Collected: 09/25/25 11:05
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-3
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	634680	10/02/25 22:40	PT	EET CAL 4
	Instrument ID: GCMSPP									
Total/NA	Prep	1633			138.3 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		10			879210	10/04/25 14:31	N1K	EET SAC
	Instrument ID: A45									
Total/NA	Prep	1633	DL		138.3 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	DL	20			879648	10/07/25 17:47	C1P	EET SAC
	Instrument ID: A45									

Client Sample ID: GW-4
Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
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	634680	10/02/25 23:01	PT	EET CAL 4
	Instrument ID: GCMSPP									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Client Sample ID: GW-4

Date Collected: 09/25/25 12:50
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633	RA		138.5 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	RA	10			879257	10/05/25 19:38	S1C	EET SAC
	Instrument ID: A30									
Total/NA	Prep	1633			138.5 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		10			879210	10/04/25 15:20	N1K	EET SAC
	Instrument ID: A45									

Client Sample ID: GW-5

Date Collected: 09/26/25 11:45
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-5
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	634680	10/02/25 23:22	PT	EET CAL 4
	Instrument ID: GCMSPP									
Total/NA	Prep	1633	RA		135.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	RA	1			879257	10/05/25 20:27	S1C	EET SAC
	Instrument ID: A30									
Total/NA	Prep	1633			135.9 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		1			879210	10/04/25 15:36	N1K	EET SAC
	Instrument ID: A45									

Client Sample ID: DUPE

Date Collected: 09/26/25 00:00
Date Received: 09/26/25 14:34

Lab Sample ID: 570-248388-6
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	634680	10/02/25 23:43	PT	EET CAL 4
	Instrument ID: GCMSPP									
Total/NA	Prep	1633	RA		145 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633	RA	10			879257	10/05/25 20:43	S1C	EET SAC
	Instrument ID: A30									
Total/NA	Prep	1633			145 mL	5.0 mL	878742	10/02/25 04:02	RMF	EET SAC
Total/NA	Analysis	1633		10			879210	10/04/25 15:53	N1K	EET SAC
	Instrument ID: A45									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone (MEK)
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	Acetone
8260B		Water	Isopropylbenzene
8260B		Water	p-Isopropyltoluene
8260B		Water	Vinyl acetate

Oregon	NELAP	4175	02-02-26

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA00044	06-30-26
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468.03	01-20-27
Arizona	State	AZ0708	08-11-26
Arkansas DEQ	State	88-0691	05-18-26
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-26
Florida	NELAP	E87570	06-30-26
Georgia	State	4040	01-29-26
Illinois	NELAP	200060	03-31-26
Kansas	NELAP	E-10375	10-31-25
Louisiana	NELAP	01944	06-30-26
Louisiana (All)	NELAP	01944	06-30-26
Maine	State	CA00004	04-14-26
Massachusetts	State	M-CA044	06-30-26
Michigan	State	9947	01-29-26
Minnesota	NELAP	2749448	12-31-25
Nevada	State	CA00044	07-31-26
New Jersey	NELAP	CA005	06-30-26
New York	NELAP	11666	04-01-26
Ohio	State	41252	01-29-26
Oregon	NELAP	4040	01-29-26
Texas	NELAP	T104704399-23-17	05-31-26
US Fish & Wildlife	US Federal Programs	A22139	04-30-26

Accreditation/Certification Summary

Client: Padre Associates, Inc. Job ID: 570-248388-1
Project/Site: Tustin USD-Proposed District Offices SDG: Legacy Road, Tustin CA

Laboratory: Eurofins Sacramento (Continued)

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

Authority	Program	Identification Number	Expiration Date
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442023-16	02-28-26
Virginia	NELAP	460278	03-14-26
Washington	State	C581	05-05-26
West Virginia (DW)	State	9930C	02-01-26
West Virginia DEP	State	422	03-28-26
Wisconsin	State	998204680	08-31-26
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET SAC
1633	Solid-Phase Extraction (SPE)	EPA	EET SAC
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-248388-1
SDG: Legacy Road, Tustin CA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-248388-1	GW-1	Water	09/26/25 12:27	09/26/25 14:34	California
570-248388-2	GW-2	Water	09/25/25 14:15	09/26/25 14:34	California
570-248388-3	GW-3	Water	09/25/25 11:05	09/26/25 14:34	California
570-248388-4	GW-4	Water	09/25/25 12:50	09/26/25 14:34	California
570-248388-5	GW-5	Water	09/26/25 11:45	09/26/25 14:34	California
570-248388-6	DUPE	Water	09/26/25 00:00	09/26/25 14:34	California

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Lauren Alamillo/Will Wyatt	Lab PM: Tomova, Rossina D	Carrier Tracking No(s):	COC No: 570-140976-28472.2
Client Contact: Alan Churchill	Phone: (805) 212-2220	E-Mail: Rossina.Tomova@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Padre Associates, Inc.	PWSID:			Job #: 2501-0092
Address: 350 University Ave Suite 250	Due Date Requested: 10 day TAT			
City: Sacramento	TAT Requested (days): Standard			
State, Zip: CA, 95825	Compliance Project: Δ Yes Δ No			
Phone: 916-952-5421	PO #: 2501-0092			
Email: achurchill@PadreInc.com	WO #:			
Project Name: Tustin USD-Proposed District Offices	Eurofins Project #: 57026774			
Site: Legacy Road, Tustin, CA	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
D - HNO3

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Routine Volatiles List (Full Spike)	1633_Final - Standard List (40 Analytes)	Total Number of containers	Special Instructions/Note:
				Preservation Code:				A	N		
1	GW-1	9/26/25	1227	G	Water			X	X		3 VOAs and 2 125mL Plastic per sample
2	GW-2	9/25/25	1415	G	Water			X	X		
3	GW-3	9/25/25	1105	G	Water			X	X		
4	GW-4	9/25/25	1250	G	Water			X	X		
5	GW-5	9/26/25	1145	G	Water			X	X		
6	DUPE	9/26/25		G	Water			X	X		

570-248388 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Lauren Alamillo				9-26-25 14:34	EC
2						
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.1 / 4.1 IR92

UGP

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Tomova, Rossina D	Carrier Tracking No(s): N/A	COC No: 570-472609.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Rossina.Tomova@et.eurofinsus.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): NELAP - Oregon; State - California		Job #: 570-248388-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 10/9/2025			Preservation Codes: -
City: West Sacramento	TAT Requested (days): N/A			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Tustin USD-Proposed District Offices	Project #: 57026774			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633_Final/1633_SPE_125Standard List (40 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GW-1 (570-248388-1)	9/26/25	12:27 Pacific	G	Water			X	2	
GW-2 (570-248388-2)	9/26/25	14:15 Pacific	G	Water			X	2	
GW-3 (570-248388-3)	9/26/25	11:05 Pacific	G	Water			X	2	
GW-4 (570-248388-4)	9/26/25	12:50 Pacific	G	Water			X	2	
GW-5 (570-248388-5)	9/26/25	11:45 Pacific	G	Water			X	2	
DUPE (570-248388-6)	9/26/25	Pacific	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	09/29/2025 1500	EC	[signature]	9/30/25 900	[illegible]
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
[signature]	[signature]	0.8c

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Padre Associates, Inc.

Job Number: 570-248388-1
SDG Number: Legacy Road, Tustin CA

Login Number: 248388
List Number: 1
Creator: Patel, Jayesh

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.	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	

Login Sample Receipt Checklist

Client: Padre Associates, Inc.

Job Number: 570-248388-1
SDG Number: Legacy Road, Tustin CA

Login Number: 248388
List Number: 2
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 09/30/25 12:49 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	Seal
Sample custody seals, if present, are intact.	N/A	
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	0.8c
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?	N/A	Received project as a subcontract.
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Alan Churchill
Padre Associates, Inc.
350 University Ave Suite 250
Sacramento, California 95827

Generated 9/30/2025 11:19:51 AM

JOB DESCRIPTION

Tustin USD-Proposed District Offices
Legacy Road, Tustin CA

JOB NUMBER

570-246746-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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9/30/2025 11:19:51 AM

Authorized for release by
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-246746-1 Eurofins Calscience

Job Narrative
570-246746-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/16/2025 1:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

GC/MS VOA
Method Composite_VOA: The following Volatile samples were composited by the laboratory on 9/17/2025 as requested by the client: SS-1A (570-246746-1), SS-1B (570-246746-2), SS-1C (570-246746-3), SS-1D (570-246746-4), SS-2A (570-246746-5), SS-2B (570-246746-6), SS-2C (570-246746-7), SS-2D (570-246746-8), SS-3A (570-246746-9), SS-3B (570-246746-10), SS-3C (570-246746-11), SS-3D (570-246746-12), SS-4A (570-246746-13), SS-4B (570-246746-14), SS-4C (570-246746-15) and SS-4D (570-246746-16). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

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

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

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

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

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

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

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1A — Lab Sample ID: 570-246746-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-1B — Lab Sample ID: 570-246746-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-1C — Lab Sample ID: 570-246746-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-1D — Lab Sample ID: 570-246746-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-2A — Lab Sample ID: 570-246746-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-2B — Lab Sample ID: 570-246746-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-2C — Lab Sample ID: 570-246746-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-2D — Lab Sample ID: 570-246746-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-3A — Lab Sample ID: 570-246746-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-3B — Lab Sample ID: 570-246746-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SS-3B (Continued) — Lab Sample ID: 570-246746-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-3C — Lab Sample ID: 570-246746-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-3D — Lab Sample ID: 570-246746-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-4A — Lab Sample ID: 570-246746-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-4B — Lab Sample ID: 570-246746-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-4C — Lab Sample ID: 570-246746-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: SS-4D — Lab Sample ID: 570-246746-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Composited	Yes				NONE	1		Composite	Total/NA
Composited	Yes				NONE	1		Composite	Total/NA

Client Sample ID: CS-1 — Lab Sample ID: 570-246746-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	19	9.5	ug/Kg	1		8260B	Total/NA
Antimony	0.299	J	0.421	0.170	mg/Kg	5		6020	Total/NA
Arsenic	5.36		0.421	0.0664	mg/Kg	5		6020	Total/NA
Barium	149		0.421	0.233	mg/Kg	5		6020	Total/NA
Beryllium	0.671		0.421	0.336	mg/Kg	5		6020	Total/NA
Cadmium	0.332	J	0.421	0.0607	mg/Kg	5		6020	Total/NA
Chromium	21.3		0.421	0.321	mg/Kg	5		6020	Total/NA
Cobalt	8.59		0.421	0.0432	mg/Kg	5		6020	Total/NA
Copper	15.1		0.421	0.0781	mg/Kg	5		6020	Total/NA
Lead	9.51		0.421	0.233	mg/Kg	5		6020	Total/NA
Molybdenum	0.936		0.421	0.207	mg/Kg	5		6020	Total/NA
Nickel	15.2		0.421	0.286	mg/Kg	5		6020	Total/NA
Selenium	1.58		0.421	0.321	mg/Kg	5		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-1 (Continued)

