



Phase II Environmental Site Assessment

1201 – 1223 South State College Boulevard
Fullerton, California

July 6, 2021

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

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Executive Summary

Stantec Consulting Services Inc. (Stantec) has prepared this Phase II Environmental Site Assessment (ESA) report on behalf of GLC Fullerton LLC (the “Client”) for the property addressed as 1201 – 1223 South State College Boulevard, County of Orange, City of Fullerton, California (the “Property”, **Figure 1**).

The Property comprises an area of approximately 1.3 acres and is developed with an approximately 24,600 square foot single-story, multi-tenant commercial/industrial building with paved parking and travel areas. The building contains twelve (12) units addressed as 1201 through 1223 South State College Boulevard, which are occupied by various commercial businesses and hobby/recreation groups (**Figure 2**). The units and their uses are presented in the table below:

Unit Number	Business/Tenant Name	Description of Use
1201	Red Code Fast Pitch	Batting cages
1203	Fullerton Police Officer’s Association	Recreation unit
1205	Racebred Components	Office and small parts storage for automotive design
1207	Orange County Catering	Kitchen for catering service
1209	Keith Denato	Hobby/recreation unit
1211	California Street Vans	Hobby shop for specialty van modification and light maintenance
1213	Gary Monnig	Hobby/recreation unit
1215	ConcreteWorks	Office and warehouse
1217	Keith Denato	Equipment storage
1219	Albert Air	Heating and cooling installation/repair (office and warehouse)
1221	MRB Custom Sofas	Furniture assembly and re-upholstery
1223	Robert Wojdynski	Warehouse for antiques/collectables

Prior to development the Property was an orchard. Building records indicate that the existing structure was constructed in 1960 and completed in 1961. Historical city directory listings indicate that the building has been occupied by multiple commercial tenants including labs, offices, a sheet metal company, and light manufacturing/repair. Given the size of the units, lack of drains, and absence of former exhaust systems, commercial/industrial activities in the units at the Property appear to have been minor and mostly used for assembly and storage.

Based on information on aerial photographs, the orchards appear to have been part of a larger orchard operation that included the neighboring Kimberly Clark Corporation (KCC) parcels, located west and north



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of the Property. Stantec conducted Phase II ESA investigations to assess the orchards and sampled for constituents of concern (pesticides, arsenic, and lead) on the KCC parcels. Therefore, the pesticide, arsenic, and lead sampling that was performed on the KCC site are considered representative of the Property since the same orchards occupied both properties. The sampling on the KCC site identified only trace concentrations of pesticides (*i.e.*, slightly above laboratory reporting limits) at two locations, and non-detect concentrations (*i.e.*, below laboratory reporting limits) at the remaining locations. Additionally, lead was not detected above health risk screening levels and arsenic concentrations were within the range considered to be naturally occurring in California. As a result, no further investigation is recommended regarding the former agricultural use of the Property.

Stantec is in the process of completing a Phase I ESA for the Property. In addition to past agricultural use, the Phase I ESA found the following recognized environmental conditions (RECs) in connection with the Property:

- **Regional Groundwater Plume:** The Property is located within the boundaries of the Orange County North Basin National Priorities List Superfund Site. Groundwater beneath the Property is believed to be impacted by volatile organic compounds (VOCs) related to the regional plume. The Property is located in the Fullerton Sub-Area of the Orange County North Basin. Nine potentially responsible party (PRP) sites have been identified in this sub-area which are located northwest of the Kimberly Avenue and S. State College Boulevard intersection, or along the southside of Orangethorpe Avenue. The groundwater impacts are the result of spills and leaks from historical industrial activities in the region. The documented VOC regional groundwater impacts from off-Property sources constitute a potential vapor encroachment condition (pVEC) to the Property.

Stantec recommended investigating soil vapor conditions on the Property to evaluate whether VOCs in soil vapor emanating from the regional plume may be present above commercial use thresholds that would require further assessment and/or mitigation.

- **Past Commercial Uses:** Historical city directories indicate multiple commercial businesses have operated in the units at the Property dating back to the 1960s. These commercial businesses included a molding company, a sheet metal company, tool and fastener businesses, a printing/graphics shop, a laboratory, machine shop, and landscaping. No specific information is available on these sites and there was no evidence of floor drains, patchwork, clarifiers, or chemical storage tanks noted during the Property visit.

Given that various commercial businesses have occupied the Property since the early 1960s, Stantec recommended investigating soil vapor conditions within the Property building to evaluate whether releases occurred at the Property that may result in increased liability related to the ongoing Superfund action, and whether any release may have occurred from these past uses that would require further action or mitigation.

To investigate these RECs, Stantec performed a Phase II ESA at the Property.



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Phase II ESA Summary

On May 13, 2021, Stantec personnel oversaw the advancement of six (6) soil vapor borings (SV-1 through SV-6) around the exterior of the Property building, and the installation of two (2) sub-slab sampling points (SS-1 and SS-2) within the interior of the Property building. Stantec returned to the Property on May 18, 2021 to oversee the soil vapor and sub-slab vapor sampling. Following the soil vapor and sub-slab sampling, all soil vapor and sub-slab sampling points were removed from the subsurface. Soil borings are depicted on **Figure 2**.

Soils encountered during this assessment generally consisted of silty sand with occasional clay in the upper five feet, and poorly graded sand from approximately five feet to fifteen feet, the maximum depth explored during this investigation. All PID readings were measured at 0.0 parts per million by volume (ppmV). Soil borings logs are attached as **Appendix A**.

Laboratory analytical test results from this assessment are attached as **Appendix B**. The laboratory test results from this investigation are discussed below and were compared to the more conservative value between the DTSC Human and Ecologic Risk Office (HERO), Note 3 screening levels for commercial land use (DTSC, 2020), and the USEPA Regional Screening Levels (RSLs) for commercial sites (USEPA, 2020). All soil vapor concentrations are reported and discussed in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), evaluated using an attenuation factor (AF) of 0.03, and summarized in **Table 1**.

The chlorinated compounds tetrachlorethylene (PCE), trichloroethylene (TCE), and chloroform were detected in soil vapor samples during this investigation, as summarized below.

- PCE: up to $50 \mu\text{g}/\text{m}^3$ in soil vapor (SV-5-15 and SV-6-15), and $100 \mu\text{g}/\text{m}^3$ in sub-slab vapor (SS-1).
- TCE: $17 \mu\text{g}/\text{m}^3$ in soil vapor (SV-6-15), and $10 \mu\text{g}/\text{m}^3$ in sub-slab vapor (SS-2).
- Chloroform: $14 \mu\text{g}/\text{m}^3$ in soil vapor (SV-4-15).

Specifically, PCE was detected in a single sample (SS-1) exceeding the respective soil vapor screening levels using an AF of 0.03. The remaining detections of PCE, TCE and chloroform are below their respective commercial-use screening levels.

Conclusions and Recommendations

This investigation has identified the presence of PCE and TCE at low concentrations in soil vapor at the Property. The detected concentrations are very low, and may be influenced by the Orange County North Basin regional groundwater plume. With the exception of one sample (sub-slab sample SS-1), the vapor concentrations are all below the commercial/ industrial screening levels using the most conservative attenuation factor (AF) of 0.03, which DTSC has been using for screening purposes. The concentration of PCE in sub-slab sample SS-1 ($100 \mu\text{g}/\text{m}^3$) slightly exceeds the 0.03 AF commercial screening level of $67 \mu\text{g}/\text{m}^3$, but is well below the official DTSC 2011 AF of 0.001, which is used for risk screening purposes.



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At these levels, vapor intrusion is not considered to be a significant concern and vapor mitigation is not required based on the current concentrations and continued use of the property for commercial industrial purposes, or for the intended future use of the property as a parking lot. Given the presence of a regional groundwater plume, the Client may consider pre-emptive mitigation measures should structures be constructed in the future to mitigate against potential vapor intrusion.



