

Appendix

Appendix D Phase II Environmental Site Assessment Report

Appendix

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November 9, 2021

Job No. 3-421-0879

Ms. Juanita Guidotti
Starbucks Coffee Company
555 Anton Boulevard, Suite 300
Costa Mesa, CA 92626

Office: (714) 885-3907
Email: JGuidotti@starbucks.com

Subject: PHASE II ENVIRONMENTAL SITE ASSESSMENT
PROPOSED STARBUCKS
109 SOUTH DEL MAR AVENUE
SAN GABRIEL, CA

Dear Ms. Guidotti:

At your request and authorization, Salem Engineering Group, Inc. (SALEM) has prepared this Phase II Environmental Site Assessment (ESA) Report for the Proposed Starbucks located at 109 South Del Mar Avenue in San Gabriel, California.

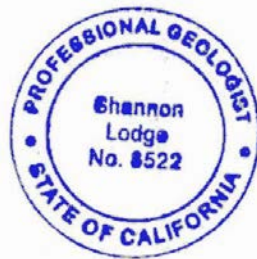
We appreciate the opportunity to assist you with this project. If you have any questions, or if we may be of further assistance, please do not hesitate to contact our office at (909) 980-6455.

Respectfully submitted,

SALEM Engineering Group, Inc.



Shannon Lodge, PG, QSD
Senior Project Manager





SALEM
engineering group, inc.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

**PROPOSED STARBUCKS
109 SOUTH DEL MAR AVENUE
SAN GABRIEL, CALIFORNIA**

**SALEM PROJECT NO. 3-421-0879
NOVEMBER 9, 2021**

PREPARED FOR:

**MS. JUANITA GUIDOTTI
STARBUCKS COFFEE COMPANY
555 ANTON BOULEVARD, SUITE 300
COSTA MESA, CA 92626**

PREPARED BY:

**SALEM ENGINEERING GROUP, INC.
8711 MONROE COURT, SUITE A
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November 9, 2021

Job No. 3-421-0879

PHASE II ENVIRONMENTAL SITE ASSESSMENT**PROPOSED STARBUCKS
109 SOUTH DEL MAR AVENUE
SAN GABRIEL, CALIFORNIA****1.0 EXECUTIVE SUMMARY**

Salem Engineering Group, Inc. (SALEM) performed a Phase II Environmental Site Assessment (ESA) to investigate the proposed Starbucks located at 109 South Del Mar Avenue in San Gabriel, California (subject property). The subject property consists of one rectangular-shaped parcel totaling approximately 0.34-acres (Los Angeles County Assessor's Parcel Number [APN] 5362-022-001). The investigation was performed in accordance with SALEM's Proposal No. P3-421-1572 dated September 23, 2021.

SALEM's review of regulatory agency records, city directories and historic aerial photographs indicates that the subject property was occupied by a gasoline service station from at least 1950 until 1966. No information pertaining to the removal of the associated underground storage tanks (USTs) or confirmatory sampling in the vicinity of the former USTs was identified.

SALEM recommended conducting a geophysical survey of the subject property to confirm the presence or absence of sub-grade structures of environmental concern including unregistered USTs, unidentified sub-grade hydraulic lift locations and oil/water separators associated with the former gasoline service station operations. In addition, SALEM recommended conducting a Phase II ESA to evaluate the potential presence of constituents of concern (COCs) that are typically associated with gas station properties.

The following data summary is based on a review of previous environmental reports and field and laboratory data obtained during SALEM's October 13, 2021 investigation at the subject property:

- According to California Regional Water Quality Control Board (CRWQCB) records for the Norge Village Cleaners Cleanup Program Site at 905 East Las Tunas Avenue, located approximately 0.65-mile to the east of the subject property, groundwater was first encountered at a depth between 253.54 and 257.30 below ground surface (bgs) with a flow direction toward the southwest. However, local groundwater level and flow direction may vary due to seasonal fluctuations in precipitation, usage demands, geology, and/or surface topography. Groundwater was not encountered during the course of this investigation.
- SALEM installed four soil borings (SB-1 through SB-4) to 15 feet bgs at the subject property. Soil samples were collected at 5-foot intervals from each boring.
- Generally, soil types consisted of dark brown, fine- to medium-grained silty sand fill material to approximately 6 feet bgs, underlain by light brown, fine- to medium-grained silty sand to 15 feet bgs with trace interbedded gravel. Groundwater was not encountered in any of the soil borings. Discolored soil and/or hydrocarbon odors were not identified in the soil samples collected during the installation of the borings.

-
- Lead was detected at concentrations ranging from 10 to 18 milligrams per kilogram (mg/kg). All detected concentrations were below the CRWQCB Tier 1 Environmental Screening Level (ESL) set at 32 mg/kg.
 - Volatile organic compounds (VOCs), and gasoline and diesel range total petroleum hydrocarbons (TPH-G and TPH-D, respectively) were not identified above laboratory method detection limits in any of the soil samples analyzed. Data suggests that VOCs, TPH-G, and TPH-D are not COCs in soil at the subject property.
 - Oil range total petroleum hydrocarbons (TPH-O) were identified in boring SB-3 at a depth of 5 feet bgs at a concentration of 260 mg/kg. The detected TPH-O concentration was below the CRWQCB Tier 1 ESL set at 1,600 mg/kg.

Based on these results, SALEM believes that no additional assessment activities are required. The subject property is suitable for commercial use. Due to the potential of encountering areas of petroleum hydrocarbon-affected soil or buried features (i.e. waste oil UST) during grading and construction activities, SALEM recommends preparation of a Soil Management Plan (SMP) which should be distributed to construction personnel. The SMP will establish protocols for handling, sampling, storage, and disposal of any suspected hydrocarbon-affected soils or USTs identified during construction activities.

2.0 INTRODUCTION

SALEM conducted a Phase II ESA on behalf of Starbucks Coffee Company to investigate the proposed Starbucks located at 109 South Del Mar Avenue in San Gabriel, California (subject property – see Figure 1). The investigation was performed in accordance with SALEM's Proposal No. P3-421-1572 dated September 23, 2021.

The subject property comprises one rectangular-shaped parcel totaling approximately 0.34-acre (Los Angeles County APN 5362-022-001) located on the southwest corner of the intersection of West Las Tunas Drive and South Del Mar Avenue in San Gabriel, California.

2.1 Project Objectives

The objectives of this investigation were to:

- Determine if the subject property has been negatively impacted by the historical on-site gasoline service station;
- Establish baseline soil concentrations at the subject property;
- Evaluate potential construction concerns associated with the redevelopment process.