Lab Sample ID: 570-246746-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.191	J	0.421	0.134	mg/Kg	5		6020	Total/NA
Vanadium	41.1		0.421	0.158	mg/Kg	5		6020	Total/NA
Zinc	52.7		4.21	2.54	mg/Kg	5		6020	Total/NA

Client Sample ID: CS-2

Lab Sample ID: 570-246746-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	19	9.5	ug/Kg	1		8260B	Total/NA
Antimony	0.283	J	0.515	0.208	mg/Kg	5		6020	Total/NA
Arsenic	5.28		0.515	0.0812	mg/Kg	5		6020	Total/NA
Barium	155		0.515	0.285	mg/Kg	5		6020	Total/NA
Beryllium	0.704		0.515	0.411	mg/Kg	5		6020	Total/NA
Cadmium	0.399	J	0.515	0.0742	mg/Kg	5		6020	Total/NA
Chromium	22.6		0.515	0.393	mg/Kg	5		6020	Total/NA
Cobalt	10.8		0.515	0.0528	mg/Kg	5		6020	Total/NA
Copper	16.1		0.515	0.0955	mg/Kg	5		6020	Total/NA
Lead	9.88		0.515	0.285	mg/Kg	5		6020	Total/NA
Molybdenum	1.03		0.515	0.253	mg/Kg	5		6020	Total/NA
Nickel	16.4		0.515	0.350	mg/Kg	5		6020	Total/NA
Selenium	1.37		0.515	0.392	mg/Kg	5		6020	Total/NA
Thallium	0.186	J	0.515	0.164	mg/Kg	5		6020	Total/NA
Vanadium	41.2		0.515	0.193	mg/Kg	5		6020	Total/NA
Zinc	54.1		5.15	3.11	mg/Kg	5		6020	Total/NA
Mercury	0.0479	J	0.0887	0.0245	mg/Kg	1		7471A	Total/NA

Client Sample ID: CS-3

Lab Sample ID: 570-246746-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	19	9.5	ug/Kg	1		8260B	Total/NA
Antimony	0.323	J	0.450	0.181	mg/Kg	5		6020	Total/NA
Arsenic	5.10		0.450	0.0709	mg/Kg	5		6020	Total/NA
Barium	168		0.450	0.248	mg/Kg	5		6020	Total/NA
Beryllium	0.731		0.450	0.359	mg/Kg	5		6020	Total/NA
Cadmium	0.383	J	0.450	0.0647	mg/Kg	5		6020	Total/NA
Chromium	24.1		0.450	0.343	mg/Kg	5		6020	Total/NA
Cobalt	12.6		0.450	0.0460	mg/Kg	5		6020	Total/NA
Copper	15.9		0.450	0.0833	mg/Kg	5		6020	Total/NA
Lead	9.79		0.450	0.248	mg/Kg	5		6020	Total/NA
Molybdenum	0.918		0.450	0.221	mg/Kg	5		6020	Total/NA
Nickel	17.4		0.450	0.305	mg/Kg	5		6020	Total/NA
Selenium	1.67		0.450	0.342	mg/Kg	5		6020	Total/NA
Thallium	0.193	J	0.450	0.143	mg/Kg	5		6020	Total/NA
Vanadium	42.8		0.450	0.169	mg/Kg	5		6020	Total/NA
Zinc	57.2		4.50	2.71	mg/Kg	5		6020	Total/NA
Mercury	0.0289	J	0.0801	0.0221	mg/Kg	1		7471A	Total/NA

Client Sample ID: CS-4

Lab Sample ID: 570-246746-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17	J	19	9.5	ug/Kg	1		8260B	Total/NA
Antimony	0.298	J	0.513	0.207	mg/Kg	5		6020	Total/NA
Arsenic	5.46		0.513	0.0808	mg/Kg	5		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-4 (Continued)

Lab Sample ID: 570-246746-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	155		0.513	0.283	mg/Kg	5		6020	Total/NA
Beryllium	0.746		0.513	0.409	mg/Kg	5		6020	Total/NA
Cadmium	0.320	J	0.513	0.0738	mg/Kg	5		6020	Total/NA
Chromium	22.5		0.513	0.391	mg/Kg	5		6020	Total/NA
Cobalt	8.10		0.513	0.0525	mg/Kg	5		6020	Total/NA
Copper	15.4		0.513	0.0951	mg/Kg	5		6020	Total/NA
Lead	9.72		0.513	0.283	mg/Kg	5		6020	Total/NA
Molybdenum	0.859		0.513	0.252	mg/Kg	5		6020	Total/NA
Nickel	15.1		0.513	0.348	mg/Kg	5		6020	Total/NA
Selenium	1.59		0.513	0.390	mg/Kg	5		6020	Total/NA
Thallium	0.188	J	0.513	0.163	mg/Kg	5		6020	Total/NA
Vanadium	42.6		0.513	0.192	mg/Kg	5		6020	Total/NA
Zinc	55.2		5.13	3.10	mg/Kg	5		6020	Total/NA
Mercury	0.0300	J	0.0833	0.0230	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1A
Date Collected: 09/16/25 10:30
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-1
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1B
Date Collected: 09/16/25 10:36
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-2
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1C
Date Collected: 09/16/25 10:41
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-3
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1D
Date Collected: 09/16/25 10:46
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-4
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-2A

Date Collected: 09/16/25 10:55
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-5

Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-2B
Date Collected: 09/16/25 10:59
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-6
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-2C
Date Collected: 09/16/25 11:04
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-7
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-2D
Date Collected: 09/16/25 11:09
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-8
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-3A
Date Collected: 09/16/25 11:21
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-9
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-3B
Date Collected: 09/16/25 11:25
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-10
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-3C
Date Collected: 09/16/25 11:29
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-11
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-3D
Date Collected: 09/16/25 11:33
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-12
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-4A
Date Collected: 09/16/25 11:43
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-13
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-4B
Date Collected: 09/16/25 11:48
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-14
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-4C
Date Collected: 09/16/25 11:52
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-15
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-4D
Date Collected: 09/16/25 11:58
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-16
Matrix: Solid

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	Yes				NONE			09/17/25 15:00	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-1
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-17
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1,2-Trichloroethane	ND		0.96	0.45	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1-Dichloroethene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2,3-Trichlorobenzene	ND		1.9	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2,3-Trichloropropane	ND		1.9	0.40	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2,4-Trimethylbenzene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2-Dibromo-3-Chloropropane	ND		9.6	3.2	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2-Dibromoethane	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,2-Dichloropropane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,3,5-Trimethylbenzene	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,3-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,3-Dichloropropane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
1,4-Dichlorobenzene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
2,2-Dichloropropane	ND		4.8	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
2-Butanone (MEK)	ND		19	4.3	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
2-Chlorotoluene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
2-Hexanone	ND		19	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
4-Chlorotoluene	ND		0.96	0.23	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		19	2.8	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Acetone	**15**	**J**	19	9.5	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Benzene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Bromobenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Bromochloromethane	ND		1.9	0.43	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Bromodichloromethane	ND		0.96	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Bromoform	ND		4.8	1.3	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Bromomethane	ND		19	6.3	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
cis-1,2-Dichloroethene	ND		0.96	0.32	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
cis-1,3-Dichloropropene	ND		0.96	0.34	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Carbon disulfide	ND		9.6	0.38	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Carbon tetrachloride	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Chlorobenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Chloroethane	ND		1.9	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Chloroform	ND		0.96	0.57	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Chloromethane	ND		19	1.5	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Dibromomethane	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Dichlorodifluoromethane	ND		1.9	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Ethylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Methylene Chloride	ND		9.6	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		09/20/25 08:30	09/20/25 14:09	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-1
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-17
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
n-Butylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
N-Propylbenzene	ND		1.9	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
o-Xylene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
m,p-Xylene	ND		1.9	0.46	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
p-Isopropyltoluene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
sec-Butylbenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Styrene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
trans-1,2-Dichloroethene	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
trans-1,3-Dichloropropene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
tert-Butylbenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Tetrachloroethene	ND		0.96	0.21	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Toluene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Trichloroethene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Trichlorofluoromethane	ND		9.6	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Vinyl acetate	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Vinyl chloride	ND		0.96	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:09	1
Xylenes, Total	ND		1.9	0.58	ug/Kg		09/20/25 08:30	09/20/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*09/20/25 08:30*	*09/20/25 14:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:09*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*09/20/25 08:30*	*09/20/25 14:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:09*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg		09/21/25 15:17	09/21/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*	*09/21/25 15:17*	*09/21/25 19:43*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		4.9	4.5	mg/Kg		09/25/25 10:00	09/25/25 18:36	1
TPH as Motor Oil (C17-C44)	ND		25	10	mg/Kg		09/25/25 10:00	09/25/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*71*		*29 - 160*	*09/25/25 10:00*	*09/25/25 18:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.71	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
4,4'-DDE	ND		5.0	0.68	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Aldrin	ND		5.0	1.6	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
alpha-BHC	ND		5.0	0.59	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
beta-BHC	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Chlordane	ND		25	4.1	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
delta-BHC	ND		5.0	0.93	ug/Kg		09/19/25 11:50	09/26/25 15:50	1

Client Sample ID: CS-1

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-17

Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endosulfan I	ND		5.0	1.1	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endosulfan II	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endrin	ND		5.0	0.67	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Endrin ketone	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Heptachlor	ND		5.0	0.60	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Methoxychlor	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 15:50	1
Toxaphene	ND		25	15	ug/Kg		09/19/25 11:50	09/26/25 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*84*		*38 - 148*	*09/19/25 11:50*	*09/26/25 15:50*	*1*
DCB Decachlorobiphenyl (Surr)	*122*		*37 - 151*	*09/19/25 11:50*	*09/26/25 15:50*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1221	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1232	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1242	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1248	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1254	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 13:58	1
Aroclor-1260	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*89*		*25 - 120*	*09/19/25 11:50*	*09/26/25 13:58*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*20 - 120*	*09/19/25 11:50*	*09/26/25 13:58*	*1*

Method: SW846 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.299**	**J**	0.421	0.170	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Arsenic	**5.36**		0.421	0.0664	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Barium	**149**		0.421	0.233	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Beryllium	**0.671**		0.421	0.336	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Cadmium	**0.332**	**J**	0.421	0.0607	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Chromium	**21.3**		0.421	0.321	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Cobalt	**8.59**		0.421	0.0432	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Copper	**15.1**		0.421	0.0781	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Lead	**9.51**		0.421	0.233	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Molybdenum	**0.936**		0.421	0.207	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Nickel	**15.2**		0.421	0.286	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Selenium	**1.58**		0.421	0.321	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Silver	ND		0.843	0.432	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Thallium	**0.191**	**J**	0.421	0.134	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Vanadium	**41.1**		0.421	0.158	mg/Kg		09/18/25 10:11	09/18/25 18:22	5
Zinc	**52.7**		4.21	2.54	mg/Kg		09/18/25 10:11	09/18/25 18:22	5