PHASE II ENVIRONMENTAL SITE ASSESSMENT

Introduction

1.0 INTRODUCTION

Stantec Consulting Services Inc. (Stantec) has prepared this Phase II Environmental Site Assessment (ESA) report for the property located at 1201 – 1223 South State College Boulevard, County of Orange, City of Fullerton, California (the “Property”, **Figure 1**), on behalf of GLC Fullerton LLC (the “Client”). The assessment activities presented in this report were completed in accordance with Stantec’s *Proposal to Conduct Screening Level Phase II Environmental Site Assessment; 1201 – 1223 S. State College Boulevard, Fullerton, CA*, dated April 29, 2021. This assessment was performed based on preliminary findings of a Phase I ESA currently in-progress for the Property by Stantec.

1.1 PROPERTY DESCRIPTION AND OPERATIONS

The Property comprises an area of approximately 1.3 acres and is developed with an approximately 24,600 square foot single-story, multi-tenant industrial building with surrounding paved parking lot and driveways. The building contains twelve (12) units addressed as 1201 through 1223 South State College Boulevard which are occupied by various commercial businesses and hobby/recreation groups (**Figure 2**). The units and their uses are presented in the table below:

Unit Number	Business/Tenant Name	Description of Use
1201	Red Code Fast Pitch	Batting cages
1203	Fullerton Police Officer’s Association	Recreation unit
1205	Racebred Components	Office and small parts storage for automotive design
1207	Orange County Catering	Kitchen for catering service
1209	Keith Denato	Hobby/recreation unit
1211	California Street Vans	Hobby shop for specialty van modification and light maintenance
1213	Gary Monnig	Hobby/recreation unit
1215	ConcreteWorks	Office and warehouse
1217	Keith Denato	Equipment storage
1219	Albert Air	Heating and cooling installation/repair (office and warehouse)
1221	MRB Custom Sofas	Furniture assembly and re-upholstery
1223	Robert Wojdowski	Warehouse for antiques/collectables

Prior to development the Property was an orchard. Building records indicate that the existing structure was constructed in 1960 and completed in 1961. Historical city directory listings indicate that the building has been occupied by multiple commercial tenants including labs, offices, a sheet metal company, and light manufacturing/repair. Given the size of the units, lack of drains, and absence of former exhaust systems,



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commercial/industrial activities in the units at the Property appear to have been minor and mostly used for assembly and storage.

Based on information on aerial photographs, the orchards appear to have been part of a larger orchard operation that included the neighboring Kimberly Clark Corporation (KCC) parcels, located west and north of the Property. Stantec conducted Phase II ESA investigations to assess the orchards and sampled for constituents of concern (pesticides, arsenic, and lead) on the KCC parcels. Therefore, the pesticide, arsenic, and lead sampling that was performed on the KCC site are considered representative of the Property since the same orchards occupied both properties. The sampling on the KCC site identified only trace concentrations of pesticides (*i.e.*, slightly above laboratory reporting limits) at two locations, and non-detect concentrations (*i.e.*, below laboratory reporting limits) at the remaining locations. Additionally, lead was not detected above health risk screening levels and arsenic concentrations were within the range considered to be naturally occurring in California. As a result, no further investigation is recommended regarding the former agricultural use of the Property.

1.2 PROPERTY GEOLOGY AND HYDROGEOLOGY

The Property is located in the northern portion of the Peninsular Ranges Geomorphic Province characterized by northwest-southeast trending mountains and faults. The regional surficial geology is described as Holocene to Late Pleistocene age young alluvial-fan deposits consisting of unconsolidated to moderately consolidated silt, sand, cobbles, and boulders common to alluvial fan deposits (USGS, 2006). The nearest known active fault is the El Modeno fault which is located approximately 2.25 miles to the southeast (CGS, 2010a). The Property is not located within a designated Alquist-Priolo Special Studies Zone (CGS, 2010b).

The Property is located in the Coastal Plain of the Orange County (8-001) groundwater basin. The basin is bounded 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 to the northeast; consolidated rocks of the Santa Ana Mountains to the east; and consolidated rocks of the Laguna Hills and San Joaquin Hills to the south. The Pacific Ocean bounds the southwest extent of the basin. (Department of Water Resources [DWR], 2004.)

The Orange County Water District manages the groundwater basin and has identified three aquifers designated as Shallow, Principal, and Deep. The Shallow aquifer is located at a depth of approximately 80 to 120 feet bgs, the Principal aquifer at approximately 200 to 250 feet, and the Deep aquifer is at depths of more than 850 feet bgs. Based on groundwater sample data, the Shallow and Principal aquifers are impacted with various volatile organic compounds (VOCs), consisting primarily of 1,4-Dioxane, tetrachloroethylene (PCE), and PCE breakdown products. The VOC groundwater plume in the Principal aquifer has been confirmed to be several miles long and over a mile wide and has caused the closure of at least five municipal water supply wells.

In 2014 and 2015, state and local agencies requested that EPA assist in cleanup of groundwater contamination that underlies portions of Fullerton, Anaheim, and Placentia which has now been



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designated as the “Orange County North Basin”. The groundwater impacts in the North Basin are the result of spills and leaks from industrial activities over the preceding decades. The EPA is reviewing historical documents and other sources of information to identify Potentially Responsible Parties (PRPs) to assist in funding the cleanup. As part of the remedial investigation/feasibility study (RI/FS) required by the agreement between the EPA and the Orange County Water District (OCWD), OCWD has installed and sampled groundwater monitoring wells and collected other data to help determine the nature and extent of contamination and provide EPA with information needed to develop an initial cleanup plan. According to information available on Geotracker, two of these wells are installed immediately north of the Property along Kimberly Avenue.

Information reviewed on Geotracker related to the Orange County North Basin Superfund Site, including data from the two nearby monitoring wells (MW25 and MW26) along Kimberly Ave (north of the Property), indicates that shallow groundwater in the immediate vicinity of the Property was located at depths of 68 and 63 feet bgs (March 2015), respectively, and flows to the west or southwest.

Soils encountered during this investigation consisted of silty sand and poorly graded sand to a maximum explored depth of fifteen feet below ground surface (bgs). No groundwater was encountered during assessment activities performed during this investigation.



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Background

2.0 BACKGROUND

Stantec is in the process of completing a Phase I ESA for the Property. In addition, to past agricultural use, the Phase I ESA found the following recognized environmental conditions (RECs) in connection with the Property:

- **Regional Groundwater Plume:** The Property is located within the boundaries of the Orange County North Basin National Priorities List Superfund Site. Groundwater beneath the Property is believed to be impacted by volatile organic compounds (VOCs) related to the regional plume. The Property is located in the Fullerton Sub-Area of the Orange County North Basin. Nine potentially responsible party (PRP) sites have been identified in this sub-area which are located northwest of the Kimberly Avenue and S. State College Boulevard intersection, or along the southside of Orangethorpe Avenue. The groundwater impacts are the result of spills and leaks from historical industrial activities in the region. The documented VOC regional groundwater impacts from off-Property sources constitute a potential vapor encroachment condition (pVEC) to the Property.

Stantec recommended investigating soil vapor conditions on the Property to evaluate whether VOCs in soil vapor emanating from the regional plume may be present above commercial use thresholds that would require further assessment and/or mitigation.

- **Past Commercial Uses:** Historical city directories indicate multiple commercial businesses have operated in the units at the Property dating back to the 1960s. These commercial businesses included a molding company, a sheet metal company, tool and fastener businesses, a printing/graphics shop, a laboratory, machine shop, and landscaping. No specific information is available on these sites and there was no evidence of floor drains, patchwork, clarifiers, or chemical storage tanks noted during the Property visit.

Given that various commercial businesses have occupied the Property since the early 1960s, Stantec recommended investigating soil vapor conditions within the Property building to evaluate whether releases occurred at the Property that may result in increased liability related to the ongoing Superfund action, and whether any release may have occurred from these past uses that would require further action or mitigation.

To investigate these RECs, Stantec performed a Phase II ESA at the Property.



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Field Investigation

3.0 FIELD INVESTIGATION

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

3.1 PRE-DRILLING ACTIVITIES

- Stantec visited the Property to mark the proposed boring locations. Subsequent to the marking, Stantec notified Underground Service Alert (USA) of Southern California at least 48-hours prior to the commencement of drilling activities; and,
- In accordance with federal Occupational Safety and Health Administration (OSHA) regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the Property. All Stantec personnel and subcontractors associated with the project were required to be familiar with and comply with all provisions of the HASP.