2.2 Background

SALEM's September 21, 2021 Phase I ESA identified the following evidence of RECs in connection with the subject property as defined by ASTM E1527-13:

- Based on SALEM's review of historical aerial photographs and city directories, the subject property was historically occupied by a gasoline service station from at least 1950 until at least 1966. The disposition of suspected USTs and other sub-grade structures of environmental concern is unknown due to the absence of government agency records. During the time period

the subject property was occupied by a gasoline service station, USTs were not significantly regulated and may have been installed and potentially abandoned in-place or removed with no regulatory agency oversight. No records were identified documenting the removal or abandonment of the suspected USTs.

SALEM recommended conducting a geophysical survey of the subject property to identify subsurface features of potential environmental concern (USTs, sumps, clarifiers, hydraulic lifts, etc.). In addition, SALEM recommended conducting a Phase II ESA to assess on-site shallow soils for potential petroleum hydrocarbons, VOCs and fuel oxygenates, and lead contamination, to establish baseline soil concentrations prior to the subject property's redevelopment, and to identify potential construction concerns (off-haul of potential contaminated soils) associated with the redevelopment process.

3.0 SCOPE OF WORK

The Phase II ESA scope of services included the following:

- Coordination of pre-field activities including procurement of contracts (e.g., driller and laboratory), evaluation of groundwater data, and access permission;
- Development of a site-specific Health and Safety Plan (HSP);
- Performance of a geophysical investigation and utility screening;
- Advancement of four soil borings (SB-1 through SB-4) to depths of 15 feet bgs, with the collection of soil samples at 5-foot intervals from each boring;
- Analytical testing of soil; and
- Preparation of a report that documents field activities, analytical results, and summarizes the findings.

3.1 Pre Field Activities

3.1.1 Site Safety

SALEM completed a Site HSP for the work proposed at the subject property. A copy of the HSP was kept on-site during field activities. The HSP detailed the work to be performed, safety precautions, emergency response procedures, nearest hospital information, hospital route maps, emergency contact numbers, and onsite personnel responsible for managing emergency situations (intended to protect on-site workers and the public).

3.1.2 Permits

Permits for the soil borings were not required before implementing this project.

3.1.3 Geophysical Investigation

SALEM utilized Spectrum Geophysics (Spectrum) of Chatsworth, California to conduct a geophysical survey for potential buried fuel USTs of 500-gallon capacity or greater and associated appurtenances, or a backfilled UST cavity, as well as other sub-grade structures of environmental concern (hoists, clarifiers, and sumps). Spectrum employed EM-61 high sensitivity metal detection (MD), vertical magnetic gradient (VMG), shallow focus terrain conductivity (TC), and ground penetrating radar (GPR) investigation methods.

The geophysical investigation was performed on the entire subject property. A survey grid was established on a rectangular coordinate system to provide horizontal control. Using a fiberglass measuring tape, Spectrum established an east-west baseline, then marked a series of parallel lines oriented perpendicular to the baseline and spaced 4 feet apart.

The following equipment was used to perform the geophysical survey:

- Radio detection 4000 transmitter with matched receiver;
- Schonstedt Mac Series hand-held magnetometer;
- Fisher TW-6 M-scope – shallow focus metal detector;
- Dynatel 500 Series transmitter with matched receiver;
- Sensors and Software Noggin Cart;
- 8 and 33 KHz and 512 Hz sondes; and
- EM-61 high sensitivity metal detector.

Spectrum initially visually inspected the subject property for evidence of subsurface utilities or other buried features. Each identified utility was investigated using active electromagnetic utility-locating instruments and its surface trace was demarcated on the ground using color-coded spray paint. The subject property was further investigated with a passive electromagnetic receiver tuned to 50/60 cycle electrical current to detect possible electrical lines (with voltages up to 30,000 volts) which may be nearby. The surface traces of detected electrical lines were demarcated on the ground using red spray paint. The subject property was further investigated using audio, radio, and 1 KHz frequencies to identify utilities re-radiating these ambient signals. In addition, the subject property was investigated using a shallow focus terrain conductivity meter to identify possible buried and abandoned conduits, as well as piping which may have no surface expression or which may be less than 20 feet in length.

In an effort to locate buried USTs, Spectrum utilized an EM-61 metal detector at the subject property. The EM-61 transmitter generates a primary field of short pulses of electromagnetic energy that travel downward and outward. This energy becomes "trapped" in conductive materials and causes a secondary magnetic field to be generated in these materials. Between pulses, the receiver measures the voltage of the decay curve of this secondary magnetic field, which is proportional to the conductivity of the subsurface materials. The data was downloaded to a laptop computer and processed in the field. Contour maps were generated to assist in identifying anomalous areas associated with buried metal.

Shallow focus terrain conductivity and GPR were also used to further characterize the source of significant EM-61 anomalies. The surface trace of detected features was marked on the ground with spray paint and/or stakes with flagging ribbon.

Spectrum utilized a Noggin ground penetrating radar unit in an effort to identify possible subsurface obstructions. A high frequency radio signal was transmitted into the ground via the antenna. As radio waves propagated into the ground, these signals were reflected off structures with differing electrical properties. These reflected signals were then captured by the receiver and were presented as vertical profiles on the GPR unit.

3.1.4 Utility Clearance

The proposed soil boring locations were marked with white paint and Underground Service Alert (USA) was notified at least 48 hours before beginning field activities. USA notified its subscribed members, requesting them to mark their underground utility locations near marked boring locations as required by California State law.

SALEM additionally utilized Spectrum to conduct a private utility survey and locate private utilities that are not investigated or marked by USA.

4.0 SOIL INVESTIGATION METHODOLOGY

Field work for the soil sampling was performed on October 13, 2021. Soil boring locations are shown on Figure 2.

Before arriving at the subject property, the drill rig, tools, and accessories were thoroughly decontaminated with a steam cleaner. Downhole drilling tools and sampling equipment, such as bits, rods, and sample barrels were manually washed/rinsed, pressure washed, and/or steam cleaned between borings and sample intervals at the designated decontamination area.

4.1 Soil Sampling Procedures

SALEM installed four soil borings to 15 feet bgs on the subject property (SB-1 through SB-4). The borings were advanced using a CME-55 hollow-stem auger rig. Soil samples were collected at 5-foot intervals by driving a 2-foot long split barrel sampler lined with 6-inch tubes into the bottom of the boring. Upon retrieval of the sampler, the stainless steel tube from the appropriate interval was removed, capped with Teflon sheets and plastic end caps, and labelled with the sample name, sample date and time, and sampler's initials. The samples were recorded on a chain-of-custody document, sealed in a zip-lock bag, and placed in cold storage pending submittal to Sierra Analytical Labs of Laguna Hills, California, for chemical analysis.

The soil samples were analyzed for total petroleum hydrocarbons as gasoline, diesel, and oil (TPH-G/D/O), VOCs including fuel oxygenates, and lead using EPA Methods 8015M/B, 8260B, and 6010B, respectively. Soil analytical results are summarized in Table 1. Certified laboratory analytical reports and chain-of-custody documentation are provided in Appendix A.