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-1
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-17
Matrix: Solid

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817	0.0225	mg/Kg		09/25/25 09:57	09/25/25 12:25	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-2
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1,2-Trichloroethane	ND		0.96	0.45	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1-Dichloroethene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2,3-Trichlorobenzene	ND		1.9	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2,3-Trichloropropane	ND		1.9	0.40	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2,4-Trimethylbenzene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2-Dibromo-3-Chloropropane	ND		9.6	3.2	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2-Dibromoethane	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,2-Dichloropropane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,3,5-Trimethylbenzene	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,3-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,3-Dichloropropane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
1,4-Dichlorobenzene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
2,2-Dichloropropane	ND		4.8	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
2-Butanone (MEK)	ND		19	4.3	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
2-Chlorotoluene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
2-Hexanone	ND		19	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
4-Chlorotoluene	ND		0.96	0.23	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		19	2.8	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Acetone	**10**	**J**	19	9.5	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Benzene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Bromobenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Bromochloromethane	ND		1.9	0.43	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Bromodichloromethane	ND		0.96	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Bromoform	ND		4.8	1.3	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Bromomethane	ND		19	6.3	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
cis-1,2-Dichloroethene	ND		0.96	0.32	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
cis-1,3-Dichloropropene	ND		0.96	0.34	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Carbon disulfide	ND		9.6	0.38	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Carbon tetrachloride	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Chlorobenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Chloroethane	ND		1.9	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Chloroform	ND		0.96	0.57	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Chloromethane	ND		19	1.5	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Dibromomethane	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Dichlorodifluoromethane	ND		1.9	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Ethylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Methylene Chloride	ND		9.6	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		09/20/25 08:30	09/20/25 14:30	1

Client Sample ID: CS-2
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
n-Butylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
N-Propylbenzene	ND		1.9	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
o-Xylene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
m,p-Xylene	ND		1.9	0.46	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
p-Isopropyltoluene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
sec-Butylbenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Styrene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
trans-1,2-Dichloroethene	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
trans-1,3-Dichloropropene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
tert-Butylbenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Tetrachloroethene	ND		0.96	0.21	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Toluene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Trichloroethene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Trichlorofluoromethane	ND		9.6	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Vinyl acetate	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Vinyl chloride	ND		0.96	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:30	1
Xylenes, Total	ND		1.9	0.58	ug/Kg		09/20/25 08:30	09/20/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*	*09/20/25 08:30*	*09/20/25 14:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:30*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*09/20/25 08:30*	*09/20/25 14:30*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:30*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.096	0.042	mg/Kg		09/21/25 15:17	09/21/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*	*09/21/25 15:17*	*09/21/25 20:07*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		4.9	4.5	mg/Kg		09/25/25 10:00	09/25/25 18:57	1
TPH as Motor Oil (C17-C44)	ND		24	10	mg/Kg		09/25/25 10:00	09/25/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*57*		*29 - 160*	*09/25/25 10:00*	*09/25/25 18:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.71	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
4,4'-DDE	ND		5.0	0.68	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Aldrin	ND		5.0	1.6	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
alpha-BHC	ND		5.0	0.59	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
beta-BHC	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Chlordane	ND		25	4.1	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
delta-BHC	ND		5.0	0.93	ug/Kg		09/19/25 11:50	09/26/25 16:05	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-2
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18
Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endosulfan I	ND		5.0	1.1	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endosulfan II	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endrin	ND		5.0	0.67	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Endrin ketone	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Heptachlor	ND		5.0	0.60	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Methoxychlor	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:05	1
Toxaphene	ND		25	15	ug/Kg		09/19/25 11:50	09/26/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*09/19/25 11:50*	*09/26/25 16:05*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*37 - 151*	*09/19/25 11:50*	*09/26/25 16:05*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1221	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1232	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1242	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1248	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1254	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:11	1
Aroclor-1260	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 120*	*09/19/25 11:50*	*09/26/25 14:11*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*20 - 120*	*09/19/25 11:50*	*09/26/25 14:11*	*1*

Method: SW846 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.283**	**J**	0.515	0.208	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Arsenic	**5.28**		0.515	0.0812	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Barium	**155**		0.515	0.285	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Beryllium	**0.704**		0.515	0.411	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Cadmium	**0.399**	**J**	0.515	0.0742	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Chromium	**22.6**		0.515	0.393	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Cobalt	**10.8**		0.515	0.0528	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Copper	**16.1**		0.515	0.0955	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Lead	**9.88**		0.515	0.285	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Molybdenum	**1.03**		0.515	0.253	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Nickel	**16.4**		0.515	0.350	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Selenium	**1.37**		0.515	0.392	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Silver	ND		1.03	0.528	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Thallium	**0.186**	**J**	0.515	0.164	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Vanadium	**41.2**		0.515	0.193	mg/Kg		09/18/25 10:11	09/18/25 18:25	5
Zinc	**54.1**		5.15	3.11	mg/Kg		09/18/25 10:11	09/18/25 18:25	5

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-2
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18
Matrix: Solid

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0479	J	0.0887	0.0245	mg/Kg		09/25/25 09:57	09/25/25 12:41	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-3
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-19
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1,2-Trichloroethane	ND		0.96	0.45	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1-Dichloroethene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,1-Dichloropropene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2,3-Trichlorobenzene	ND		1.9	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2,3-Trichloropropane	ND		1.9	0.40	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2,4-Trimethylbenzene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2-Dibromo-3-Chloropropane	ND		9.6	3.2	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2-Dibromoethane	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2-Dichloroethane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,2-Dichloropropane	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,3,5-Trimethylbenzene	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,3-Dichlorobenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,3-Dichloropropane	ND		0.96	0.28	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
1,4-Dichlorobenzene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
2,2-Dichloropropane	ND		4.8	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
2-Butanone (MEK)	ND		19	4.3	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
2-Chlorotoluene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
2-Hexanone	ND		19	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
4-Chlorotoluene	ND		0.96	0.23	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		19	2.8	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Acetone	**11**	**J**	19	9.5	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Benzene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Bromobenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Bromochloromethane	ND		1.9	0.43	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Bromodichloromethane	ND		0.96	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Bromoform	ND		4.8	1.3	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Bromomethane	ND		19	6.3	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
cis-1,2-Dichloroethene	ND		0.96	0.32	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
cis-1,3-Dichloropropene	ND		0.96	0.34	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Carbon disulfide	ND		9.6	0.38	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Carbon tetrachloride	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Chlorobenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Chloroethane	ND		1.9	0.31	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Chloroform	ND		0.96	0.57	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Chloromethane	ND		19	1.5	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Dibromomethane	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Dichlorodifluoromethane	ND		1.9	0.44	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Ethylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Methylene Chloride	ND		9.6	3.0	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		09/20/25 08:30	09/20/25 14:51	1

Client Sample ID: CS-3
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-19
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
n-Butylbenzene	ND		0.96	0.20	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
N-Propylbenzene	ND		1.9	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
o-Xylene	ND		0.96	0.25	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
m,p-Xylene	ND		1.9	0.46	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
p-Isopropyltoluene	ND		0.96	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
sec-Butylbenzene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Styrene	ND		0.96	0.30	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
trans-1,2-Dichloroethene	ND		0.96	0.29	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
trans-1,3-Dichloropropene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
tert-Butylbenzene	ND		0.96	0.24	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Tetrachloroethene	ND		0.96	0.21	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Toluene	ND		0.96	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Trichloroethene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Trichlorofluoromethane	ND		9.6	0.26	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Vinyl acetate	ND		9.6	3.8	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Vinyl chloride	ND		0.96	0.36	ug/Kg		09/20/25 08:30	09/20/25 14:51	1
Xylenes, Total	ND		1.9	0.58	ug/Kg		09/20/25 08:30	09/20/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*09/20/25 08:30*	*09/20/25 14:51*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:51*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*09/20/25 08:30*	*09/20/25 14:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*09/20/25 08:30*	*09/20/25 14:51*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.096	0.042	mg/Kg		09/21/25 15:17	09/21/25 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*09/21/25 15:17*	*09/21/25 20:31*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		4.9	4.5	mg/Kg		09/25/25 10:00	09/25/25 19:19	1
TPH as Motor Oil (C17-C44)	ND		25	10	mg/Kg		09/25/25 10:00	09/25/25 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*75*		*29 - 160*	*09/25/25 10:00*	*09/25/25 19:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
4,4'-DDE	ND		5.0	0.69	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Aldrin	ND		5.0	1.6	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
alpha-BHC	ND		5.0	0.59	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
beta-BHC	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Chlordane	ND		25	4.1	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
delta-BHC	ND		5.0	0.93	ug/Kg		09/19/25 11:50	09/26/25 16:20	1

Client Sample ID: CS-3
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-19
Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endosulfan I	ND		5.0	1.1	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endosulfan II	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endrin	ND		5.0	0.67	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Endrin ketone	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Heptachlor	ND		5.0	0.60	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Methoxychlor	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:20	1
Toxaphene	ND		25	15	ug/Kg		09/19/25 11:50	09/26/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*59*		*38 - 148*	*09/19/25 11:50*	*09/26/25 16:20*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*09/19/25 11:50*	*09/26/25 16:20*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1221	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1232	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1242	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1248	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1254	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:25	1
Aroclor-1260	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 120*	*09/19/25 11:50*	*09/26/25 14:25*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 120*	*09/19/25 11:50*	*09/26/25 14:25*	*1*

Method: SW846 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.323**	**J**	0.450	0.181	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Arsenic	**5.10**		0.450	0.0709	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Barium	**168**		0.450	0.248	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Beryllium	**0.731**		0.450	0.359	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Cadmium	**0.383**	**J**	0.450	0.0647	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Chromium	**24.1**		0.450	0.343	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Cobalt	**12.6**		0.450	0.0460	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Copper	**15.9**		0.450	0.0833	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Lead	**9.79**		0.450	0.248	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Molybdenum	**0.918**		0.450	0.221	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Nickel	**17.4**		0.450	0.305	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Selenium	**1.67**		0.450	0.342	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Silver	ND		0.899	0.461	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Thallium	**0.193**	**J**	0.450	0.143	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Vanadium	**42.8**		0.450	0.169	mg/Kg		09/18/25 10:11	09/18/25 18:33	5
Zinc	**57.2**		4.50	2.71	mg/Kg		09/18/25 10:11	09/18/25 18:33	5

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-3
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-19
Matrix: Solid

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0289	J	0.0801	0.0221	mg/Kg		09/25/25 09:57	09/25/25 12:43	1