3.2 INVESTIGATION

On May 13, 2021, Stantec supervised and directed the advancement of multiple soil vapor borings and sub-slab sampling points at the Property. All work was conducted under the direct oversight of a State of California professional and included the following:

- Advancement of six (6) soil vapor borings (SV-1 through SV-6) located around the exterior of the Property buildings; and,
- Installation of two (2) sub-slab sampling points (SS-1 and SS-2), located within the interior of the Property building.

All boring locations advanced during this investigation are depicted on **Figure 2**. Soil boring logs are attached as **Appendix A**.

3.2.1 Soil Boring Procedures

A hand auger was used for utility clearance purposes to a depth of five feet bgs within each soil vapor boring location.

Once the five-foot depth has been reached, advancement of borings SV-1 through SV-6 was performed using a Geoprobe direct push rig. During advancement, sampling of subsurface soils was performed starting at a depth of approximately five feet bgs. All of the direct push borings were advanced and sampled using a Geoprobe 6620DT rig equipped with 4-foot-long by 1.25-inch inner-diameter sampler with acetate sample liners to the terminal depth of the borehole.

At each sampling interval, the sampler was driven into undisturbed soil using a hydraulic ram on the Geoprobe rig. Upon advancement of the sampler through the desired sampling depth interval, the sample



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liner was retrieved from the boring. The drilling and sampling sequences was then repeated at 5 feet intervals for the entire depth of the boring.

The soils from each of the direct push borings were visually examined by Stantec field personnel who classified the soils in accordance with the Unified Soil Classification System (USCS). A photo-ionization detector (PID) was used to monitor/field screen the soils collected. Field screening for VOCs was achieved by removing the soil from the uppermost sample sleeve and placing it in a zip-lock type baggie. A PID probe was inserted into the baggie to monitor the headspace for VOC vapors.

3.2.2 Soil Vapor Probe Installation

At the completion of drilling to target depth, soil vapor borings SV-1 through SV-6 were converted to multi-depth soil vapor monitoring points at the five- and fifteen-foot depth intervals. Subsurface soil vapor probe installation was performed in accordance with the July 2015 DTSC “Advisory - Active Soil Gas Investigations” (DTSC Advisory).

Each sample probe was constructed with a 1-inch-long Airstone sampling screen set at the prescribed sampling intervals. Each of the sampling screens was constructed with a permeable Airstone vapor tip connected to ¼-inch outer diameter Nylaflow tubing that was lowered to the bottom of the borehole and backfilled with filter sand, until approximately 12-inches of filter pack was placed. A transition seal consisting of approximately 12-inches of dry bentonite was then placed above the filter pack, followed by an annular seal consisting of hydrated bentonite until the next sampling interval was reached. The sequence was then repeated to install the second monitoring point, and/ or completely backfill the borehole. At the surface, the exposed nylon tubing was capped with tight fitting plastic endcaps and labeled to indicate sampling depth, and covered with plastic sheeting to protect against rainfall events. After placement of the soil vapor sample probes on May 13, 2021, subsurface conditions were allowed to equilibrate more than the DTSC minimum of 48-hours prior to leak testing and sample collection on May 18, 2021.

3.2.3 Sub-Slab Vapor Point Installation

Two (2) semi-permanent sub-slab vapor probes (SS-1 and SS-2) were installed in the concrete floor of the Property building. The probe installation and sampling activities were completed in accordance with the DTSC *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, dated October 2011.

Vapor Pins® manufactured by Cox-Colvin were installed by drilling a small-diameter outer hole (approximately 3/4-inch-diameter) approximately two inches into the slab using a commercial rotary hammer drill. Dust and loose cuttings generated during drilling were collected with a portable vacuum, and care was taken to avoid applying suction directly (vertically) to the hole. The probe assembly was fitted with the manufacturer-supplied silicon sleeve to ensure an air-tight seal, and driven into the 3/4-inch diameter hole in the concrete slab.



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Field Investigation

3.2.4 Soil Vapor and Sub-Slab Sampling

Soil vapor samples were collected on May 18, 2021 in accordance with the methods and procedures outlined by the DTSC Advisory, a minimum of 48-hours after installation in order to allow for equilibration.

Prior to sampling, a shut-in test was conducted on the sampling train to ensure all connections and fittings were airtight. The shut-in test was performed on the sampling train by applying a vacuum of 100 inches of water to the sampling train and monitoring magnehelic gauges for a pressure drop for one minute. If loss of vacuum was observed, the fittings were adjusted as needed until no vacuum loss was observed during subsequent shut-in tests.

After the sampling equipment passed the shut-in test, the probes were purged using an air pump outfitted with a low-flow module to remove internal air from the sample train (calculated from the internal volume of the tubing and probe tip); the void space of the sand pack around the probe tip; and the void space of the dry bentonite (in the annular space). Three internal volumes were purged from each sampling location at a rate less than 200 milliliters per minute (ml/min).

Immediately following purging the internal volumes, the soil vapor samples were collected by Stantec staff into laboratory-provided pre-cleaned Summa® canisters using a flow controller set to 200 ml/min. A tracer compound of isopropanol (IPA) was placed above the surface seal and along the sampling train to evaluate the integrity of the seal. No tracer compounds were detected in the soil vapor samples collected during this investigation. Soil vapor sample analysis is discussed in Section 4.0.

3.2.5 Field Equipment Cleaning Procedures

To maintain quality control during drilling operations, all drill rods and reusable soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse. The disposable acetate soil sample liners were used for one sampling interval and then discarded.



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Laboratory Testing Program

4.0 LABORATORY TESTING PROGRAM

Soil vapor samples collected during this investigation were delivered under chain of custody and analyzed by an on-site laboratory, operated by A&R Laboratories, Inc. (ARL), based out of Ontario, California. All soil vapor samples were submitted for analysis of VOCs by USEPA test method 8260. The ARL laboratory data report is attached as **Appendix B**.



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Investigation Results

5.0 INVESTIGATION RESULTS

5.1 FIELD OBSERVATIONS

On May 13, 2021, Stantec personnel oversaw the advancement of six (6) soil vapor borings (SV-1 through SV-6) around the exterior of the Property building, and the installation of two (2) sub-slab sampling points (SS-1 and SS-2) within the interior of the Property building. Stantec returned to the Property on May 18, 2021 to oversee the soil vapor and sub-slab vapor sampling. Following the soil vapor and sub-slab sampling, all soil vapor and sub-slab sampling points were removed from the subsurface. All soil borings are depicted on **Figure 2**.

Soils encountered during this assessment generally consisted of silty sand with occasional clay in the upper five feet, and poorly graded sand from approximately five feet to fifteen feet, the maximum depth explored during this investigation. All PID readings were measured at 0.0 parts per million by volume (ppmV). Soil borings logs are attached as **Appendix A**.

5.2 ANALYTICAL RESULTS

Laboratory analytical test results from this assessment are attached as **Appendix B**. The laboratory test results from this investigation are discussed below and were compared to the more conservative value between the DTSC Human and Ecologic Risk Office (HERO), Note 3 screening levels for commercial land use (DTSC, 2020), and the USEPA Regional Screening Levels (RSLs) for commercial sites (USEPA, 2020). All soil vapor concentrations are reported and discussed in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), evaluated using an attenuation factor (AF) of 0.03, and summarized in **Table 1**.

5.2.1 Soil Vapor Results

The chlorinated compounds PCE, TCE, and chloroform were detected in soil vapor samples during this investigation, as summarized below.

- PCE: up to $50 \mu\text{g}/\text{m}^3$ in soil vapor (SV-5-15 and SV-6-15), and $100 \mu\text{g}/\text{m}^3$ in sub-slab vapor (SS-1).
- TCE: $17 \mu\text{g}/\text{m}^3$ in soil vapor (SV-6-15), and $10 \mu\text{g}/\text{m}^3$ in sub-slab vapor (SS-2).
- Chloroform: $14 \mu\text{g}/\text{m}^3$ in soil vapor (SV-4-15).