4.2 Soil Boring Abandonment

After sampling was complete the drill cuttings were placed back in the borehole and compacted with the flat end of a breaker bar. Each borehole location was resurfaced to match existing grade.

5.0 FINDINGS

5.1 Geology and Hydrogeology

The subject property is located within the northwestern portion of the San Gabriel Valley within the Peninsular Ranges Geomorphic Province of California. The San Gabriel Valley is situated between the San Gabriel Mountains to the north, the San Jose Hills to the south and east, the Puente Hills and Chino Hills further south and east, respectively, and the Verdugo Mountains to the west. The geology in the San Gabriel Basin is dominated by unconsolidated to semi-consolidated alluvium deposited by streams flowing out of the San Gabriel Mountains. These deposits include Pleistocene and Holocene alluvium. Deposits encountered on the subject site during exploratory drilling are discussed in detail in this report.

According to CRWQCB records for the Norge Village Cleaners Cleanup Program Site at 905 East Las Tunas Avenue, located approximately 0.65-mile to the east of the subject property, groundwater was first encountered at a depth between 253.54 and 257.30 bgs with a flow direction toward the southwest. However, local groundwater level and flow direction may vary due to seasonal fluctuations in precipitation, usage demands, geology, and/or surface topography.

5.2 Field Observations

At the time of SALEM's October 13, 2021 Phase II ESA, the subject property was a vacant unpaved lot. During visual observations of the subject property, no hazardous substances and/or petroleum products were observed to be stored or handled on the subject property. Exposed surface soils did not exhibit obvious signs of discoloration. No other obvious evidence (vent pipes, fill pipes, dispensers, etc.) of USTs was noted within the area observed. No standing water or major depressions were observed on the subject property. No indications of former structures, such as foundations, were observed on the subject property.

The geophysical investigation identified one metallic subsurface anomaly with hyperbolic features that could be a potential waste oil UST. Buried piping, possibly a utility that's no longer in use, runs west to east and south to north along the northeastern corner of the anomaly. A copy of the geophysical investigation results is included in Appendix B.

Soil encountered during drilling activities consisted of dark brown, fine- to medium-grained silty sand fill material to approximately 6 feet bgs, underlain by light brown, fine- to medium-grained silty sand with trace interbedded gravel to 15 feet bgs. Groundwater was not encountered in any of the soil borings. Discolored soil and/or hydrocarbon odors were not identified in the soil samples collected during the installation of the borings. Soil boring locations are shown on Figure 2.

5.3 Analytical Results

Soil analytical results are summarized in Table 1. Copies of the laboratory reports and chain-of-custody documentation are included in Appendix A.

5.3.1 Soil Analytical Results

Laboratory analytical results for soil were as follows:

- VOCs, TPH-G, and TPH-D were not identified above laboratory method detection limits in soil samples collected from all borings.
- TPH-O was identified in borings SB-3 at 5 feet bgs (260 mg/kg).

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following data summary is based on a review of previous environmental reports and field and laboratory data obtained during SALEM's October 13, 2021 investigation at the subject property:

- According to CRWQCB records for the Norge Village Cleaners Cleanup Program Site at 905 East Las Tunas Avenue, located approximately 0.65-mile to the east of the subject property, groundwater was first encountered at a depth between 253.54 and 257.30 bgs with a flow direction toward the southwest. However, local groundwater level and flow direction may vary due to seasonal fluctuations in precipitation, usage demands, geology, and/or surface topography. Groundwater was not encountered during the course of this investigation.
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-
- Lead was detected at concentrations ranging from 10 to 18 mg/kg. All detected concentrations were below the CRWQCB Tier 1 ESL set at 32 mg/kg.
 - VOCs, TPH-G and TPH-D were not identified above laboratory method detection limits in any of the soil samples analyzed. Data suggests that VOCs, TPH-G, and TPH-D are not constituents of concern in soil at the subject property.
 - TPH-O were identified in boring SB-3 at a depth of 5 feet bgs at a concentration of 260 mg/kg. The detected TPH-O concentration was below the CRWQCB Tier 1 ESL set at 1,600 mg/kg.

Based on these results, SALEM believes that no additional assessment activities are required. The subject property is suitable for commercial use. Due to the potential of encountering areas of petroleum hydrocarbon-affected soil or buried features (i.e. waste oil UST) during grading and construction activities, SALEM recommends preparation of a SMP which should be distributed to construction personnel. The SMP will establish protocols for handling, sampling, storage, and disposal of any suspected hydrocarbon-affected soils or USTs identified during construction activities.

7.0 LIMITATIONS

This Phase II Environmental Site Assessment Report has been prepared for the exclusive use of **Starbucks Coffee Company** and its affiliates. Unauthorized use of or reliance on the information contained in this report, unless given express written consent by SALEM, is strictly prohibited.

The purpose of an environmental site assessment is to reasonably evaluate the potential for adverse impact from past practices at a given property or neighboring properties. In performing an environmental site assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. The professional opinions in this report are based in part on the interpretation of data from discrete sampling locations that may not represent conditions at locations not sampled.

The property owners are solely responsible for notifying all governmental agencies and the public of the existence, release, or disposal of any hazardous materials/wastes or petroleum products at the subject property, whether before, during, or after the performance of SALEM's services. SALEM assumes neither responsibility nor liability for any claim, loss of property value, damage, or injury which results from hazardous materials, wastes or petroleum products being present or encountered at a given site.

8.0 REFERENCES

The following list summarizes the references utilized in preparing this report:

- California Regional Water Quality Control Board, *Environmental Screening Levels Table*, January 2019.
- SALEM Engineering Group, Inc., *AAI Phase I Environmental Site Assessment, Proposed Starbucks Coffee Shop, 109 South Del Mar Avenue, San Gabriel, California*, September 21, 2021.

If you have any questions, or if we can be of further assistance, please do not hesitate to contact our office at (909) 980-6435.