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-4
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-20
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97	0.28	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1,1-Trichloroethane	ND		0.97	0.23	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.24	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7	0.45	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1,2-Trichloroethane	ND		0.97	0.45	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1-Dichloroethane	ND		0.97	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1-Dichloroethene	ND		0.97	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,1-Dichloropropene	ND		1.9	0.38	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2,3-Trichlorobenzene	ND		1.9	0.36	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2,3-Trichloropropane	ND		1.9	0.41	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2,4-Trichlorobenzene	ND		1.9	0.40	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2,4-Trimethylbenzene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2-Dibromo-3-Chloropropane	ND		9.7	3.2	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2-Dibromoethane	ND		0.97	0.20	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2-Dichlorobenzene	ND		0.97	0.24	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2-Dichloroethane	ND		0.97	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,2-Dichloropropane	ND		0.97	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,3,5-Trimethylbenzene	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,3-Dichlorobenzene	ND		0.97	0.24	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,3-Dichloropropane	ND		0.97	0.29	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
1,4-Dichlorobenzene	ND		0.97	0.30	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
2,2-Dichloropropane	ND		4.8	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
2-Butanone (MEK)	ND		19	4.4	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
2-Chlorotoluene	ND		0.97	0.24	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
2-Hexanone	ND		19	3.0	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
4-Chlorotoluene	ND		0.97	0.23	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		19	2.8	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Acetone	**17**	**J**	19	9.5	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Benzene	ND		0.97	0.25	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Bromobenzene	ND		0.97	0.20	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Bromochloromethane	ND		1.9	0.43	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Bromodichloromethane	ND		0.97	0.31	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Bromoform	ND		4.8	1.3	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Bromomethane	ND		19	6.4	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
cis-1,2-Dichloroethene	ND		0.97	0.33	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
cis-1,3-Dichloropropene	ND		0.97	0.34	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Carbon disulfide	ND		9.7	0.39	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Carbon tetrachloride	ND		0.97	0.29	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Chlorobenzene	ND		0.97	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Chloroethane	ND		1.9	0.31	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Chloroform	ND		0.97	0.57	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Chloromethane	ND		19	1.5	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Dibromomethane	ND		0.97	0.30	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Dichlorodifluoromethane	ND		1.9	0.44	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Ethylbenzene	ND		0.97	0.20	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Isopropylbenzene	ND		0.97	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Methylene Chloride	ND		9.7	3.0	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		09/20/25 08:30	09/20/25 15:12	1

Client Sample ID: CS-4
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-20
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.7	3.8	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
n-Butylbenzene	ND		0.97	0.20	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
N-Propylbenzene	ND		1.9	0.25	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
o-Xylene	ND		0.97	0.25	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
m,p-Xylene	ND		1.9	0.46	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
p-Isopropyltoluene	ND		0.97	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
sec-Butylbenzene	ND		0.97	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Styrene	ND		0.97	0.31	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
trans-1,2-Dichloroethene	ND		0.97	0.29	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
trans-1,3-Dichloropropene	ND		1.9	0.27	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
tert-Butylbenzene	ND		0.97	0.25	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Tetrachloroethene	ND		0.97	0.22	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Toluene	ND		0.97	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Trichloroethene	ND		1.9	0.37	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Trichlorofluoromethane	ND		9.7	0.26	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Vinyl acetate	ND		9.7	3.8	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Vinyl chloride	ND		0.97	0.37	ug/Kg		09/20/25 08:30	09/20/25 15:12	1
Xylenes, Total	ND		1.9	0.58	ug/Kg		09/20/25 08:30	09/20/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*32 - 179*	*09/20/25 08:30*	*09/20/25 15:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*09/20/25 08:30*	*09/20/25 15:12*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*09/20/25 08:30*	*09/20/25 15:12*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*09/20/25 08:30*	*09/20/25 15:12*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.098	0.043	mg/Kg		09/21/25 15:17	09/21/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*	*09/21/25 15:17*	*09/21/25 20:55*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0	4.6	mg/Kg		09/25/25 10:00	09/25/25 19:41	1
TPH as Motor Oil (C17-C44)	ND		25	10	mg/Kg		09/25/25 10:00	09/25/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*74*		*29 - 160*	*09/25/25 10:00*	*09/25/25 19:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.71	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
4,4'-DDE	ND		5.0	0.68	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Aldrin	ND		5.0	1.6	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
alpha-BHC	ND		5.0	0.59	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
beta-BHC	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Chlordane	ND		25	4.1	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
delta-BHC	ND		5.0	0.93	ug/Kg		09/19/25 11:50	09/26/25 16:35	1

Client Sample ID: CS-4

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-20

Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endosulfan I	ND		5.0	1.1	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endosulfan II	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endrin	ND		5.0	0.67	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Endrin ketone	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Heptachlor	ND		5.0	0.60	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Methoxychlor	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/26/25 16:35	1
Toxaphene	ND		25	15	ug/Kg		09/19/25 11:50	09/26/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*70*		*38 - 148*	*09/19/25 11:50*	*09/26/25 16:35*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*37 - 151*	*09/19/25 11:50*	*09/26/25 16:35*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1221	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1232	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1242	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1248	ND		50	39	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1254	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:38	1
Aroclor-1260	ND		50	25	ug/Kg		09/19/25 11:50	09/26/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*87*		*25 - 120*	*09/19/25 11:50*	*09/26/25 14:38*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*20 - 120*	*09/19/25 11:50*	*09/26/25 14:38*	*1*

Method: SW846 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.298**	**J**	0.513	0.207	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Arsenic	**5.46**		0.513	0.0808	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Barium	**155**		0.513	0.283	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Beryllium	**0.746**		0.513	0.409	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Cadmium	**0.320**	**J**	0.513	0.0738	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Chromium	**22.5**		0.513	0.391	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Cobalt	**8.10**		0.513	0.0525	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Copper	**15.4**		0.513	0.0951	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Lead	**9.72**		0.513	0.283	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Molybdenum	**0.859**		0.513	0.252	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Nickel	**15.1**		0.513	0.348	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Selenium	**1.59**		0.513	0.390	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Silver	ND		1.03	0.525	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Thallium	**0.188**	**J**	0.513	0.163	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Vanadium	**42.6**		0.513	0.192	mg/Kg		09/18/25 10:11	09/18/25 18:36	5
Zinc	**55.2**		5.13	3.10	mg/Kg		09/18/25 10:11	09/18/25 18:36	5

Client Sample Results

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-4
Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-20
Matrix: Solid

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0300	J	0.0833	0.0230	mg/Kg		09/25/25 09:57	09/25/25 12:45	1

Surrogate Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-246746-17	CS-1	105	97	98	100
570-246746-18	CS-2	101	96	97	98
570-246746-19	CS-3	106	96	99	98
570-246746-20	CS-4	107	95	100	98
LCS 570-628432/1-A	Lab Control Sample	93	97	95	99
LCSD 570-628432/2-A	Lab Control Sample Dup	98	99	97	101
MB 570-628432/3-A	Method Blank	98	96	96	99

Surrogate Legend

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

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-246746-17	CS-1	86
570-246746-18	CS-2	86
570-246746-19	CS-3	79
570-246746-20	CS-4	84
LCS 570-628692/1-A	Lab Control Sample	98
LCSD 570-628692/2-A	Lab Control Sample Dup	96
MB 570-628692/3-A	Method Blank	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(29-160)
570-246746-17	CS-1	71
570-246746-18	CS-2	57
570-246746-19	CS-3	75
570-246746-20	CS-4	74
LCS 570-629886/2-A	Lab Control Sample	78
LCS 570-629886/8-A	Lab Control Sample	76
LCSD 570-629886/3-A	Lab Control Sample Dup	76
LCSD 570-629886/9-A	Lab Control Sample Dup	76
MB 570-629886/1-A	Method Blank	91

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: Padre Associates, Inc. Job ID: 570-246746-1
Project/Site: Tustin USD-Proposed District Offices SDG: Legacy Road, Tustin CA

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-246746-17	CS-1	84	122
570-246746-20	CS-4	70	99

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-246746-18	CS-2	73	106
570-246746-19	CS-3	59	83
LCS 570-628060/2-A	Lab Control Sample	80	86
LCSD 570-628060/3-A	Lab Control Sample Dup	81	87
MB 570-628060/1-A	Method Blank	81	90

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(25-120)	(20-120)
570-246746-17	CS-1	89	97
570-246746-18	CS-2	86	95
570-246746-19	CS-3	83	92
570-246746-20	CS-4	87	94
LCS 570-628060/6-A	Lab Control Sample	95	101
LCSD 570-628060/7-A	Lab Control Sample Dup	91	106
MB 570-628060/1-A	Method Blank	92	99

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

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

Lab Sample ID: MB 570-628432/3-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.25	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.46	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2,3-Trichlorobenzene	ND		2.0	0.38	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2-Dibromo-3-Chloropropane	ND		10	3.3	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,3,5-Trimethylbenzene	ND		2.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
2-Butanone (MEK)	ND		20	4.5	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
2-Hexanone	ND		20	3.1	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
4-Methyl-2-pentanone (MIBK)	ND		20	2.9	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Acetone	ND		20	9.8	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Benzene	ND		1.0	0.26	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Bromobenzene	ND		1.0	0.21	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Bromochloromethane	ND		2.0	0.44	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Bromodichloromethane	ND		1.0	0.33	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Bromoform	ND		5.0	1.3	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Bromomethane	ND		20	6.6	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Carbon disulfide	ND		10	0.40	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Chlorobenzene	ND		1.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Chloroethane	ND		2.0	0.32	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Chloroform	ND		1.0	0.59	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Chloromethane	ND		20	1.5	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Dibromomethane	ND		1.0	0.31	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Ethylbenzene	ND		1.0	0.21	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Isopropylbenzene	ND		1.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Methylene Chloride	ND		10	3.1	ug/Kg		09/20/25 08:30	09/20/25 10:18	1

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

Lab Sample ID: MB 570-628432/3-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Naphthalene	ND		10	3.9	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
N-Propylbenzene	ND		2.0	0.26	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
o-Xylene	ND		1.0	0.26	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
m,p-Xylene	ND		2.0	0.47	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
p-Isopropyltoluene	ND		1.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
sec-Butylbenzene	ND		1.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Styrene	ND		1.0	0.32	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Toluene	ND		1.0	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Trichloroethene	ND		2.0	0.39	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Vinyl acetate	ND		10	3.9	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Vinyl chloride	ND		1.0	0.38	ug/Kg		09/20/25 08:30	09/20/25 10:18	1
Xylenes, Total	ND		2.0	0.60	ug/Kg		09/20/25 08:30	09/20/25 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*	*09/20/25 08:30*	*09/20/25 10:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*09/20/25 08:30*	*09/20/25 10:18*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*09/20/25 08:30*	*09/20/25 10:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*09/20/25 08:30*	*09/20/25 10:18*	*1*