Specifically, PCE was detected in a single sample (SS-1) exceeding its respective soil vapor screening level using an AF of 0.03. The remaining detections of PCE, TCE and chloroform are below their respective commercial-use screening levels.



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Conclusions and Recommendations

6.0 CONCLUSIONS AND RECOMMENDATIONS

This investigation has identified the presence of PCE and TCE at low concentrations in soil vapor at the Property. The detected concentrations are very low, and may be influenced by the Orange County North Basin regional groundwater plume. With the exception of one sample (sub-slab sample SS-1), the vapor concentrations are all below the commercial/ industrial screening levels using the most conservative attenuation factor (AF) of 0.03, which DTSC has been using for screening purposes. The concentration of PCE in sub-slab sample SS-1 ($100 \mu\text{g}/\text{m}^3$) slightly exceeds the 0.03 AF commercial screening level of $67 \mu\text{g}/\text{m}^3$, but is well below the official DTSC 2011 AF of 0.001, which is used for risk screening purposes.

At these levels, vapor intrusion is not considered to be a significant concern and vapor mitigation is not required based on the current concentrations and continued use of the property for commercial industrial purposes, or for the intended future use of the property as a parking lot. Given the presence of a regional groundwater plume, the Client may consider pre-emptive mitigation measures should structures be constructed in the future to mitigate against potential vapor intrusion.



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Limitations

7.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on data described in this report. The opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change.



TABLES



Table 1
Summary of Soil Vapor Analytical Results
1201 - 1223 South State College Boulevard
Fullerton, CA
Stantec Project Number: 185805186

Sample ID ⁽¹⁾	Sample Date	Sample Depth	Benzene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Other VOCs
DTSC HERO Note 3 MIASL (0.03 Attenuation Factor) ⁽²⁾			14.0	66.7	NE	1167	11,667	5.3	varies
DTSC HERO Note 3 MIASL (0.001 Attenuation Factor) ⁽²⁾			420	2000	NE	35000	350000	160	varies
US EPA Region 9 MIASL (0.03 Attenuation Factor) ⁽³⁾			53	1567	100	NE	NE	93	varies
US EPA Region 9 MIASL (0.001 Attenuation Factor) ⁽³⁾			1600	47000	3000	NE	NE	2800	varies
Soil Vapor Samples									
SV-1-5'	5/18/2021	5	<3.1	21	<6.5	<6.5	<6.5	<1.0	<varies
SV-1-5 DUP	5/18/2021	5	<3.1	15	<6.5	<6.5	<6.5	<1.0	<varies
SV-1-15'	5/18/2021	15	<3.1	30	<6.5	<6.5	<6.5	<1.0	<varies
SV-2-5'	5/18/2021	5	<3.1	28	<6.5	<6.5	<6.5	<1.0	<varies
SV-2-15'	5/18/2021	15	<3.1	27	<6.5	<6.5	<6.5	<1.0	<varies
SV-3-5'	5/18/2021	5	<3.1	14	<6.5	<6.5	<6.5	<1.0	<varies
SV-3-15'	5/18/2021	15	<3.1	18	<6.5	<6.5	<6.5	<1.0	<varies
SV-4-5'	5/18/2021	5	<3.1	18	<6.5	<6.5	<6.5	<1.0	<varies
SV-4-15'	5/18/2021	15	<3.1	19	<6.5	<6.5	<6.5	<1.0	chloroform: 14
SV-5-5'	5/18/2021	5	<3.1	40	<6.5	<6.5	<6.5	<1.0	<varies
SV-5-15'	5/18/2021	15	<3.1	50	<6.5	<6.5	<6.5	<1.0	<varies
SV-6-5'	5/18/2021	5	<3.1	14	<6.5	<6.5	<6.5	<1.0	<varies
SV-6-15'	5/18/2021	15	<3.1	50	17	<6.5	<6.5	<1.0	<varies
Sub-Slab Samples									
SS-1	5/18/2021	sub-slab	<3.1	100	<6.5	<6.5	<6.5	<1.0	<varies
SS-2	5/18/2021	sub-slab	<3.1	60	10	<6.5	<6.5	<1.0	<varies

Notes:

All results reported in microgram per cubic meter (µg/m³)

(1) Sample collected via 250ml glass bulb

(2) Commercial/Industrial DTSC HERO HHRA Note #3 (April 2019)

(3) Commercial/Industrial Screening Level (SL) USEPA Region 9 Regional Screening Levels (RSL - April 2019)

" < " Indicates concentration reported below Method Detection Limit

BOLD Indicates concentration reported above Method Detection Limit

" J " Indicates concentration reported above Method Detection Limit, and below Reporting Limit

highlight indicates that the sample result exceeds screening level

Abbreviations:

DCA - Dichloroethane

DCE - Dichloroethene

DTSC - Department of Toxic Substance Control

HERO - Human and Ecological Risk Office Human Health Risk Assessment

MIASL - Modified Indoor Air Screening Level

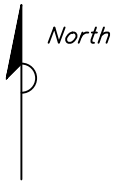
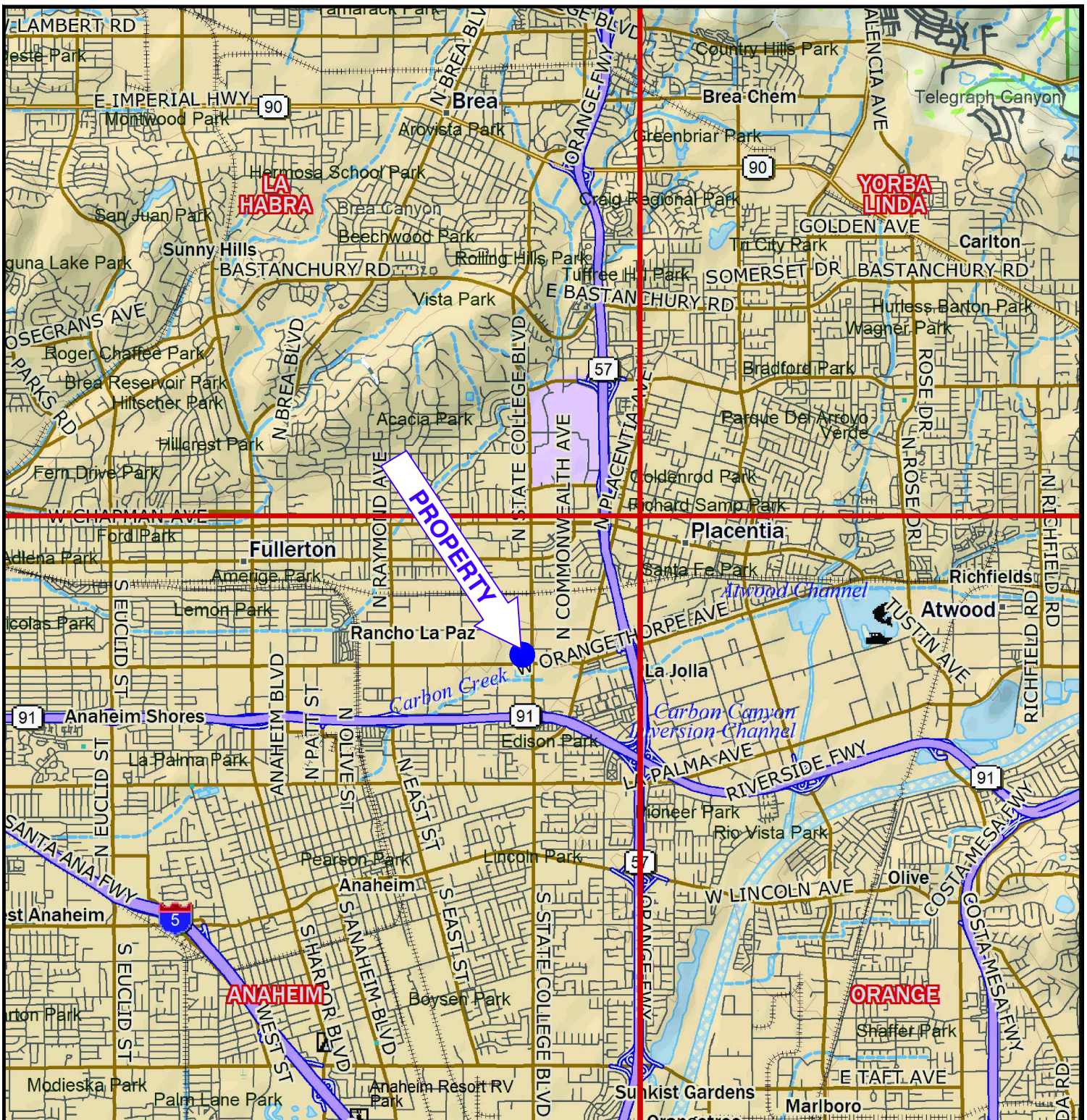
NE - Not Established