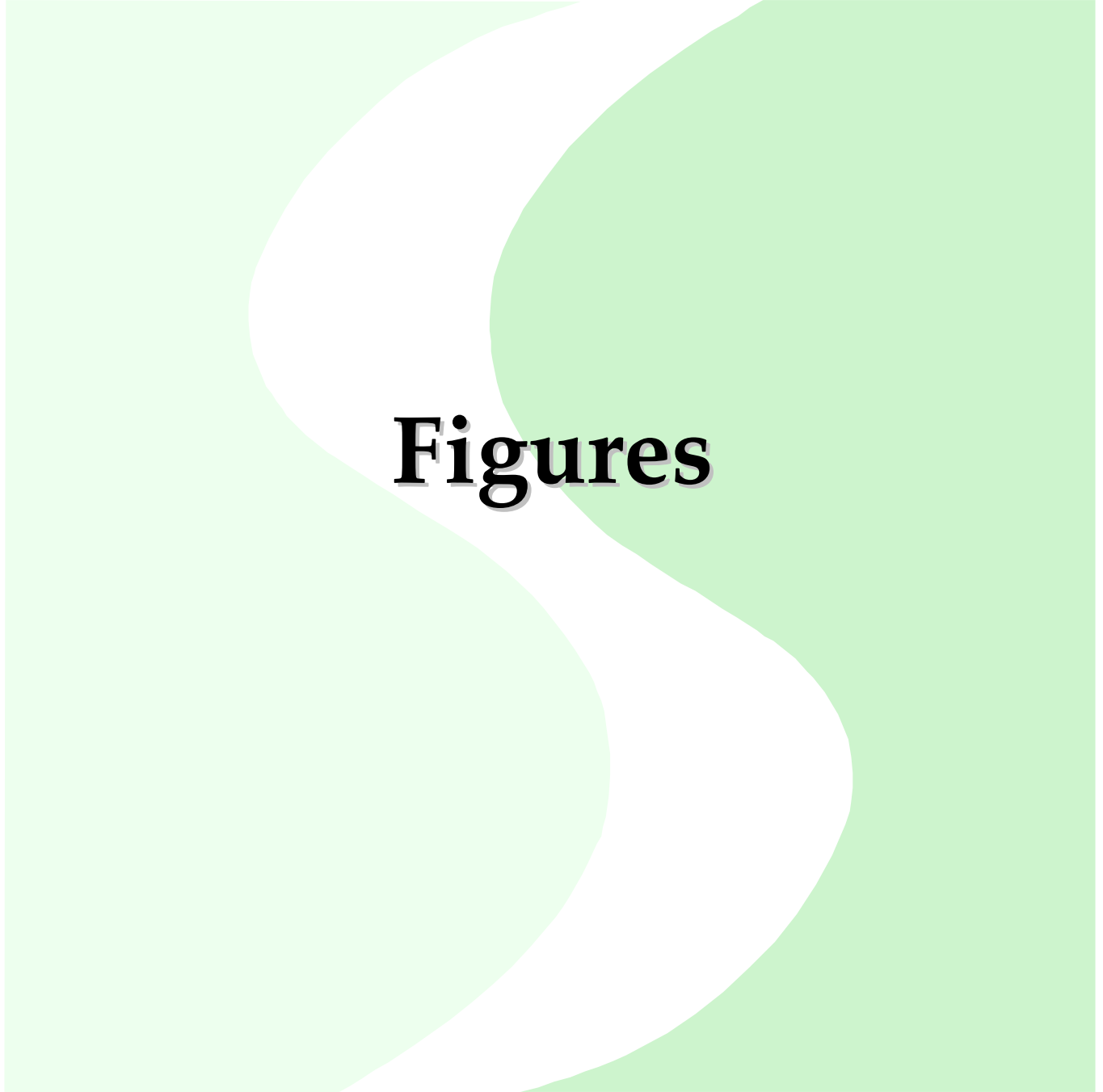
Respectfully submitted,

SALEM Engineering Group, Inc.

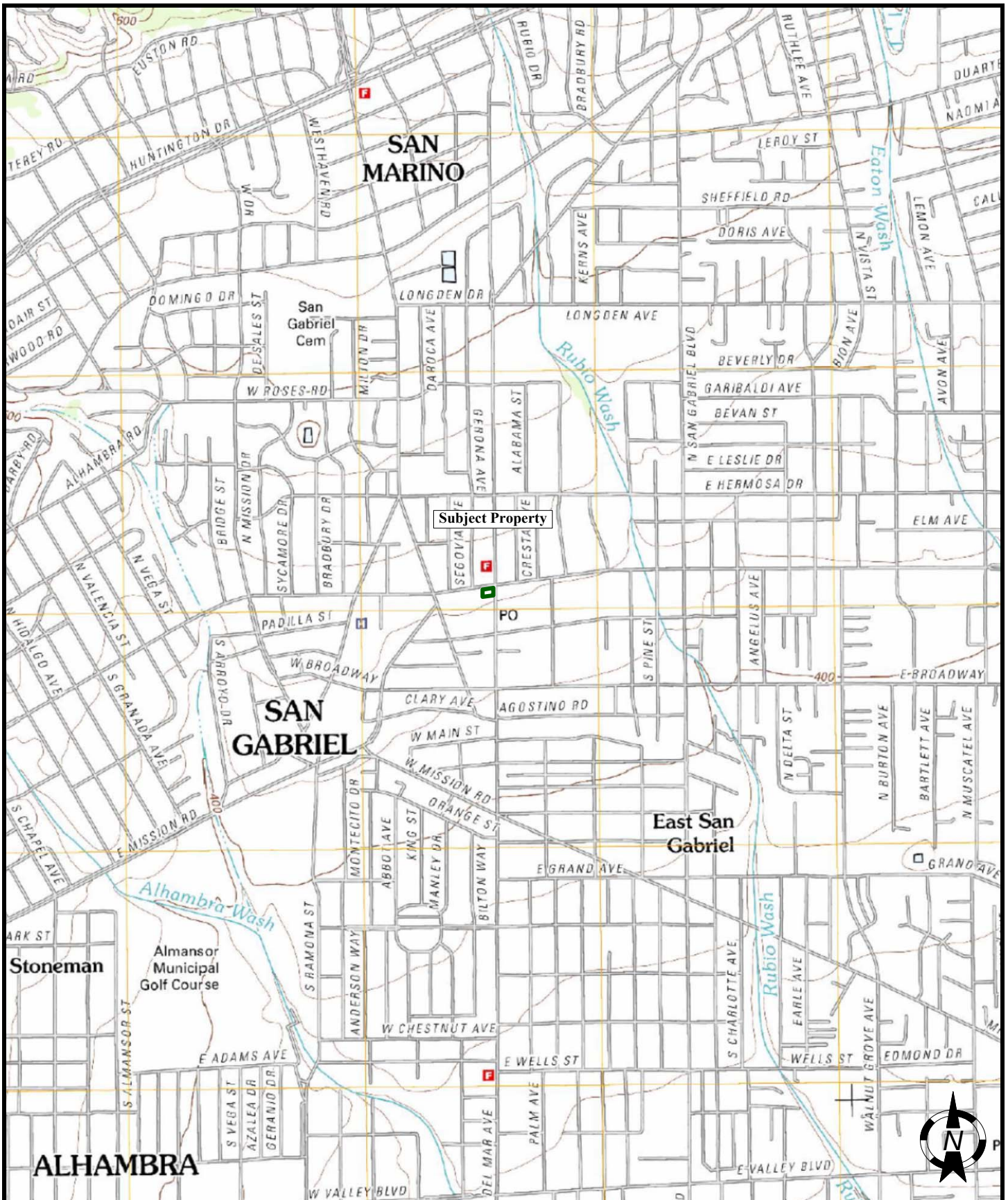


Shannon Lodge, PG, QSD
Senior Project Manager





Figures



SITE LOCATION

PROPOSED STARBUCKS
109 SOUTH DEL MAR AVENUE
SAN GABRIEL, CALIFORNIA

SCALE:

NTS

DATE:

Sept., 2021

DRAWN BY:

KV

APPROVED BY:

RR

PROJECT NO.:

3-421-0879

FIGURE NO.:

1



SALEM
engineering group, inc.