Lab Sample ID: LCS 570-628432/1-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	54.09		ug/Kg		108	80 - 125
1,1,1-Trichloroethane	50.0	50.82		ug/Kg		102	78 - 130
1,1,2,2-Tetrachloroethane	50.0	52.74		ug/Kg		105	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.49		ug/Kg		109	73 - 130
1,1,2-Trichloroethane	50.0	49.47		ug/Kg		99	80 - 123
1,1-Dichloroethane	50.0	50.67		ug/Kg		101	79 - 124
1,1-Dichloroethene	50.0	51.21		ug/Kg		102	74 - 132
1,1-Dichloropropene	50.0	49.17		ug/Kg		98	78 - 130
1,2,3-Trichlorobenzene	50.0	53.67		ug/Kg		107	80 - 123
1,2,3-Trichloropropane	50.0	50.59		ug/Kg		101	79 - 120
1,2,4-Trichlorobenzene	50.0	54.43		ug/Kg		109	80 - 125
1,2,4-Trimethylbenzene	50.0	51.94		ug/Kg		104	80 - 124
1,2-Dibromo-3-Chloropropane	50.0	52.33		ug/Kg		105	67 - 120
1,2-Dibromoethane	50.0	51.15		ug/Kg		102	80 - 120
1,2-Dichlorobenzene	50.0	53.01		ug/Kg		106	80 - 120
1,2-Dichloroethane	50.0	47.59		ug/Kg		95	77 - 120
1,2-Dichloropropane	50.0	48.20		ug/Kg		96	80 - 126

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

Lab Sample ID: LCS 570-628432/1-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	50.0	51.56		ug/Kg		103	80 - 121
1,3-Dichlorobenzene	50.0	52.67		ug/Kg		105	80 - 120
1,3-Dichloropropane	50.0	48.37		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	50.0	52.20		ug/Kg		104	80 - 120
2,2-Dichloropropane	50.0	48.25		ug/Kg		96	73 - 135
2-Butanone (MEK)	50.0	49.93		ug/Kg		100	67 - 136
2-Chlorotoluene	50.0	51.12		ug/Kg		102	80 - 120
2-Hexanone	50.0	51.59		ug/Kg		103	70 - 137
4-Chlorotoluene	50.0	51.85		ug/Kg		104	80 - 121
4-Methyl-2-pentanone (MIBK)	50.0	53.53		ug/Kg		107	74 - 124
Acetone	50.0	49.32		ug/Kg		99	61 - 142
Benzene	50.0	48.91		ug/Kg		98	80 - 120
Bromobenzene	50.0	51.59		ug/Kg		103	80 - 120
Bromochloromethane	50.0	50.15		ug/Kg		100	80 - 120
Bromodichloromethane	50.0	51.17		ug/Kg		102	80 - 125
Bromoform	50.0	59.75		ug/Kg		119	74 - 138
Bromomethane	50.0	53.70		ug/Kg		107	58 - 136
cis-1,2-Dichloroethene	50.0	48.76		ug/Kg		98	80 - 124
cis-1,3-Dichloropropene	50.0	51.16		ug/Kg		102	80 - 123
Carbon disulfide	50.0	49.83		ug/Kg		100	68 - 128
Carbon tetrachloride	50.0	57.33		ug/Kg		115	75 - 140
Chlorobenzene	50.0	50.83		ug/Kg		102	80 - 120
Chloroethane	50.0	48.28		ug/Kg		97	76 - 137
Chloroform	50.0	47.32		ug/Kg		95	80 - 121
Chloromethane	50.0	41.36		ug/Kg		83	74 - 133
Dibromochloromethane	50.0	54.89		ug/Kg		110	80 - 132
Dibromomethane	50.0	50.05		ug/Kg		100	80 - 120
Dichlorodifluoromethane	50.0	50.43		ug/Kg		101	63 - 146
Ethylbenzene	50.0	49.98		ug/Kg		100	80 - 120
Isopropylbenzene	50.0	52.13		ug/Kg		104	80 - 122
Methylene Chloride	50.0	48.07		ug/Kg		96	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	50.21		ug/Kg		100	79 - 123
Naphthalene	50.0	52.53		ug/Kg		105	79 - 121
n-Butylbenzene	50.0	55.06		ug/Kg		110	79 - 131
N-Propylbenzene	50.0	51.28		ug/Kg		103	80 - 122
o-Xylene	50.0	50.70		ug/Kg		101	80 - 120
m,p-Xylene	100	99.91		ug/Kg		100	80 - 120
p-Isopropyltoluene	50.0	53.91		ug/Kg		108	80 - 126
sec-Butylbenzene	50.0	54.34		ug/Kg		109	80 - 125
Styrene	50.0	49.85		ug/Kg		100	80 - 120
trans-1,2-Dichloroethene	50.0	51.64		ug/Kg		103	75 - 123
trans-1,3-Dichloropropene	50.0	47.78		ug/Kg		96	80 - 124
tert-Butylbenzene	50.0	53.82		ug/Kg		108	80 - 124
Tetrachloroethene	50.0	52.59		ug/Kg		105	80 - 122
Toluene	50.0	51.34		ug/Kg		103	80 - 120
Trichloroethene	50.0	51.64		ug/Kg		103	80 - 127
Trichlorofluoromethane	50.0	51.84		ug/Kg		104	70 - 144
Vinyl acetate	50.0	49.92		ug/Kg		100	71 - 125
Vinyl chloride	50.0	49.99		ug/Kg		100	79 - 133

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		32 - 179
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	95		58 - 147
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-628432/2-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628432

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	55.71		ug/Kg		111	80 - 125	3	20
1,1,1-Trichloroethane			50.0	52.77		ug/Kg		106	78 - 130	4	20
1,1,2,2-Tetrachloroethane			50.0	52.99		ug/Kg		106	80 - 124	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	56.74		ug/Kg		113	73 - 130	4	20
1,1,2-Trichloroethane			50.0	50.89		ug/Kg		102	80 - 123	3	20
1,1-Dichloroethane			50.0	53.26		ug/Kg		107	79 - 124	5	20
1,1-Dichloroethene			50.0	53.32		ug/Kg		107	74 - 132	4	20
1,1-Dichloropropene			50.0	51.53		ug/Kg		103	78 - 130	5	20
1,2,3-Trichlorobenzene			50.0	52.49		ug/Kg		105	80 - 123	2	20
1,2,3-Trichloropropane			50.0	52.35		ug/Kg		105	79 - 120	3	20
1,2,4-Trichlorobenzene			50.0	53.86		ug/Kg		108	80 - 125	1	20
1,2,4-Trimethylbenzene			50.0	50.89		ug/Kg		102	80 - 124	2	20
1,2-Dibromo-3-Chloropropane			50.0	53.44		ug/Kg		107	67 - 120	2	20
1,2-Dibromoethane			50.0	52.33		ug/Kg		105	80 - 120	2	20
1,2-Dichlorobenzene			50.0	51.89		ug/Kg		104	80 - 120	2	20
1,2-Dichloroethane			50.0	49.54		ug/Kg		99	77 - 120	4	20
1,2-Dichloropropane			50.0	50.13		ug/Kg		100	80 - 126	4	20
1,3,5-Trimethylbenzene			50.0	52.67		ug/Kg		105	80 - 121	2	20
1,3-Dichlorobenzene			50.0	51.54		ug/Kg		103	80 - 120	2	20
1,3-Dichloropropane			50.0	49.95		ug/Kg		100	80 - 120	3	20
1,4-Dichlorobenzene			50.0	51.13		ug/Kg		102	80 - 120	2	20
2,2-Dichloropropane			50.0	50.27		ug/Kg		101	73 - 135	4	20
2-Butanone (MEK)			50.0	55.54		ug/Kg		111	67 - 136	11	20
2-Chlorotoluene			50.0	51.57		ug/Kg		103	80 - 120	1	20
2-Hexanone			50.0	55.78		ug/Kg		112	70 - 137	8	20
4-Chlorotoluene			50.0	50.97		ug/Kg		102	80 - 121	2	20
4-Methyl-2-pentanone (MIBK)			50.0	56.73		ug/Kg		113	74 - 124	6	20
Acetone			50.0	53.72		ug/Kg		107	61 - 142	9	23
Benzene			50.0	50.94		ug/Kg		102	80 - 120	4	20
Bromobenzene			50.0	52.41		ug/Kg		105	80 - 120	2	20
Bromochloromethane			50.0	52.14		ug/Kg		104	80 - 120	4	20
Bromodichloromethane			50.0	53.63		ug/Kg		107	80 - 125	5	20
Bromoform			50.0	60.81		ug/Kg		122	74 - 138	2	20
Bromomethane			50.0	55.49		ug/Kg		111	58 - 136	3	20
cis-1,2-Dichloroethene			50.0	51.43		ug/Kg		103	80 - 124	5	20
cis-1,3-Dichloropropene			50.0	53.05		ug/Kg		106	80 - 123	4	20
Carbon disulfide			50.0	52.84		ug/Kg		106	68 - 128	6	20
Carbon tetrachloride			50.0	59.74		ug/Kg		119	75 - 140	4	20
Chlorobenzene			50.0	51.86		ug/Kg		104	80 - 120	2	20
Chloroethane			50.0	50.81		ug/Kg		102	76 - 137	5	20
Chloroform			50.0	49.91		ug/Kg		100	80 - 121	5	20

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

Lab Sample ID: LCSD 570-628432/2-A
Matrix: Solid
Analysis Batch: 628406

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628432

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			50.0	43.81		ug/Kg		88	74 - 133	6	20
Dibromochloromethane			50.0	56.63		ug/Kg		113	80 - 132	3	20
Dibromomethane			50.0	52.35		ug/Kg		105	80 - 120	4	20
Dichlorodifluoromethane			50.0	52.42		ug/Kg		105	63 - 146	4	20
Ethylbenzene			50.0	51.15		ug/Kg		102	80 - 120	2	20
Isopropylbenzene			50.0	52.95		ug/Kg		106	80 - 122	2	20
Methylene Chloride			50.0	49.26		ug/Kg		99	74 - 120	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	52.65		ug/Kg		105	79 - 123	5	20
Naphthalene			50.0	52.19		ug/Kg		104	79 - 121	1	20
n-Butylbenzene			50.0	53.37		ug/Kg		107	79 - 131	3	20
N-Propylbenzene			50.0	51.89		ug/Kg		104	80 - 122	1	20
o-Xylene			50.0	51.59		ug/Kg		103	80 - 120	2	20
m,p-Xylene			100	101.9		ug/Kg		102	80 - 120	2	20
p-Isopropyltoluene			50.0	52.87		ug/Kg		106	80 - 126	2	20
sec-Butylbenzene			50.0	53.40		ug/Kg		107	80 - 125	2	20
Styrene			50.0	50.75		ug/Kg		102	80 - 120	2	20
trans-1,2-Dichloroethene			50.0	53.54		ug/Kg		107	75 - 123	4	20
trans-1,3-Dichloropropene			50.0	49.33		ug/Kg		99	80 - 124	3	20
tert-Butylbenzene			50.0	53.45		ug/Kg		107	80 - 124	1	20
Tetrachloroethene			50.0	54.55		ug/Kg		109	80 - 122	4	20
Toluene			50.0	52.95		ug/Kg		106	80 - 120	3	20
Trichloroethene			50.0	53.38		ug/Kg		107	80 - 127	3	20
Trichlorofluoromethane			50.0	55.82		ug/Kg		112	70 - 144	7	20
Vinyl acetate			50.0	53.66		ug/Kg		107	71 - 125	7	20
Vinyl chloride			50.0	52.41		ug/Kg		105	79 - 133	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-628692/3-A
Matrix: Solid
Analysis Batch: 628671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg		09/21/25 15:17	09/21/25 16:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*42 - 126*	*09/21/25 15:17*	*09/21/25 16:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-628692/1-A
Matrix: Solid
Analysis Batch: 628671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.99	1.818		mg/Kg		91	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*42 - 126*