PCE - Tetrachloroethene

TCE - Trichloroethene

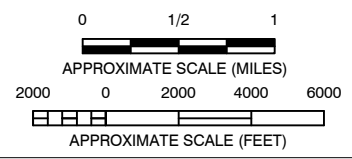
FIGURES






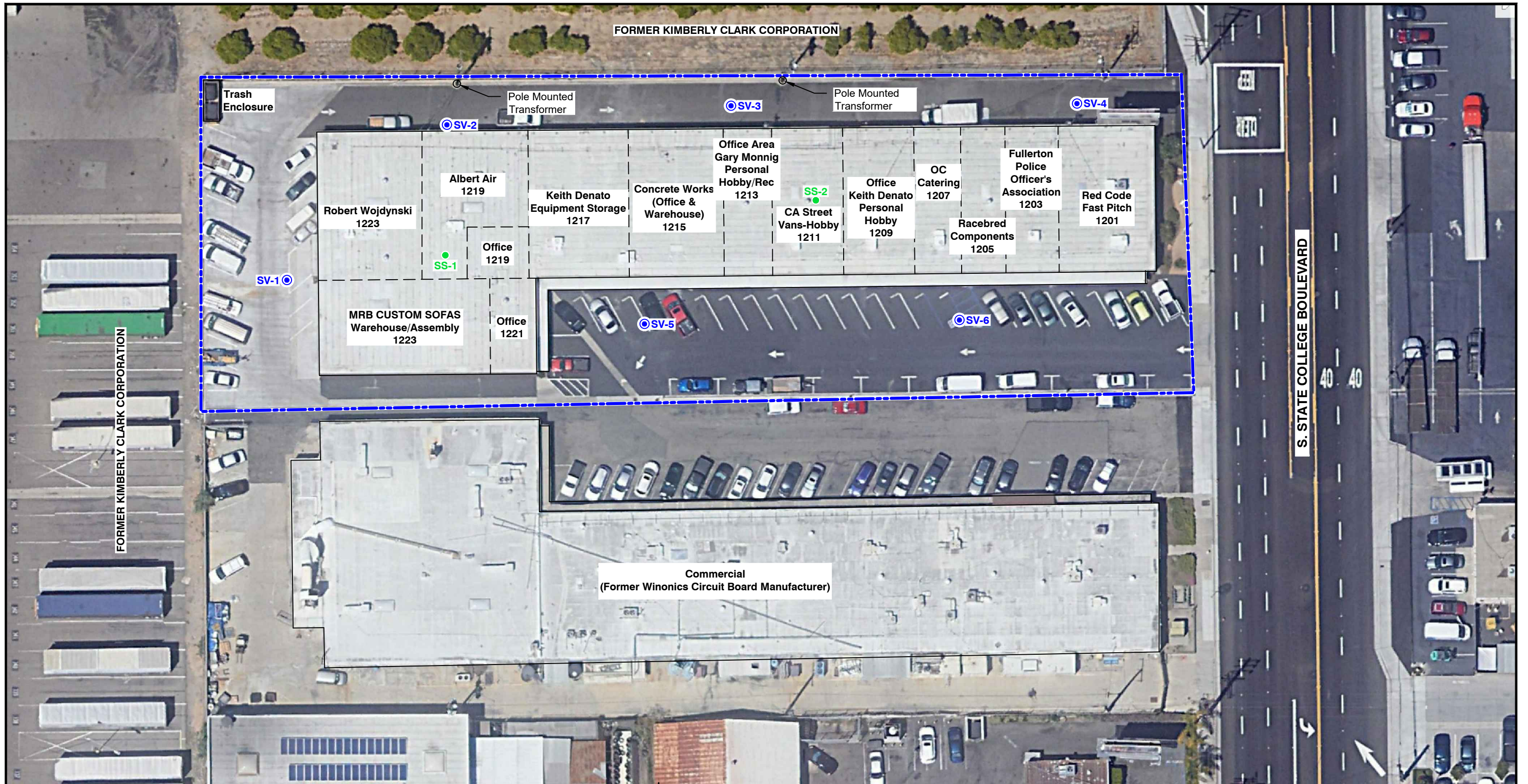
CALIFORNIA

REFERENCE: DELORME TOPO MAP, ANAHEIM, CALIFORNIA

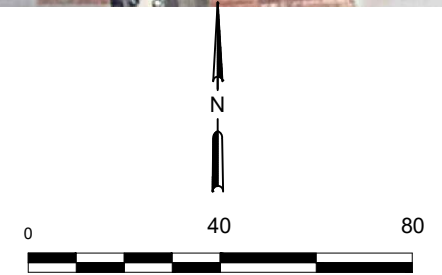


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 Stantec 735 E. CARNEGIE DRIVE, SUITE 280 SAN BERNARDINO, CA 92408 www.stantec.com	GNAP DEVELOPMENT, LLC 1223 S. STATE COLLEGE BOULEVARD FULLERTON, CALIFORNIA		PROPERTY LOCATION MAP		FIGURE: 1
	JOB NUMBER: 185805186	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: KM	DATE: 05/21/21



- LEGEND:**
- - - - APPROXIMATE PROPERTY BOUNDARY
 - SOIL VAPOR BORING LOCATION
 - SUB-SLAB BORING LOCATION



REFERENCE: GOOGLE EARTH PRO AND STANTEC FIELD NOTES.

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

<p>Stantec 735 E. CARNEGIE DRIVE, SUITE 280 SAN BERNARDINO, CA 92408 www.stantec.com</p>	<p>GNAP DEVELOPMENT, LLC 1223 S. STATE COLLEGE BOULEVARD FULLERTON, CALIFORNIA</p>		<p>PROPERTY PLAN</p>		<p>FIGURE: 2</p>
	<p>JOB NUMBER: 185805186</p>	<p>DRAWN BY: STA</p>	<p>CHECKED BY: DM</p>	<p>APPROVED BY: KM</p>	<p>DATE: 05/28/21</p>

APPENDIX A

Soil Boring Logs



PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-1 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft): EASTING (ft):
 LATITUDE: LONGITUDE:
 GROUND ELEV (ft): TOC ELEV (ft):
 INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
 STATIC DTW (ft): **NE** WELL DEPTH (ft): ---
 WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): **2.25**
 LOGGED BY: **MFB** CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			6" Concrete							
		SM	SILTY SAND ; SM; 7.5YR3/4 dark brown; fine to medium-grained; moist; no odor; no staining; some silt; trace coarse sand SAME AS ABOVE ; 7.5YR 3/2 dark brown			4				
5			SAME AS ABOVE ; decreasing fines		--			0.0	5	<ul style="list-style-type: none"> x2 - 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine-grained; moist; no odor; no staining; few fines			4				
10			SAME AS ABOVE ; fine to medium-grained; decreasing fined (trace-few) SAME AS ABOVE ; fine to coarse-grained; few to little fine to coarse gravel SAME AS ABOVE ; few fine gravel		--	4		0.0	10	<ul style="list-style-type: none"> 1/4" Nylaflo Tubing in Hydrated Granular Bentonite
15			SAME AS ABOVE ; fine to medium-grained		--	3.5		0.0	15	<ul style="list-style-type: none"> 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
			Hole terminated at 15.5 feet.							

PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-2 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft): EASTING (ft):
 LATITUDE: LONGITUDE:
 GROUND ELEV (ft): TOC ELEV (ft):
 INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
 STATIC DTW (ft): **NE** WELL DEPTH (ft): ---
 WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): **2.25**
 LOGGED BY: **MFB** CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			5" Asphalt							
		SM	SILTY SAND ; SM; 7.5YR3/4 dark brown; fine to medium-grained; moist; no odor; no staining; some silt; trace coarse sand SAME AS ABOVE ; 7.5YR 3/2 dark brown SAME AS ABOVE ; decreasing fines		--	4		0.0	5	x2 - 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine-grained; moist; no odor; no staining; few fines SAME AS ABOVE ; fine to medium-grained; decreasing fined (trace-few) SAME AS ABOVE ; fine to coarse-grained; little fine to coarse gravel SAME AS ABOVE ; few fine gravel		--	4		0.0	10	1/4" Nylaflo Tubing in Hydrated Granular Bentonite
			SAME AS ABOVE ; fine to medium-grained		--	3.5		0.0	15	12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
			Hole terminated at 15.5 feet.							

PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-3 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft): EASTING (ft):
 LATITUDE: LONGITUDE:
 GROUND ELEV (ft): TOC ELEV (ft):
 INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
 STATIC DTW (ft): **NE** WELL DEPTH (ft): ---
 WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): **2.25**
 LOGGED BY: **MFB** CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
0 - 5		SM	5" Asphalt SILTY SAND ; SM; 7.5YR 3/3 dark brown; fine-grained; non plastic; moist; no odor; no staining; some silt SAME AS ABOVE ; fine to coarse-grained		--	4		0.0	5	x2 - 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
5 - 15		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine to medium-grained; moist; no odor; no staining; few fines; trace coarse sand SAME AS ABOVE ; few fine to medium gravel SAME AS ABOVE ; fine to coarse-grained; trace to few fine gravel SAME AS ABOVE ; fine to medium-grained; increasing fines		--	4		0.0	10	1/4" Nylaflo Tubing in Hydrated Granular Bentonite
15			Hole terminated at 15.5 feet.		--	3.5		0.0	15	12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack

PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-4 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft): EASTING (ft):
 LATITUDE: LONGITUDE:
 GROUND ELEV (ft): TOC ELEV (ft):
 INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **15.5**
 STATIC DTW (ft): **NE** WELL DEPTH (ft): ---
 WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): **2.25**
 LOGGED BY: **MFB** CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			5" Asphalt							
		SM	SILTY SAND ; SM; 7.5YR 3/3 dark brown; fine-grained; non plastic; moist; no odor; no staining; some silt SAME AS ABOVE ; fine to coarse-grained			4				<ul style="list-style-type: none"> x2 - 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite
5		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine to medium-grained; moist; no odor; no staining; few fines; trace coarse sand SAME AS ABOVE ; few fine to medium gravel SAME AS ABOVE ; trace to few fine gravel		--	4		0.0	5	<ul style="list-style-type: none"> 1" Airstone in #3 Sand Filter Pack
10			SAME AS ABOVE ; fine to medium-grained; increasing fines			3.5				<ul style="list-style-type: none"> 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite
15		SM	SILTY SAND ; SM; 7.5YR 4/3 brown; fine to medium-grained; non plastic; moist; no odor; no staining; some silt Hole terminated at 15.5 feet.		--			0.0	15	<ul style="list-style-type: none"> 1" Airstone in #3 Sand Filter Pack

GEO FORM 304 20210513_LOGS.GPJ STANTEC001.GDT 5/17/21

PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-5 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft):
 LATITUDE:
 GROUND ELEV (ft):
 INITIAL DTW (ft): **NE**
 STATIC DTW (ft): **NE**
 WELL CASING DIAMETER (in): ---
 LOGGED BY: **MFB**

EASTING (ft):
 LONGITUDE:
 TOC ELEV (ft):
 BOREHOLE DEPTH (ft): **15.5**
 WELL DEPTH (ft): ---
 BOREHOLE DIAMETER (in): **2.25**
 CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
0 - 3		SC	3" Asphalt SANDY CLAY ; SC; 7.5YR 4/3 brown; medium plasticity; moist; no odor; no staining; some fine sand; few medium sand; trace coarse			4				
3 - 5		SP-SC	POORLY GRADED SAND WITH CLAY ; SP-SC; 7.5YR 4/3 brown; fine-grained; non to low plasticity; moist; no odor; no staining; little to some clay; few medium sand		--	4		0.0	5	
5 - 10		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine to medium-grained; moist; no odor; no staining; few fines; trace coarse sand							
10 - 13			SAME AS ABOVE ; fine to coarse-grained; trace to few fine gravel		--	4		0.0	10	
13 - 15			SAME AS ABOVE ; few fine to medium gravel			3.5				
15 - 15.5			SAME AS ABOVE ; trace fines		--			0.0	15	
15.5			Hole terminated at 15.5 feet.							

PROJECT: **Goodman - Fullerton**
 LOCATION: **1201-1223 S. State College Boulevard, Fullerton, CA**
 PROJECT NUMBER: **185805186**

WELL / PROBEHOLE / BOREHOLE NO:
SV-6 PAGE 1 OF 1



DRILLING: STARTED **5/13/21** COMPLETED: **5/13/21**
 INSTALLATION: STARTED COMPLETED:
 DRILLING COMPANY: **SAES**
 DRILLING EQUIPMENT: **6620DT**
 DRILLING METHOD: **DPT**
 SAMPLING EQUIPMENT: **Acetate**

NORTHING (ft):
 LATITUDE:
 GROUND ELEV (ft):
 INITIAL DTW (ft): **NE**
 STATIC DTW (ft): **NE**
 WELL CASING DIAMETER (in): ---
 LOGGED BY: **MFB**

EASTING (ft):
 LONGITUDE:
 TOC ELEV (ft):
 BOREHOLE DEPTH (ft): **15.5**
 WELL DEPTH (ft): ---
 BOREHOLE DIAMETER (in): **2.25**
 CHECKED BY: **BV**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recovery (ft.)	Blow Count	PID Reading (ppmv)	Depth (feet)	Borehole Backfill
			2" Asphalt							
		SM	SILTY SAND ; SM; 7.5YR 3/2 dark brown; fine to medium-grained; non plastic; moist; no odor; no staining; some silt SAME AS ABOVE ; 7.5YR 4/1 dark gray			4				
5		SP-SC	POORLY GRADED SAND WITH CLAY ; SP-SC; 7.5YR 4/3 brown; fine-grained; non to low plasticity; moist; no odor; no staining; little to some clay; trace medium sand		--			0.0	5	x2 - 1/4" Nylaflo Tubing in Hydrated Granular Bentonite 12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
10		SP	POORLY GRADED SAND ; SP; 7.5YR 5/2 brown; fine to medium-grained; moist; no odor; no staining; few fines; trace coarse sand SAME AS ABOVE ; fine to coarse-grained; trace to few fine gravel		--	4		0.0	10	1/4" Nylaflo Tubing in Hydrated Granular Bentonite
15			SAME AS ABOVE ; few fine to medium gravel SAME AS ABOVE ; trace fines		--	3.5		0.0	15	12" Dry Granular Bentonite 1" Airstone in #3 Sand Filter Pack
			Hole terminated at 15.5 feet.							