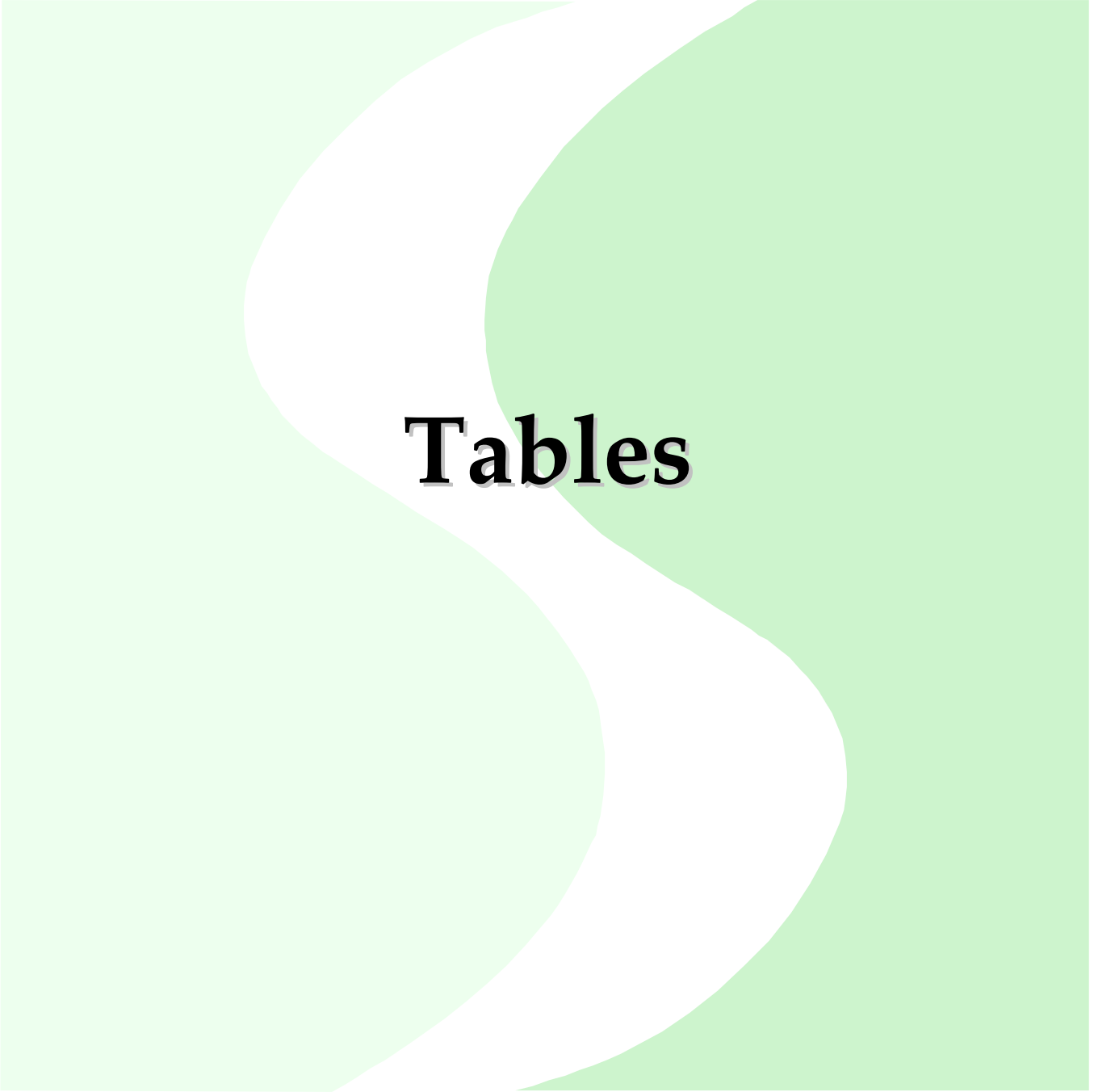


SITE MAP WITH SOIL BORING LOCATIONS

**PROPOSED STARBUCKS
109 SOUTH DEL MAR AVENUE
SAN GABRIEL, CALIFORNIA**

SCALE: NTS	DATE: Nov. 2021
DRAWN BY: SL	APPROVED BY: JR
PROJECT NO.: 3-421-0879	FIGURE NO.: 2





Tables

TABLE 1
SOIL ANALYTICAL SUMMARY
Proposed Starbucks
109 South Del Mar Avenue
San Gabriel, California

Soil Sampling Date	Soil Sample Identification	TPH-G by EPA Method 8015B (mg/kg)	TPH-D by EPA Method 8015B (mg/kg)	TPH-O by EPA Method 8015B (mg/kg)	Lead (mg/kg)	VOCs by EPA Method 8260B (ug/kg)
CRWQCB Tier 1 Environmental Screening Level		100	260	1,600	32	Varies
10/13/2021	SB-1 @5'	ND (0.050)	ND (5.0)	ND (5.0)	12	ND (5.0)
10/13/2021	SB-1 @15'	ND (0.050)	ND (5.0)	ND (5.0)	ND (7.1)	ND (5.0)
10/13/2021	SB-2 @5'	ND (0.050)	ND (5.0)	ND (5.0)	ND (7.1)	ND (5.0)
10/13/2021	SB-2 @15'	ND (0.050)	ND (5.0)	ND (5.0)	ND (7.1)	ND (5.0)
10/13/2021	SB-3 @5'	ND (0.050)	ND (5.0)	260	18	ND (5.0)
10/13/2021	SB-3 @15'	ND (0.050)	ND (5.0)	ND (5.0)	10	ND (5.0)
10/13/2021	SB-4 @5'	ND (0.050)	ND (5.0)	ND (5.0)	ND (7.1)	ND (5.0)
10/13/2021	SB-4 @15'	ND (0.050)	ND (5.0)	ND (5.0)	ND (7.1)	ND (5.0)

µg/kg = Micrograms per kilogram

mg/kg = Milligrams per kilogram

ND = Not identified above stated method detection limit

TPH-G = Total Petroleum Hydrocarbons - Gasoline

TPH-D = Total Petroleum Hydrocarbons - Diesel

TPH-O = Total Petroleum Hydrocarbons - Oil

VOCs = Volatile Organic Compounds

A





21 October 2021

Reily Rivera
SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga, CA 91730

RE:Starbucks San Gabriel

Work Order No.: 2110218

Attached are the results of the analyses for samples received by the laboratory on 10/14/21 14:25.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS),
Environmental Laboratory Accreditation Program (ELAP) No. 2320.



SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1@5'	2110218-01	Soil	10/13/21 16:10	10/14/21 14:25
SB-1@15'	2110218-03	Soil	10/13/21 16:21	10/14/21 14:25
SB-2@5'	2110218-04	Soil	10/13/21 14:59	10/14/21 14:25
SB-2@15'	2110218-06	Soil	10/13/21 15:09	10/14/21 14:25
SB-3@5'	2110218-07	Soil	10/13/21 15:21	10/14/21 14:25
SB-3@15'	2110218-09	Soil	10/13/21 15:31	10/14/21 14:25
SB-4@5'	2110218-10	Soil	10/13/21 15:44	10/14/21 14:25
SB-4@15'	2110218-12	Soil	10/13/21 15:54	10/14/21 14:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Metals by EPA 6000/7000 Series Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1@5' (2110218-01) Soil Sampled: 10/13/21 16:10 Received: 10/14/21 14:25									
Lead	12	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-1@15' (2110218-03) Soil Sampled: 10/13/21 16:21 Received: 10/14/21 14:25									
Lead	ND	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-2@5' (2110218-04) Soil Sampled: 10/13/21 14:59 Received: 10/14/21 14:25									
Lead	ND	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-2@15' (2110218-06) Soil Sampled: 10/13/21 15:09 Received: 10/14/21 14:25									
Lead	ND	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-3@5' (2110218-07) Soil Sampled: 10/13/21 15:21 Received: 10/14/21 14:25									
Lead	18	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-3@15' (2110218-09) Soil Sampled: 10/13/21 15:31 Received: 10/14/21 14:25									
Lead	10	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-4@5' (2110218-10) Soil Sampled: 10/13/21 15:44 Received: 10/14/21 14:25									
Lead	ND	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	
SB-4@15' (2110218-12) Soil Sampled: 10/13/21 15:54 Received: 10/14/21 14:25									
Lead	ND	7.1	mg/kg	1	B1J1508	10/15/21	10/18/21 13:48	EPA 6010B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Volatile Petroleum Hydrocarbons (TVPH) by GC/FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-1@5' (2110218-01) Soil Sampled: 10/13/21 16:10 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		62.2 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-1@15' (2110218-03) Soil Sampled: 10/13/21 16:21 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		60.9 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-2@5' (2110218-04) Soil Sampled: 10/13/21 14:59 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		60.5 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-2@15' (2110218-06) Soil Sampled: 10/13/21 15:09 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		61.8 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-3@5' (2110218-07) Soil Sampled: 10/13/21 15:21 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		60.6 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-3@15' (2110218-09) Soil Sampled: 10/13/21 15:31 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		60.1 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

SB-4@5' (2110218-10) Soil Sampled: 10/13/21 15:44 Received: 10/14/21 14:25

Surrogate: a,a,a-Trifluorotoluene		61.4 %	35-130		BIJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Volatile Petroleum Hydrocarbons (TVPH) by GC/FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-4@15' (2110218-12) Soil Sampled: 10/13/21 15:54 Received: 10/14/21 14:25

Surrogate: <i>a,a,a-Trifluorotoluene</i>		60.5 %	35-130		BJJ1503	10/15/21	10/18/21 09:06	EPA 8015B	
Gasoline Range Hydrocarbons (C4-C12)	ND	0.050	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Petroleum Hydrocarbons (TPH) by GC/FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1@5' (2110218-01) Soil Sampled: 10/13/21 16:10 Received: 10/14/21 14:25									
Surrogate: o-Terphenyl		146 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		146 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	
SB-1@15' (2110218-03) Soil Sampled: 10/13/21 16:21 Received: 10/14/21 14:25									
Surrogate: o-Terphenyl		157 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		157 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	
SB-2@5' (2110218-04) Soil Sampled: 10/13/21 14:59 Received: 10/14/21 14:25									
Surrogate: o-Terphenyl		139 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		140 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	
SB-2@15' (2110218-06) Soil Sampled: 10/13/21 15:09 Received: 10/14/21 14:25									
Surrogate: o-Terphenyl		152 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		152 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	
SB-3@5' (2110218-07) Soil Sampled: 10/13/21 15:21 Received: 10/14/21 14:25									
Surrogate: o-Terphenyl		288 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	S-07
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		288 %	60-175		"	"	"	"	S-07
Oil Range Organics (C22-C36)	260	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Petroleum Hydrocarbons (TPH) by GC/FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SB-3@15' (2110218-09) Soil Sampled: 10/13/21 15:31 Received: 10/14/21 14:25

Surrogate: <i>o</i> -Terphenyl		162 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: <i>o</i> -Terphenyl		162 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	

SB-4@5' (2110218-10) Soil Sampled: 10/13/21 15:44 Received: 10/14/21 14:25

Surrogate: <i>o</i> -Terphenyl		168 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: <i>o</i> -Terphenyl		168 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	