Lab Sample ID: LCSD 570-628692/2-A
Matrix: Solid
Analysis Batch: 628671

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.709		mg/Kg		85	70 - 124	6	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-629886/1-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0	4.6	mg/Kg		09/25/25 10:00	09/25/25 13:11	1
TPH as Motor Oil (C17-C44)	ND		25	10	mg/Kg		09/25/25 10:00	09/25/25 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*29 - 160*	*09/25/25 10:00*	*09/25/25 13:11*	*1*

Lab Sample ID: LCS 570-629886/2-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629886

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	373.8		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*78*		*29 - 160*

Lab Sample ID: LCS 570-629886/8-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629886

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)			400	347.4		mg/Kg		87	77 - 125		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-629886/8-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629886

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	*76*		*29 - 160*

Lab Sample ID: LCSD 570-629886/3-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 629886

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	369.5		mg/Kg		92	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	*76*		*29 - 160*

Lab Sample ID: LCSD 570-629886/9-A
Matrix: Solid
Analysis Batch: 630877

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 629886

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	333.0		mg/Kg		83	77 - 125	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	*76*		*29 - 160*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-628060/1-A
Matrix: Solid
Analysis Batch: 630624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
4,4'-DDE	ND		5.0	0.69	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Aldrin	ND		5.0	1.6	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
alpha-BHC	ND		5.0	0.59	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
beta-BHC	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Chlordane	ND		25	4.1	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
delta-BHC	ND		5.0	0.93	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Dieldrin	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endosulfan I	ND		5.0	1.1	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endosulfan II	ND		5.0	0.55	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endrin	ND		5.0	0.67	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Endrin ketone	ND		5.0	0.90	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		09/19/25 11:50	09/25/25 03:24	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-628060/1-A
Matrix: Solid
Analysis Batch: 630624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		5.0	0.60	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Methoxychlor	ND		5.0	1.2	ug/Kg		09/19/25 11:50	09/25/25 03:24	1
Toxaphene	ND		25	15	ug/Kg		09/19/25 11:50	09/25/25 03:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*38 - 148*	*09/19/25 11:50*	*09/25/25 03:24*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*09/19/25 11:50*	*09/25/25 03:24*	*1*

Lab Sample ID: LCS 570-628060/2-A
Matrix: Solid
Analysis Batch: 630624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	16.41		ug/Kg		66	54 - 154
4,4'-DDE	25.0	16.96		ug/Kg		68	51 - 149
4,4'-DDT	25.0	17.02		ug/Kg		68	39 - 152
Aldrin	25.0	16.96		ug/Kg		68	52 - 138
alpha-BHC	25.0	17.43		ug/Kg		70	51 - 140
alpha-Chlordane	25.0	16.49		ug/Kg		66	53 - 141
beta-BHC	25.0	16.25		ug/Kg		65	53 - 141
delta-BHC	25.0	15.49		ug/Kg		62	20 - 132
Dieldrin	25.0	16.24		ug/Kg		65	52 - 144
Endosulfan I	25.0	15.92		ug/Kg		64	49 - 139
Endosulfan II	25.0	15.24		ug/Kg		61	51 - 150
Endosulfan sulfate	25.0	22.82		ug/Kg		91	45 - 139
Endrin	25.0	15.94		ug/Kg		64	53 - 151
Endrin aldehyde	25.0	15.89		ug/Kg		64	31 - 146
Endrin ketone	25.0	31.29		ug/Kg		125	51 - 150
gamma-Chlordane	25.0	16.38		ug/Kg		66	46 - 156
gamma-BHC (Lindane)	25.0	17.20		ug/Kg		69	53 - 141
Heptachlor	25.0	17.58		ug/Kg		70	52 - 144
Heptachlor epoxide	25.0	16.13		ug/Kg		65	54 - 141
Methoxychlor	25.0	15.75		ug/Kg		63	47 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*

Lab Sample ID: LCSD 570-628060/3-A
Matrix: Solid
Analysis Batch: 630624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628060

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	25.0	16.50		ug/Kg		66	54 - 154	1	30
4,4'-DDE	25.0	17.04		ug/Kg		68	51 - 149	0	28
4,4'-DDT	25.0	17.05		ug/Kg		68	39 - 152	0	31
Aldrin	25.0	17.08		ug/Kg		68	52 - 138	1	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-628060/3-A
Matrix: Solid
Analysis Batch: 630624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628060

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC			25.0	17.48		ug/Kg		70	51 - 140	0	29
alpha-Chlordane			25.0	16.59		ug/Kg		66	53 - 141	1	28
beta-BHC			25.0	16.35		ug/Kg		65	53 - 141	1	29
delta-BHC			25.0	15.58		ug/Kg		62	20 - 132	1	40
Dieldrin			25.0	16.35		ug/Kg		65	52 - 144	1	28
Endosulfan I			25.0	15.98		ug/Kg		64	49 - 139	0	28
Endosulfan II			25.0	15.38		ug/Kg		62	51 - 150	1	29
Endosulfan sulfate			25.0	22.98		ug/Kg		92	45 - 139	1	30
Endrin			25.0	16.04		ug/Kg		64	53 - 151	1	29
Endrin aldehyde			25.0	16.53		ug/Kg		66	31 - 146	4	40
Endrin ketone			25.0	31.96		ug/Kg		128	51 - 150	2	30
gamma-Chlordane			25.0	16.51		ug/Kg		66	46 - 156	1	39
gamma-BHC (Lindane)			25.0	17.24		ug/Kg		69	53 - 141	0	29
Heptachlor			25.0	17.61		ug/Kg		70	52 - 144	0	29
Heptachlor epoxide			25.0	16.25		ug/Kg		65	54 - 141	1	29
Methoxychlor			25.0	15.86		ug/Kg		63	47 - 148	1	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*81*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-628060/1-A
Matrix: Solid
Analysis Batch: 630914

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	39	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1221	ND		50	39	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1232	ND		50	39	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1242	ND		50	39	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1248	ND		50	39	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1254	ND		50	25	ug/Kg		09/19/25 11:50	09/25/25 16:38	1
Aroclor-1260	ND		50	25	ug/Kg		09/19/25 11:50	09/25/25 16:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*92*		*25 - 120*	*09/19/25 11:50*	*09/25/25 16:38*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*20 - 120*	*09/19/25 11:50*	*09/25/25 16:38*	*1*

Lab Sample ID: LCS 570-628060/6-A
Matrix: Solid
Analysis Batch: 630914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628060

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			100	93.40		ug/Kg		93	53 - 133		
Aroclor-1260			100	101.0		ug/Kg		101	39 - 140		

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 570-628060/6-A
Matrix: Solid
Analysis Batch: 630914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628060

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*95*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*101*		*20 - 120*

Lab Sample ID: LCSD 570-628060/7-A
Matrix: Solid
Analysis Batch: 630914

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 628060

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			100	95.12		ug/Kg		95	53 - 133	2	32
Aroclor-1260			100	106.1		ug/Kg		106	39 - 140	5	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*91*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*106*		*20 - 120*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 570-627377/1-A
Matrix: Solid
Analysis Batch: 627688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 627377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.469	0.189	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Arsenic	ND		0.469	0.0739	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Barium	ND		0.469	0.259	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Beryllium	ND		0.469	0.374	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Cadmium	ND		0.469	0.0675	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Chromium	ND		0.469	0.357	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Cobalt	ND		0.469	0.0480	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Copper	ND		0.469	0.0869	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Lead	ND		0.469	0.259	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Molybdenum	ND		0.469	0.231	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Nickel	ND		0.469	0.318	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Selenium	ND		0.469	0.357	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Silver	ND		0.938	0.480	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Thallium	ND		0.469	0.149	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Vanadium	ND		0.469	0.176	mg/Kg		09/18/25 10:11	09/18/25 17:08	5
Zinc	ND		4.69	2.83	mg/Kg		09/18/25 10:11	09/18/25 17:08	5

Lab Sample ID: LCS 570-627377/2-A
Matrix: Solid
Analysis Batch: 627688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627377

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony			197	214.7		mg/Kg		109	80 - 120
Arsenic			197	185.8		mg/Kg		94	80 - 120
Barium			197	212.6		mg/Kg		108	80 - 120
Beryllium			197	207.0		mg/Kg		105	80 - 120
Cadmium			197	207.4		mg/Kg		105	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 570-627377/2-A
Matrix: Solid
Analysis Batch: 627688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	197	193.1		mg/Kg		98	80 - 120
Cobalt	197	201.6		mg/Kg		102	80 - 120
Copper	197	190.6		mg/Kg		97	80 - 120
Lead	197	198.6		mg/Kg		101	80 - 120
Molybdenum	197	214.2		mg/Kg		109	80 - 120
Nickel	197	191.3		mg/Kg		97	80 - 120
Selenium	197	178.0		mg/Kg		90	80 - 120
Silver	98.5	111.2		mg/Kg		113	80 - 120
Thallium	197	190.2		mg/Kg		97	80 - 120
Vanadium	197	189.1		mg/Kg		96	80 - 120
Zinc	197	186.7		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 570-627377/3-A
Matrix: Solid
Analysis Batch: 627688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 627377

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	202	221.8		mg/Kg		110	80 - 120	3	20
Arsenic	202	188.7		mg/Kg		94	80 - 120	2	20
Barium	202	217.8		mg/Kg		108	80 - 120	2	20
Beryllium	202	213.1		mg/Kg		106	80 - 120	3	20
Cadmium	202	212.5		mg/Kg		105	80 - 120	2	20
Chromium	202	197.8		mg/Kg		98	80 - 120	2	20
Cobalt	202	206.7		mg/Kg		103	80 - 120	3	20
Copper	202	197.5		mg/Kg		98	80 - 120	4	20
Lead	202	203.7		mg/Kg		101	80 - 120	3	20
Molybdenum	202	219.5		mg/Kg		109	80 - 120	2	20
Nickel	202	196.8		mg/Kg		98	80 - 120	3	20
Selenium	202	182.6		mg/Kg		91	80 - 120	3	20
Silver	101	113.3		mg/Kg		112	80 - 120	2	20
Thallium	202	194.3		mg/Kg		96	80 - 120	2	20
Vanadium	202	195.3		mg/Kg		97	80 - 120	3	20
Zinc	202	189.3		mg/Kg		94	80 - 120	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-630839/1-A
Matrix: Solid
Analysis Batch: 631012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630839

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817	0.0225	mg/Kg		09/25/25 09:57	09/25/25 12:19	1