APPENDIX B

Laboratory Data Sheets





A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761

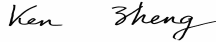
951-779-0310
www.arlaboratories.com

FAX 951-779-0344
office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
	2122

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	 Ken Zheng, President 05/20/2021 18:13:27
Laboratory Job No. (Certificate of Analysis No.)	2105-00129
Project Name / No.	1221 S. State College Blvd., Fullerton, CA 92831
Dates Sampled (from/to)	05/18/21 To 05/18/21
Dates Received (from/to)	05/18/21 To 05/18/21
Dates Reported (from/to)	05/20/21 To 5/20/2021
Chains of Custody Received	Yes

Comments:

Subcontracting
Organic Analyses
No analyses sub-contracted

Sample Condition(s)
All samples intact



A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
951-779-0310
www.arlaboratories.com

FAX 951-779-0344
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FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
	2122

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 SV-6-5										Date & Time Sampled: 05/18/21 @ 8:02			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 SV-6-5										Date & Time Sampled: 05/18/21 @ 8:02			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.014	0.0065	0.013	µg/L	14	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 SV-6-5										Date & Time Sampled: 05/18/21 @ 8:02			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	105		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	84		70-130	%REC						EPA 8260B	05/18/21	SR	

Sample: 002 SV-6-15										Date & Time Sampled: 05/18/21 @ 8:24			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 SV-6-15										Date & Time Sampled: 05/18/21 @ 8:24			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 SV-6-15												Date & Time Sampled: 05/18/21 @ 8:24	
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.050	0.0065	0.013	µg/L	50	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	0.017	0.0065	0.013	µg/L	17	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 SV-6-15										Date & Time Sampled: 05/18/21 @ 8:24			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	101		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	71		70-130	%REC						EPA 8260B	05/18/21	SR	
Sample: 003 SV-5-5										Date & Time Sampled: 05/18/21 @ 8:49			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 SV-5-5										Date & Time Sampled: 05/18/21 @ 8:49			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 SV-5-5										Date & Time Sampled: 05/18/21 @ 8:49			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.040	0.0065	0.013	µg/L	40	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	107		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	78		70-130	%REC						EPA 8260B	05/18/21	SR	

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Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 004 SV-5-15										Date & Time Sampled: 05/18/21 @ 9:11			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.



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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 004 SV-5-15										Date & Time Sampled: 05/18/21 @ 9:11			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.050	0.0065	0.013	µg/L	50	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
 BRIAN VIGGIANO
 735 E. CARNEGIE DR., STE. 280
 SAN BERNARDINO, CA 92408

Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 004 SV-5-15										Date & Time Sampled: 05/18/21 @ 9:11			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	103		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	108		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	74		70-130	%REC						EPA 8260B	05/18/21	SR	

Sample: 005 SV-4-5										Date & Time Sampled: 05/18/21 @ 9:33			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	



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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 SV-4-5										Date & Time Sampled: 05/18/21 @ 9:33			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 SV-4-5										Date & Time Sampled: 05/18/21 @ 9:33			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.018	0.0065	0.013	µg/L	18	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

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 BRIAN VIGGIANO
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 SAN BERNARDINO, CA 92408

Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
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 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 SV-4-5										Date & Time Sampled: 05/18/21 @ 9:33			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	96		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	77		70-130	%REC						EPA 8260B	05/18/21	SR	
Sample: 006 SV-4-15										Date & Time Sampled: 05/18/21 @ 9:55			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Date Reported 05/20/21
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 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 006 SV-4-15										Date & Time Sampled: 05/18/21 @ 9:55			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Chloroform	0.014	0.0065	0.013	µg/L	14	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 006 SV-4-15										Date & Time Sampled: 05/18/21 @ 9:55			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.019	0.0065	0.013	µg/L	19	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	97		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	107		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	70		70-130	%REC						EPA 8260B	05/18/21	SR	



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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 SV-3-5										Date & Time Sampled: 05/18/21 @ 10:18			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 SV-3-5										Date & Time Sampled: 05/18/21 @ 10:18			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.014	0.0065	0.013	µg/L	14	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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 BRIAN VIGGIANO
 735 E. CARNEGIE DR., STE. 280
 SAN BERNARDINO, CA 92408

Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 SV-3-5										Date & Time Sampled: 05/18/21 @ 10:18			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	104		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	108		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	82		70-130	%REC						EPA 8260B	05/18/21	SR	

Sample: 008 SV-3-15										Date & Time Sampled: 05/18/21 @ 10:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 SV-3-15										Date & Time Sampled: 05/18/21 @ 10:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 SV-3-15										Date & Time Sampled: 05/18/21 @ 10:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.018	0.0065	0.013	µg/L	18	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
 BRIAN VIGGIANO
 735 E. CARNEGIE DR., STE. 280
 SAN BERNARDINO, CA 92408

Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 SV-3-15										Date & Time Sampled: 05/18/21 @ 10:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	110		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	79		70-130	%REC						EPA 8260B	05/18/21	SR	
Sample: 009 SV-2-5										Date & Time Sampled: 05/18/21 @ 11:01			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 SV-2-5										Date & Time Sampled: 05/18/21 @ 11:01			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 SV-2-5										Date & Time Sampled: 05/18/21 @ 11:01			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13		EPA 8260B	05/18/21	SR
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13		EPA 8260B	05/18/21	SR
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13		EPA 8260B	05/18/21	SR
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Tetrachloroethene	0.028	0.0065	0.013	µg/L	28	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13		EPA 8260B	05/18/21	SR
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13		EPA 8260B	05/18/21	SR
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13		EPA 8260B	05/18/21	SR
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13		EPA 8260B	05/18/21	SR
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	05/18/21	SR
Toluene-D8	110		70-130	%REC							EPA 8260B	05/18/21	SR
Bromofluorobenzene	80		70-130	%REC							EPA 8260B	05/18/21	SR

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 SV-2-15										Date & Time Sampled: 05/18/21 @ 11:23			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 SV-2-15										Date & Time Sampled: 05/18/21 @ 11:23			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.027	0.0065	0.013	µg/L	27	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 SV-2-15										Date & Time Sampled: 05/18/21 @ 11:23			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	75		70-130	%REC						EPA 8260B	05/18/21	SR	

Sample: 011 SV-1-5										Date & Time Sampled: 05/18/21 @ 11:45			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-1-5										Date & Time Sampled: 05/18/21 @ 11:45			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-1-5										Date & Time Sampled: 05/18/21 @ 11:45			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.021	0.0065	0.013	µg/L	21	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-1-5 Date & Time Sampled: 05/18/21 @ 11:45 Sample Matrix: Air Purge Volume Sampled: 3continued													
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	108		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	111		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	85		70-130	%REC						EPA 8260B	05/18/21	SR	
Sample: 012 SV-1-5 DUP Date & Time Sampled: 05/18/21 @ 11:45 Sample Matrix: Air Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 012 SV-1-5 DUP										Date & Time Sampled: 05/18/21 @ 11:45			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
 BRIAN VIGGIANO
 735 E. CARNEGIE DR., STE. 280
 SAN BERNARDINO, CA 92408

Date Reported 05/20/21
 Date Received 05/18/21
 Invoice No. 91849
 Cust # 1003
 Permit Number
 Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 012 SV-1-5 DUP										Date & Time Sampled: 05/18/21 @ 11:45			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.015	0.0065	0.013	µg/L	15	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	107		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	111		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	82		70-130	%REC						EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 SV-1-15										Date & Time Sampled: 05/18/21 @ 12:29			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 SV-1-15										Date & Time Sampled: 05/18/21 @ 12:29			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.030	0.0065	0.013	µg/L	30	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 SV-1-15										Date & Time Sampled: 05/18/21 @ 12:29			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	102		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	108		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	80		70-130	%REC						EPA 8260B	05/18/21	SR	

Sample: 014 SS-1										Date & Time Sampled: 05/18/21 @ 14:08			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SS-1										Date & Time Sampled: 05/18/21 @ 14:08			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SS-1										Date & Time Sampled: 05/18/21 @ 14:08			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.10	0.0065	0.013	µg/L	100	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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SAN BERNARDINO, CA 92408

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Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SS-1										Date & Time Sampled: 05/18/21 @ 14:08			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	111		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	106		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	76		70-130	%REC						EPA 8260B	05/18/21	SR	
Sample: 015 SS-2										Date & Time Sampled: 05/18/21 @ 14:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Amyl Methyl Ether (TAME)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
t-Butanol (TBA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 SS-2										Date & Time Sampled: 05/18/21 @ 14:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Chloroform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromoethane (EDB)	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dibromo-3-Chloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Diisopropyl Ether (DiPE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Ethyl-t-Butyl Ether (EtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	