SB-4@15' (2110218-12) Soil Sampled: 10/13/21 15:54 Received: 10/14/21 14:25

Surrogate: <i>o</i> -Terphenyl		131 %	60-175		BIJ1815	10/15/21	10/18/21 11:31	EPA 8015B	
Diesel Range Organics (C10-C24)	ND	5.0	"	"	"	"	"	"	
Surrogate: <i>o</i> -Terphenyl		131 %	60-175		"	"	"	"	
Oil Range Organics (C22-C36)	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
SB-1@5' (2110218-01) Soil Sampled: 10/13/21 16:10 Received: 10/14/21 14:25										
Surrogate: Dibromofluoromethane		118 %		80-120		BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		110 %		81-117		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		74-121		"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-1@5' (2110218-01) Soil Sampled: 10/13/21 16:10 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1@15' (2110218-03) Soil Sampled: 10/13/21 16:21 Received: 10/14/21 14:25									
Surrogate: Dibromofluoromethane		117 %		80-120	BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		111 %		81-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		74-121	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Units						
SB-1@15' (2110218-03) Soil Sampled: 10/13/21 16:21 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
SB-2@5' (2110218-04) Soil Sampled: 10/13/21 14:59 Received: 10/14/21 14:25									
Surrogate: Dibromofluoromethane		118 %	80-120		BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		110 %	81-117		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	74-121		"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2@5' (2110218-04) Soil Sampled: 10/13/21 14:59 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2@15' (2110218-06) Soil Sampled: 10/13/21 15:09 Received: 10/14/21 14:25									
Surrogate: Dibromofluoromethane		117 %	80-120		BJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		109 %	81-117		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	74-121		"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Units						
SB-2@15' (2110218-06) Soil Sampled: 10/13/21 15:09 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3@5' (2110218-07) Soil Sampled: 10/13/21 15:21 Received: 10/14/21 14:25									
<i>Surrogate: Dibromofluoromethane</i>		118 %		80-120	BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		111 %		81-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %		74-121	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Units						
SB-3@5' (2110218-07) Soil Sampled: 10/13/21 15:21 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
SB-3@15' (2110218-09) Soil Sampled: 10/13/21 15:31 Received: 10/14/21 14:25									
Surrogate: Dibromofluoromethane		119 %	80-120		BJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		111 %	81-117		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	74-121		"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3@15' (2110218-09) Soil Sampled: 10/13/21 15:31 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4@5' (2110218-10) Soil Sampled: 10/13/21 15:44 Received: 10/14/21 14:25									
<i>Surrogate: Dibromofluoromethane</i>		101 %		80-120	BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		111 %		81-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %		74-121	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
SB-4@5' (2110218-10) Soil Sampled: 10/13/21 15:44 Received: 10/14/21 14:25									
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4@15' (2110218-12) Soil Sampled: 10/13/21 15:54 Received: 10/14/21 14:25									
Surrogate: Dibromofluoromethane		119 %		80-120	BIJ1505	10/15/21	10/18/21 09:11	EPA 8260B	
Surrogate: Toluene-d8		111 %		81-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		74-121	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit							
SB-4@15' (2110218-12) Soil Sampled: 10/13/21 15:54 Received: 10/14/21 14:25										
Hexachlorobutadiene	ND	5.0	µg/kg	1	B1J1505	10/15/21	10/18/21 09:11	EPA 8260B		
Isopropylbenzene	ND	5.0	"	"	"	"	"	"		
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"		
Methylene chloride	ND	5.0	"	"	"	"	"	"		
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"		
Naphthalene	ND	5.0	"	"	"	"	"	"		
n-Propylbenzene	ND	5.0	"	"	"	"	"	"		
Styrene	ND	5.0	"	"	"	"	"	"		
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"		
Tert-butyl alcohol	ND	25	"	"	"	"	"	"		
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"		
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"		
Tetrachloroethene	ND	5.0	"	"	"	"	"	"		
Toluene	ND	5.0	"	"	"	"	"	"		
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"		
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"		
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"		
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"		
Trichloroethene	ND	5.0	"	"	"	"	"	"		
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"		
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"		
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"		
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"		
Vinyl chloride	ND	5.0	"	"	"	"	"	"		
m,p-Xylene	ND	5.0	"	"	"	"	"	"		
o-Xylene	ND	5.0	"	"	"	"	"	"		

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Metals by EPA 6000/7000 Series Methods - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1508 - EPA 3050B

Blank (B1J1508-BLK1)

Prepared: 10/15/21 Analyzed: 10/18/21

Lead	ND	7.1	mg/kg							
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LCS (B1J1508-BS1)

Prepared: 10/15/21 Analyzed: 10/18/21

Lead	108	7.1	mg/kg	100		108	80-120			
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Matrix Spike (B1J1508-MS1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Lead	101	7.1	mg/kg	99.2	12.5	89.2	70-130			
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Matrix Spike Dup (B1J1508-MSD1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Lead	106	7.1	mg/kg	99.8	12.5	94.2	70-130	5.32	30	
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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Volatile Petroleum Hydrocarbons (TVPH) by GC/FID - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1503 - EPA 5035 P & T

Blank (B1J1503-BLK1)

Prepared: 10/15/21 Analyzed: 10/18/21

Gasoline Range Hydrocarbons (C4-C12) ND 0.050 mg/kg

LCS (B1J1503-BS1)

Prepared: 10/15/21 Analyzed: 10/18/21

Gasoline Range Hydrocarbons (C4-C12) 0.644 0.050 mg/kg 0.600 107 85-115

Matrix Spike (B1J1503-MS1)

Source: 2110218-12

Prepared: 10/15/21 Analyzed: 10/18/21

Gasoline Range Hydrocarbons (C4-C12) 0.472 0.050 mg/kg 0.600 ND 78.7 50-150

Matrix Spike Dup (B1J1503-MSD1)

Source: 2110218-12

Prepared: 10/15/21 Analyzed: 10/18/21

Gasoline Range Hydrocarbons (C4-C12) 0.592 0.050 mg/kg 0.600 ND 98.7 50-150 22.6 30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Total Petroleum Hydrocarbons (TPH) by GC/FID - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1815 - EPA 3550B Solid Ext

Blank (B1J1815-BLK1)

Prepared: 10/15/21 Analyzed: 10/18/21

Oil Range Organics (C22-C36)	ND	5.0	mg/kg						
Diesel Range Organics (C10-C24)	ND	5.0	"						

LCS (B1J1815-BS1)

Prepared: 10/15/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C24)	16.3	5.0	mg/kg	20.0		81.3	80-120		
Diesel Range Organics (C10-C24)	16.3	5.0	"	20.0		81.3	80-120		

Matrix Spike (B1J1815-MS1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C24)	19.8	5.0	mg/kg	20.0	ND	99.0	50-150		
Diesel Range Organics (C10-C24)	19.8	5.0	"	20.0	ND	99.0	50-150		

Matrix Spike Dup (B1J1815-MSD1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C24)	20.8	5.0	mg/kg	20.0	ND	104	50-150	5.01	30
Diesel Range Organics (C10-C24)	20.8	5.0	"	20.0	ND	104	50-150	5.01	30

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1505 - EPA 5035 P & T

Blank (B1J1505-BLK1)

Prepared: 10/15/21 Analyzed: 10/18/21

Benzene	ND	5.0	µg/kg
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
n-Butylbenzene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane (EDB)	ND	5.0	"
Dibromomethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,1-Dichloroethene	ND	5.0	"
cis-1,2-Dichloroethene	ND	5.0	"
trans-1,2-Dichloroethene	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
cis-1,3-Dichloropropene	ND	5.0	"
trans-1,3-Dichloropropene	ND	5.0	"
Di-isopropyl ether	ND	5.0	"
Ethyl tert-butyl ether	ND	5.0	"

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1505 - EPA 5035 P & T

Blank (B1J1505-BLK1)

Prepared: 10/15/21 Analyzed: 10/18/21

Ethylbenzene	ND	5.0	µg/kg
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
p-Isopropyltoluene	ND	5.0	"
Methylene chloride	ND	5.0	"
Methyl tert-butyl ether	ND	5.0	"
Naphthalene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
Styrene	ND	5.0	"
Tert-amyl methyl ether	ND	5.0	"
Tert-butyl alcohol	ND	25	"
1,1,1,2-Tetrachloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
Tetrachloroethene	ND	5.0	"
Toluene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,1,1-Trichloroethane	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
Trichloroethene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
Vinyl chloride	ND	5.0	"
m,p-Xylene	ND	5.0	"
o-Xylene	ND	5.0	"