Lab Sample ID: LCS 570-630839/2-A
Matrix: Solid
Analysis Batch: 631012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630839

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.377	0.3327		mg/Kg		88	80 - 120

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-630839/3-A
Matrix: Solid
Analysis Batch: 631012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 630839

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.377	0.3243		mg/Kg		86	80 - 120	3	20

Lab Sample ID: 570-246746-17 MS
Matrix: Solid
Analysis Batch: 631012

Client Sample ID: CS-1
Prep Type: Total/NA
Prep Batch: 630839

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.385	0.3547		mg/Kg		92	75 - 125		

Lab Sample ID: 570-246746-17 MSD
Matrix: Solid
Analysis Batch: 631012

Client Sample ID: CS-1
Prep Type: Total/NA
Prep Batch: 630839

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.385	0.3470		mg/Kg		90	75 - 125	2	20

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

GC/MS VOA

Analysis Batch: 627142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-1	SS-1A	Total/NA	Solid	Composite	
570-246746-2	SS-1B	Total/NA	Solid	Composite	
570-246746-3	SS-1C	Total/NA	Solid	Composite	
570-246746-4	SS-1D	Total/NA	Solid	Composite	
570-246746-5	SS-2A	Total/NA	Solid	Composite	
570-246746-6	SS-2B	Total/NA	Solid	Composite	
570-246746-7	SS-2C	Total/NA	Solid	Composite	
570-246746-8	SS-2D	Total/NA	Solid	Composite	
570-246746-9	SS-3A	Total/NA	Solid	Composite	
570-246746-10	SS-3B	Total/NA	Solid	Composite	
570-246746-11	SS-3C	Total/NA	Solid	Composite	
570-246746-12	SS-3D	Total/NA	Solid	Composite	
570-246746-13	SS-4A	Total/NA	Solid	Composite	
570-246746-14	SS-4B	Total/NA	Solid	Composite	
570-246746-15	SS-4C	Total/NA	Solid	Composite	
570-246746-16	SS-4D	Total/NA	Solid	Composite	

Analysis Batch: 628406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	8260B	628432
570-246746-18	CS-2	Total/NA	Solid	8260B	628432
570-246746-19	CS-3	Total/NA	Solid	8260B	628432
570-246746-20	CS-4	Total/NA	Solid	8260B	628432
MB 570-628432/3-A	Method Blank	Total/NA	Solid	8260B	628432
LCS 570-628432/1-A	Lab Control Sample	Total/NA	Solid	8260B	628432
LCSD 570-628432/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	628432

Prep Batch: 628432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	5030C	
570-246746-18	CS-2	Total/NA	Solid	5030C	
570-246746-19	CS-3	Total/NA	Solid	5030C	
570-246746-20	CS-4	Total/NA	Solid	5030C	
MB 570-628432/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-628432/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-628432/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

GC VOA

Analysis Batch: 628671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	8015B	628692
570-246746-18	CS-2	Total/NA	Solid	8015B	628692
570-246746-19	CS-3	Total/NA	Solid	8015B	628692
570-246746-20	CS-4	Total/NA	Solid	8015B	628692
MB 570-628692/3-A	Method Blank	Total/NA	Solid	8015B	628692
LCS 570-628692/1-A	Lab Control Sample	Total/NA	Solid	8015B	628692
LCSD 570-628692/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B	628692

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

GC VOA

Prep Batch: 628692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	5030C	
570-246746-18	CS-2	Total/NA	Solid	5030C	
570-246746-19	CS-3	Total/NA	Solid	5030C	
570-246746-20	CS-4	Total/NA	Solid	5030C	
MB 570-628692/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-628692/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-628692/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

GC Semi VOA

Prep Batch: 628060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	3546	
570-246746-18	CS-2	Total/NA	Solid	3546	
570-246746-19	CS-3	Total/NA	Solid	3546	
570-246746-20	CS-4	Total/NA	Solid	3546	
MB 570-628060/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-628060/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 570-628060/6-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-628060/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 570-628060/7-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 629886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	3550C	
570-246746-18	CS-2	Total/NA	Solid	3550C	
570-246746-19	CS-3	Total/NA	Solid	3550C	
570-246746-20	CS-4	Total/NA	Solid	3550C	
MB 570-629886/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-629886/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-629886/8-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-629886/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-629886/9-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 630624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-628060/1-A	Method Blank	Total/NA	Solid	8081B	628060
LCS 570-628060/2-A	Lab Control Sample	Total/NA	Solid	8081B	628060
LCSD 570-628060/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	628060

Analysis Batch: 630877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	8015B	629886
570-246746-18	CS-2	Total/NA	Solid	8015B	629886
570-246746-19	CS-3	Total/NA	Solid	8015B	629886
570-246746-20	CS-4	Total/NA	Solid	8015B	629886
MB 570-629886/1-A	Method Blank	Total/NA	Solid	8015B	629886
LCS 570-629886/2-A	Lab Control Sample	Total/NA	Solid	8015B	629886
LCS 570-629886/8-A	Lab Control Sample	Total/NA	Solid	8015B	629886
LCSD 570-629886/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	629886
LCSD 570-629886/9-A	Lab Control Sample Dup	Total/NA	Solid	8015B	629886

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

GC Semi VOA

Analysis Batch: 630914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-628060/1-A	Method Blank	Total/NA	Solid	8082	628060
LCS 570-628060/6-A	Lab Control Sample	Total/NA	Solid	8082	628060
LCSD 570-628060/7-A	Lab Control Sample Dup	Total/NA	Solid	8082	628060

Analysis Batch: 631293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	8081B	628060
570-246746-18	CS-2	Total/NA	Solid	8081B	628060
570-246746-19	CS-3	Total/NA	Solid	8081B	628060
570-246746-20	CS-4	Total/NA	Solid	8081B	628060

Analysis Batch: 631526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	8082	628060
570-246746-18	CS-2	Total/NA	Solid	8082	628060
570-246746-19	CS-3	Total/NA	Solid	8082	628060
570-246746-20	CS-4	Total/NA	Solid	8082	628060

Metals

Prep Batch: 627377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	3051A	
570-246746-18	CS-2	Total/NA	Solid	3051A	
570-246746-19	CS-3	Total/NA	Solid	3051A	
570-246746-20	CS-4	Total/NA	Solid	3051A	
MB 570-627377/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-627377/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-627377/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 627688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	6020	627377
570-246746-18	CS-2	Total/NA	Solid	6020	627377
570-246746-19	CS-3	Total/NA	Solid	6020	627377
570-246746-20	CS-4	Total/NA	Solid	6020	627377
MB 570-627377/1-A	Method Blank	Total/NA	Solid	6020	627377
LCS 570-627377/2-A	Lab Control Sample	Total/NA	Solid	6020	627377
LCSD 570-627377/3-A	Lab Control Sample Dup	Total/NA	Solid	6020	627377

Prep Batch: 630839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	7471A	
570-246746-18	CS-2	Total/NA	Solid	7471A	
570-246746-19	CS-3	Total/NA	Solid	7471A	
570-246746-20	CS-4	Total/NA	Solid	7471A	
MB 570-630839/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-630839/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-630839/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-246746-17 MS	CS-1	Total/NA	Solid	7471A	
570-246746-17 MSD	CS-1	Total/NA	Solid	7471A	

QC Association Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Metals

Analysis Batch: 631012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-17	CS-1	Total/NA	Solid	7471A	630839
570-246746-18	CS-2	Total/NA	Solid	7471A	630839
570-246746-19	CS-3	Total/NA	Solid	7471A	630839
570-246746-20	CS-4	Total/NA	Solid	7471A	630839
MB 570-630839/1-A	Method Blank	Total/NA	Solid	7471A	630839
LCS 570-630839/2-A	Lab Control Sample	Total/NA	Solid	7471A	630839
LCSD 570-630839/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	630839
570-246746-17 MS	CS-1	Total/NA	Solid	7471A	630839
570-246746-17 MSD	CS-1	Total/NA	Solid	7471A	630839

Organic Prep

Analysis Batch: 627143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246746-1	SS-1A	Total/NA	Solid	Composite	
570-246746-2	SS-1B	Total/NA	Solid	Composite	
570-246746-3	SS-1C	Total/NA	Solid	Composite	
570-246746-4	SS-1D	Total/NA	Solid	Composite	
570-246746-5	SS-2A	Total/NA	Solid	Composite	
570-246746-6	SS-2B	Total/NA	Solid	Composite	
570-246746-7	SS-2C	Total/NA	Solid	Composite	
570-246746-8	SS-2D	Total/NA	Solid	Composite	
570-246746-9	SS-3A	Total/NA	Solid	Composite	
570-246746-10	SS-3B	Total/NA	Solid	Composite	
570-246746-11	SS-3C	Total/NA	Solid	Composite	
570-246746-12	SS-3D	Total/NA	Solid	Composite	
570-246746-13	SS-4A	Total/NA	Solid	Composite	
570-246746-14	SS-4B	Total/NA	Solid	Composite	
570-246746-15	SS-4C	Total/NA	Solid	Composite	
570-246746-16	SS-4D	Total/NA	Solid	Composite	

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-1A
Date Collected: 09/16/25 10:30
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-1B
Date Collected: 09/16/25 10:36
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-1C
Date Collected: 09/16/25 10:41
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-1D
Date Collected: 09/16/25 10:46
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-2A
Date Collected: 09/16/25 10:55
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-2B
Date Collected: 09/16/25 10:59
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-2C
Date Collected: 09/16/25 11:04
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-2D
Date Collected: 09/16/25 11:09
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-3A
Date Collected: 09/16/25 11:21
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-3B
Date Collected: 09/16/25 11:25
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-3C
Date Collected: 09/16/25 11:29
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-3D
Date Collected: 09/16/25 11:33
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-4A
Date Collected: 09/16/25 11:43
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-4B
Date Collected: 09/16/25 11:48
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: SS-4C
Date Collected: 09/16/25 11:52
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: SS-4D

Date Collected: 09/16/25 11:58
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			627142	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									
Total/NA	Analysis	Composite		1			627143	09/17/25 15:00	USUL	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: CS-1

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-17

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	5030C			5.20 g	5 mL	628432	09/20/25 08:30	AH8S	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	628406	09/20/25 14:09	AH8S	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	5030C			5.04 g	5 mL	628692	09/21/25 15:17	YD9V	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	628671	09/21/25 19:43	YD9V	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3550C			10.14 g	10 mL	629886	09/25/25 10:00	S8LD	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	630877	09/25/25 18:36	NR	EET CAL 4
	Instrument ID: GC47B									
Total/NA	Prep	3546			20.07 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8081B		1	1 mL	1 mL	631293	09/26/25 15:50	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.07 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	631526	09/26/25 13:58	SP9M	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3051A			0.5932 g	50 mL	627377	09/18/25 10:11	SXN8	EET CAL 4
Total/NA	Analysis	6020		5			627688	09/18/25 18:22	P1R	EET CAL 4
	Instrument ID: ICPMS11									
Total/NA	Prep	7471A			0.51 g	50 mL	630839	09/25/25 09:57	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			631012	09/25/25 12:25	JP8N	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: CS-2