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CERTIFICATE OF ANALYSIS

2105-00129

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported 05/20/21
Date Received 05/18/21
Invoice No. 91849
Cust # 1003
Permit Number
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 SS-2										Date & Time Sampled: 05/18/21 @ 14:40			
Sample Matrix: Air													
Purge Volume Sampled: 3													
.....continued													
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3	0.13	EPA 8260B	05/18/21	SR	
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Naphthalene	<0.0042	0.00416	0.0065	µg/L	<4.2	4.2	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Tetrachloroethene	0.060	0.0065	0.013	µg/L	60	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichloroethene	0.010	0.0065	0.013	µg/L	10	6.5	13	µg/m3	J 0.13	EPA 8260B	05/18/21	SR	
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
Vinyl Chloride	<0.0010	0.00104	0.0065	µg/L	<1.0	1.0	7	µg/m3	0.13	EPA 8260B	05/18/21	SR	
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3	0.13	EPA 8260B	05/18/21	SR	
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3	0.13	EPA 8260B	05/18/21	SR	
[VOC Surrogates]													
Dibromofluoromethane	130		70-130	%REC						EPA 8260B	05/18/21	SR	
Toluene-D8	111		70-130	%REC						EPA 8260B	05/18/21	SR	
Bromofluorobenzene	91		70-130	%REC						EPA 8260B	05/18/21	SR	

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Respectfully Submitted:

Ken Zheng

Ken Zheng - President

QUALIFIERS

- B = Detected in the associated Method Blank at a concentration above the routine RL
- B1= BOD blank is over specifications . The reported result may be biased high.
- D = Surrogate recoveries are not calculated due to sample dilution
- E = Estimated value
- H = Analyte was prepared and/or analyzed outside of the analytical method holding time
- I = Matrix Interference
- J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

- DF = Dilution Factor
- RL = Reporting Limit
- MDL = Method Detection Limit
- Qual = Qualifier
- Tech = Technician

As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.



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QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

2105-00129

Date Reported 05/20/2021
Date Received 05/18/2021
Date Sampled 05/18/2021
Invoice No. 91849
Customer # 1003
Customer P.O.

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Method #	EPA 8260B														
QC Reference #	96277					Date Analyzed: 5/18/2021					Technician: SR				
Samples	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015
Results															
	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC											
1,1-Dichloroethene	78	74	5.3												
Benzene	74	75	1.3												
Bromofluorobenzene				80								50 - 150			
Chlorobenzene	89	106	17.4									50 - 150			
Dibromofluoromethan				110								50 - 150			
Toluene	85	102	17.9									50 - 150			
Toluene-D8				109								50 - 150			
Trichloroethene	112	93	18.4									50 - 150			
												70 - 130		0 - 25	
												70 - 130		0 - 25	
												70 - 130		0 - 25	
												70 - 130		0 - 25	
												70 - 130		0 - 25	



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STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO

2105-00129

Date Reported 05/20/2021
Date Received 05/18/2021
Date Sampled 05/18/2021

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL	Ref	Test Name	Result	Qualif	Units	MDL
96277	Acetone	<0.0650		µg/L	0.0650		Isopropylbenzene	<0.0065		µg/L	0.0065
	t-Amyl Methyl Ether (TAME)	<0.0065		µg/L	0.0065		4-Isopropyltoluene	<0.0065		µg/L	0.0065
	Benzene	<0.0031		µg/L	0.0031		Methylene Chloride	<0.0065		µg/L	0.0065
	Bromobenzene	<0.0065		µg/L	0.0065		4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650
	Bromochloromethane	<0.0065		µg/L	0.0065		Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0065		µg/L	0.0065		Naphthalene	<0.0042		µg/L	0.0042
	Bromoform	<0.0065		µg/L	0.0065		n-Propylbenzene	<0.0065		µg/L	0.0065
	Bromomethane	<0.0065		µg/L	0.0065		Styrene	<0.0065		µg/L	0.0065
	t-Butanol (TBA)	<0.0650		µg/L	0.0650		1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	2-Butanone (MEK)	<0.0650		µg/L	0.0650		1,1,2,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	n-Butylbenzene	<0.0065		µg/L	0.0065		Tetrachloroethene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065		Toluene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065		1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0650		µg/L	0.0650		1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	Carbon Tetrachloride	<0.0033		µg/L	0.0033		1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	Chlorobenzene	<0.0065		µg/L	0.0065		1,1,2-Trichloroethane	<0.0065		µg/L	0.0065
	Chloroethane	<0.0065		µg/L	0.0065		Trichloroethene	<0.0065		µg/L	0.0065
	Chloroform	<0.0065		µg/L	0.0065		1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Chloromethane	<0.0065		µg/L	0.0065		Trichlorofluoromethane	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065		Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065		1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	Dibromochloromethane	<0.0065		µg/L	0.0065		1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	1,2-Dibromoethane (EDB)	<0.0026		µg/L	0.0026		Vinyl Chloride	<0.0010		µg/L	0.0010
	1,2-Dibromo-3-Chloropropane	<0.0026		µg/L	0.0026		m,p-Xylenes	<0.0130		µg/L	0.0130
	Dibromomethane	<0.0065		µg/L	0.0065		o-Xylene	<0.0065		µg/L	0.0065
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065		Isopropanol (IPA)	<0.0650		µg/L	0.0650
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065						
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065						
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065						
	1,1-Dichloroethane	<0.0065		µg/L	0.0065						
	1,2-Dichloroethane	<0.0065		µg/L	0.0065						
	1,1-Dichloroethene	<0.0065		µg/L	0.0065						
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065						
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065						
	1,2-Dichloropropane	<0.0065		µg/L	0.0065						
	1,3-Dichloropropane	<0.0065		µg/L	0.0065						
	2,2-Dichloropropane	<0.0065		µg/L	0.0065						
	1,1-Dichloropropene	<0.0065		µg/L	0.0065						
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065						
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065						
	Diisopropyl Ether (DIPE)	<0.0065		µg/L	0.0065						
	Ethylbenzene	<0.0065		µg/L	0.0065						
	Ethyl-t-Butyl Ether (EtBE)	<0.0065		µg/L	0.0065						
	Hexachlorobutadiene	<0.0065		µg/L	0.0065						
	2-Hexanone	<0.0650		µg/L	0.0650						



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QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.
BRIAN VIGGIANO

2105-00129

Date Reported 05/20/2021
Date Received 05/18/2021
Date Sampled 05/18/2021

Project: 1221 S. State College Blvd., Fullerton, CA 92831

Respectfully Submitted:

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.



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CHAIN OF CUSTODY

A & R Work Order #:

2105-129

Page 1 of 1

Client Name Stantec				<input type="checkbox"/> Chilled		Analyses Requested										Turn Around Time Requested	
E-mail BRIAN.VIGGIANO@STANTEC.COM				<input checked="" type="checkbox"/> Intact												8 12 24 48 Hours	
Address 135 E. CARNEGIE DR, STE. 280, SAN BARDINO, CA 92408				<input type="checkbox"/> Seal													
Report Attention BRIAN V.		Phone # 909.255.8204		Sampled By SR													
Project No./ Name		Project Site 1221 S. State College Blvd, Fullerton, CA 92831															
Lab #	Client Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks	
		Date	Time														
1	SV-6-5	5/18/21	8:02	AIR		250mL G	X										3PV
2	SV-6-15		8:24														
3	SV-5-5		8:49														
4	SV-5-15		9:11														
5	SV-4-5		9:33														
6	SV-4-15		9:55														
7	SV-3-5		10:18														
8	SV-3-15		10:40														
9	SV-2-5		11:01														
10	SV-2-15		11:23														
11	SV-1-5		11:45														
12	SV-1-5 DUP		11:45														
13	SV-1-15		12:29														
14	SS-1		14:08														
15	SS-2		14:40														
Relinquished By		Company ARL		Date 5/18/21	Time 1444	Received By	Company ARL	Date 5/18/21	Time 1444	Note: Samples are discarded 30 days after results are reported unless other arrangements are made.							
Relinquished By		Company		Date	Time	Received By	Company	Date	Time								

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO3	SH=NaOH ST=Na2S2O3 HS=H2SO4	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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