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8711 Monroe Ct # A
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Volatile Organics & Fuel Oxygenates (GC/MS) by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B1J1505 - EPA 5035 P & T

LCS (B1J1505-BS1)

Prepared: 10/15/21 Analyzed: 10/18/21

Benzene	58.4	5.0	µg/kg	50.0		117	80-120		
Chlorobenzene	40.1	5.0	"	50.0		80.1	80-120		
1,1-Dichloroethene	56.7	5.0	"	50.0		113	80-120		
Toluene	53.2	5.0	"	50.0		106	80-120		
Trichloroethene	49.0	5.0	"	50.0		97.9	80-120		

Matrix Spike (B1J1505-MS1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Benzene	60.0	5.0	µg/kg	50.0	ND	120	37-151		
Chlorobenzene	39.0	5.0	"	50.0	ND	78.1	37-160		
1,1-Dichloroethene	58.5	5.0	"	50.0	ND	117	50-150		
Toluene	51.7	5.0	"	50.0	ND	103	47-150		
Trichloroethene	49.2	5.0	"	50.0	ND	98.5	71-157		

Matrix Spike Dup (B1J1505-MSD1)

Source: 2110218-01

Prepared: 10/15/21 Analyzed: 10/18/21

Benzene	51.3	5.0	µg/kg	50.0	ND	103	37-151	15.6	30
Chlorobenzene	46.1	5.0	"	50.0	ND	92.3	37-160	16.6	30
1,1-Dichloroethene	58.8	5.0	"	50.0	ND	118	50-150	0.580	30
Toluene	55.2	5.0	"	50.0	ND	110	47-150	6.59	30
Trichloroethene	57.1	5.0	"	50.0	ND	114	71-157	14.8	30

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SALEM Engineering Group
8711 Monroe Ct # A
Rancho Cucamonga CA, 91730

Project: Starbucks San Gabriel
Project Number: 3-421-0879
Project Manager: Reily Rivera

Reported:
10/21/21 10:39

Notes and Definitions

S-07 Surrogate recovery outside of control limits due to coelution with high levels of petroleum hydrocarbons.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CHAIN OF CUSTODY RECORD

Client: SALEM ENGINEERING GROUP, INC.		Client Project ID:		Analyses Requested									
Client Address: 8711 MONROE CT, SUITE A		3-421-0879											
RANCHO CARMONIGA, CA 91730		STARBUCKS SAN GABRIEL											
Client Tel. No.: (909) 980-6455		Turn Around Time Requested:											
Client Fax. No.: (909) 980-6435		☐ Immediate ☐ 24 Hour											
Client Proj. Mgr.: RENEY		☐ 48 Hour ☐ 72 Hour											
		☐ 4 Day ☐ 5 Day											
		☒ Normal ☐ Mobile											
Client Sample ID.	Sierra No.	Date	Time (P.M.)	Matrix	Preservative	Container Type	No. of Containers	TPH-91010 (P&B 8015 M10)		VOCs + Fuel Oxy (B20015)		Total Lead (B201015)	
SB-1015'	01	10/13/21	4:10	SOIL	ICE	GLASS	1	X		X		X	
SB-1010'	02	10/13/21	4:14	SOIL	ICE	GLASS	1						
SB-1015'	03	10/13/21	4:21	SOIL	ICE	GLASS	1	X		X		X	
SB-2015'	04	10/13/21	2:59	SOIL	ICE	GLASS	1	X		X		X	
SB-2010'	05	10/13/21	3:02	SOIL	ICE	GLASS	1						
SB-2015'	06	10/13/21	3:09	SOIL	ICE	GLASS	1	X		X		X	
SB-3015'	07	10/13/21	3:21	SOIL	ICE	GLASS	1	X		X		X	
SB-3010'	08	10/13/21	3:24	SOIL	ICE	GLASS	1						
SB-3015'	09	10/13/21	3:31	SOIL	ICE	GLASS	1	X		X		X	
SB-4015'	10	10/13/21	3:44	SOIL	ICE	GLASS	1	X		X		X	
Sampler Signature: <i>Ruby Rivera</i>		Shipped Via:						Total Number of Containers Submitted to Laboratory		12			
Printed Name: POLY RIVERA		(Carrier Waybill No.)						The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under SIERRA's Terms and Conditions, unless otherwise agreed upon in writing between SIERRA and CLIENT.					
Relinquished By: <i>Ruby Rivera</i>		Date: 10/14/21	Received By: <i>AC</i>	10/14/21		Date: 10/14/21		Total Number of Containers Received by Laboratory		12			
Company: SALEM		Time:	Company: <i>SIERRA</i>	Time: 1425		Time: 1425							
Relinquished By:		Date:	Received By:	Date:		Date:							
Company:		Time:	Company:	Time:		Time:							
Relinquished By:		Date:	Received By:	Date:		Date:							
Company:		Time:	Company:	Time:		Time:							
Special Instructions:													
FOR LABORATORY USE ONLY - Sample Receipt Conditions:													
☒ Intact ☐ Chilled - Temp (°C) <i>5°C</i>													
☐ Sample Seals ☐ Preservatives - Verified By													
☒ Properly Labelled ☐ Other													
☒ Appropriate Sample Container ☐ Storage Location													



SIERRA ANALYTICAL

TEL: 949 • 348 • 9389

FAX: 949 • 348 • 9115

26052 Merit Circle • Suite 105 • Laguna Hills, CA • 92653

CHAIN OF CUSTODY RECORD

Date: 10 / 13 / 21 Page: 2 of 2

2110213

Lab Work Order No.:

Client Project ID:

3-421-0879

STARBUCKS SAN GABRIEL

Analyses Requested

TS-410 (EPA 8015M) VOCs & (EPA 8260B) TGAU (EPA 8210)

Geotracker EDD Info:

Turn Around Time Requested:

☐ Immediate ☐ 24 Hour

☐ 48 Hour ☐ 72 Hour

☐ 4 Day ☐ 5 Day

☒ Normal ☐ Mobile

Client LOGCODE

Site Global ID

Field Point Names / Comments

Client Sample ID.

Sierra No.

Date

Time (PM)

Matrix

Preservative

Container Type

No. of Containers

SB-4010

11

10/13/21

3:49

SOIL

ICE

GLASS

1

SB-4015

12

10/13/21

3:54

SOIL

ICE

GLASS

1

1

Sample Signature: Relya River

Shipped Via:

2

Relinquished By: Relya River

Received By:

Signature

Date: 10/14/21

Time: 1:25

Company: SALEM

Received By:

Date:

Time:

Company:

Received By:

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APPENDIX

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