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.20 g	5 mL	628432	09/20/25 08:30	AH8S	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	628406	09/20/25 14:30	AH8S	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	5030C			5.21 g	5 mL	628692	09/21/25 15:17	YD9V	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	628671	09/21/25 20:07	YD9V	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3550C			10.22 g	10 mL	629886	09/25/25 10:00	S8LD	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	630877	09/25/25 18:57	NR	EET CAL 4
	Instrument ID: GC47B									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-2

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.06 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8081B		1	1 mL	1 mL	631293	09/26/25 16:05	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.06 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	631526	09/26/25 14:11	SP9M	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3051A			0.4853 g	50 mL	627377	09/18/25 10:11	SXN8	EET CAL 4
Total/NA	Analysis	6020		5			627688	09/18/25 18:25	P1R	EET CAL 4
	Instrument ID: ICPMS11									
Total/NA	Prep	7471A			0.47 g	50 mL	630839	09/25/25 09:57	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			631012	09/25/25 12:41	JP8N	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: CS-3

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-19

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	5030C			5.20 g	5 mL	628432	09/20/25 08:30	AH8S	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	628406	09/20/25 14:51	AH8S	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	5030C			5.20 g	5 mL	628692	09/21/25 15:17	YD9V	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	628671	09/21/25 20:31	YD9V	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3550C			10.11 g	10 mL	629886	09/25/25 10:00	S8LD	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	630877	09/25/25 19:19	NR	EET CAL 4
	Instrument ID: GC47B									
Total/NA	Prep	3546			20.01 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8081B		1	1 mL	1 mL	631293	09/26/25 16:20	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.01 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	631526	09/26/25 14:25	SP9M	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3051A			0.5561 g	50 mL	627377	09/18/25 10:11	SXN8	EET CAL 4
Total/NA	Analysis	6020		5			627688	09/18/25 18:33	P1R	EET CAL 4
	Instrument ID: ICPMS11									
Total/NA	Prep	7471A			0.52 g	50 mL	630839	09/25/25 09:57	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			631012	09/25/25 12:43	JP8N	EET CAL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Client Sample ID: CS-4

Date Collected: 09/16/25 00:00
Date Received: 09/16/25 13:00

Lab Sample ID: 570-246746-20

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	5030C			5.17 g	5 mL	628432	09/20/25 08:30	AH8S	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	628406	09/20/25 15:12	AH8S	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	5030C			5.08 g	5 mL	628692	09/21/25 15:17	YD9V	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	628671	09/21/25 20:55	YD9V	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3550C			10.00 g	10 mL	629886	09/25/25 10:00	S8LD	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	630877	09/25/25 19:41	NR	EET CAL 4
	Instrument ID: GC47B									
Total/NA	Prep	3546			20.09 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8081B		1	1 mL	1 mL	631293	09/26/25 16:35	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.09 g	10 mL	628060	09/19/25 11:50	XG8M	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	631526	09/26/25 14:38	SP9M	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3051A			0.4875 g	50 mL	627377	09/18/25 10:11	SXN8	EET CAL 4
Total/NA	Analysis	6020		5			627688	09/18/25 18:36	P1R	EET CAL 4
	Instrument ID: ICPMS11									
Total/NA	Prep	7471A			0.50 g	50 mL	630839	09/25/25 09:57	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			631012	09/25/25 12:45	JP8N	EET CAL 4
	Instrument ID: HG8									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Padre Associates, Inc. Job ID: 570-246746-1
Project/Site: Tustin USD-Proposed District Offices SDG: Legacy Road, Tustin CA

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081B	3546	Solid	alpha-Chlordane
8081B	3546	Solid	gamma-Chlordane
8260B	5030C	Solid	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B	5030C	Solid	1,1-Dichloropropene
8260B	5030C	Solid	1,2,3-Trichlorobenzene
8260B	5030C	Solid	1,2,4-Trimethylbenzene
8260B	5030C	Solid	1,3,5-Trimethylbenzene
8260B	5030C	Solid	1,3-Dichloropropane
8260B	5030C	Solid	2,2-Dichloropropane
8260B	5030C	Solid	2-Butanone (MEK)
8260B	5030C	Solid	2-Chlorotoluene
8260B	5030C	Solid	2-Hexanone
8260B	5030C	Solid	Acetone
8260B	5030C	Solid	Isopropylbenzene
8260B	5030C	Solid	p-Isopropyltoluene
8260B	5030C	Solid	Vinyl acetate
Composite		Solid	Composited

Oregon	NELAP		4175	02-02-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Composite		Solid	Composited

Method Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
Composite	Sample Compositing	None	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
8081B	Organochlorine Pesticides (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6020	Metals (ICP/MS)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Padre Associates, Inc.
Project/Site: Tustin USD-Proposed District Offices

Job ID: 570-246746-1
SDG: Legacy Road, Tustin CA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-246746-1	SS-1A	Solid	09/16/25 10:30	09/16/25 13:00	California
570-246746-2	SS-1B	Solid	09/16/25 10:36	09/16/25 13:00	California
570-246746-3	SS-1C	Solid	09/16/25 10:41	09/16/25 13:00	California
570-246746-4	SS-1D	Solid	09/16/25 10:46	09/16/25 13:00	California
570-246746-5	SS-2A	Solid	09/16/25 10:55	09/16/25 13:00	California
570-246746-6	SS-2B	Solid	09/16/25 10:59	09/16/25 13:00	California
570-246746-7	SS-2C	Solid	09/16/25 11:04	09/16/25 13:00	California
570-246746-8	SS-2D	Solid	09/16/25 11:09	09/16/25 13:00	California
570-246746-9	SS-3A	Solid	09/16/25 11:21	09/16/25 13:00	California
570-246746-10	SS-3B	Solid	09/16/25 11:25	09/16/25 13:00	California
570-246746-11	SS-3C	Solid	09/16/25 11:29	09/16/25 13:00	California
570-246746-12	SS-3D	Solid	09/16/25 11:33	09/16/25 13:00	California
570-246746-13	SS-4A	Solid	09/16/25 11:43	09/16/25 13:00	California
570-246746-14	SS-4B	Solid	09/16/25 11:48	09/16/25 13:00	California
570-246746-15	SS-4C	Solid	09/16/25 11:52	09/16/25 13:00	California
570-246746-16	SS-4D	Solid	09/16/25 11:58	09/16/25 13:00	California
570-246746-17	CS-1	Solid	09/16/25 00:00	09/16/25 13:00	California
570-246746-18	CS-2	Solid	09/16/25 00:00	09/16/25 13:00	California
570-246746-19	CS-3	Solid	09/16/25 00:00	09/16/25 13:00	California
570-246746-20	CS-4	Solid	09/16/25 00:00	09/16/25 13:00	California

Loc: 570
246746

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environ

Client Information	Sampler: Lauren Alamillo, Will Wyatt	Lab PM: Tomova, Rossina D	Carrier Tracking No(s):	COC No: 570-140976-28472.1
Client Contact: Alan Churchill	Phone: (805) 212-2220	E-Mail: Rossina.Tomova@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Padre Associates	PWSID:			Job #: 246746
Address: 350 University Ave Suite 250	Due Date Requested: Standard (10 day)			
City: Sacramento	TAT Requested (days): Standard (10 day)			
State, Zip: CA, 95827	Compliance Project: Δ Yes Δ No			
Phone: 916-952-5421	PO #: 2501-0092			
Email: achurchill@padreinc.com	WO #:			
Project Name: Tustin USD-Proposed District Offices	Eurofins Project #: 57026774			
Site: Legacy Road, Tustin, CA	SSOW#:			

Analysis Requested

Preservation Codes:

570-246746 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - Routine Organochlorine Pesticides List	6020 - CAM-17 / Title 22 ICP-MS Metals	7471A - Mercury	8015B_DRO	8015B_GRO - Gasoline Range Organics (C4-C12)	8260B - Routine Volatiles List (Full Spike)	PCBs - 8082	Total Number of cont	Special Instructions/Note:
1 SS-1A	9/16/25	1030	G	Soil											-Composite SS-1A through SS-1D into one sample (CS-1)
2 SS-1B (CS-1 4:1 composite)		1036					X	X	X	X	X	X	X		
3 SS-1C (CS-1 4:1 composite)		1041													
4 SS-1D (CS-1 4:1 composite)		1046													-Composite SS-2A through SS-2D into one sample (CS-2)
5 SS-2A		1055													
6 SS-2B (CS-2 4:1 composite)		1059					X	X	X	X	X	X	X		
7 SS-2C (CS-2 4:1 composite)		1104													
8 SS-2D (CS-2 4:1 composite)		1109													-Composite SS-3A through SS-3D into one sample (CS-3)
9 SS-3A		1121													
10 SS-3B (CS-3 4:1 composite)		1125					X	X	X	X	X	X	X		
11 SS-3C (CS-3 4:1 composite)		1129													
12 SS-3D (CS-3 4:1 composite)		1133													

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Will Wyatt	9/16/25 1300			9/16/25 13:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.2 | 5.6 SCS

Ver: 05/06/2024

UJ6P

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Lauren Alamillo, Will Wyatt	Lab PM: Tomova, Rossina D	Carrier Tracking No(s):	COC No: 570-140976-28472.1
Client Contact: Alan Churchill	Phone: (805) 212-2220	E-Mail: Rossina.Tomova@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Padre Associates	PWSID:			Job #: 246746
Address: 350 University Ave Suite 250	Due Date Requested: Standard (10 day)			
City: Sacramento	TAT Requested (days): Standard (10 day)			
State, Zip: CA, 95827	Compliance Project: Δ Yes Δ No			
Phone: 916-952-5421	PO #: 2501-0092			
Email: achurchill@padreinc.com	WO #:			
Project Name: Tustin USD-Proposed District Offices	Eurofins Project #: 57026774			
Site: Legacy Road, Tustin, CA	SSOW#:			

Analysis Requested

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - Routine Organochlorine Pesticides List	6020 - CAM-17 / Title 22 ICP-MS Metals	7471A - Mercury	8015B_DRO	8015B_GRO - Gasoline Range Organics (C4-C12)	8260B - Routine Volatiles List (Full Spike)	PCBs - 8082	Total Number of containers	Special Instructions/Note:
13	SS-4A	9/16/25	1143	G	Soil											Composite SS-4A
14	SS-4B		1148					X	X	X	X	X	X	X		through SS-4D into
15	SS-4C		1152													one sample (CS-4)
16	SS-4D		1158													
	CS-4 4:1 composite															

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Will Wyatt	9-16-25 1300			9/16/25 1300	ICE
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Padre Associates, Inc.

Job Number: 570-246746-1
SDG Number: Legacy Road, Tustin CA

Login Number: 246746
List Number: 1
Creator: Le, Sunny

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.	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	