Appendix F: Soil Gas Investigation Report

PARTNER

SOIL GAS

INVESTIGATION REPORT

1207 North Capitol Avenue

San Jose, California 95132

February 16, 2023

Partner Project Number: 22-376458.2

Prepared for:

Capitol Equity, LP

991 West Hedding Street, #103, Suite U26

San Jose, California 95126

Engineers who understand your business

PARTNER

February 16, 2023

Dan Morrar
Capitol Equity, LP
991 West Hedding Street, #103, Suite U26
San Jose, California 95126

Subject: Soil Gas Investigation Report
1207 North Capitol Avenue
San Jose, California 95132
Partner Project Number: 22-376458.2

Dear Mr. Morrar:

Partner Engineering and Science, Inc. is pleased to provide the results of the assessment performed at the above-referenced property. The following report describes the field activities, methods, and findings of the Soil Gas Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Mark Lambson at (619) 757-1119.

Sincerely,

Partner Engineering and Science, Inc.

Megan Davey, GIT
Environmental Scientist

Joe Mangine, PG
Senior Project Manger

PROFESSIONAL GEOLOGIST
JOSEPH C. MANGINE
No. 8423
STATE OF CALIFORNIA

Mark Lambson
National Client Manager

TABLE OF CONTENTS

ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

The purpose of the investigation was to evaluate the potential impact of chlorinated solvents to soil gas as a consequence of a release or releases from the off-site dry cleaning operations. Capitol Equity, LP provided project authorization of Partner Proposal Number P22-376458.2.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by Capitol Equity, LP (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at http://www.partneresi.com/terms-and-conditions.php.

2.0 SITE BACKGROUND

2.1 Site Description

The subject property consists of one parcel of land comprising 1.5 acres located on the southwest side of North Capitol Avenue within a mixed residential and commercial area of San Jose, Santa Clara County, California. The subject property is developed with a two-story single-family residential building, which was constructed in 2005. The northeast and southeast perimeter of the property are used for contractor equipment storage. In addition to the current structure, the subject property is improved with unpaved parking areas, associated landscaping, and drainage features.

The subject property is bound by commercial and residential properties to the northeast across North Capitol Avenue, commercial properties to the southeast, residential and commercial properties to the southwest, and residential properties to the northwest. Refer to Figure 1 for a site vicinity map showing site features, and surrounding properties.

2.2 Site History

Partner completed a draft *Phase I Environmental Site Assessment Report* (Phase I) for the subject property, dated July 13, 2022, prepared on behalf of Capitol Equity, LP. According to available historical sources, the subject property was formerly agricultural land (orchards) with up to three former associated buildings as early as 1939 and developed with the current residence in 2005.

The following business environmental risk (BER) was identified in the Phase I:

- Royal Cleaners at the addresses 1192-1198 North Capitol Avenue, is located approximately 530 feet to the southeast of the subject property across North Capitol Avenue and situated hydrologically up-gradient. According to information obtained from the regulatory database report and regulatory records reviewed, a former release case was closed for a former dry cleaning facility at this property in 1997; however, a case was reopened in 2018 after further investigation indicated that elevated levels of trichloroethene (TCE) and tetrachloroethene (PCE) were present in soil, soil vapor, and groundwater. Remediation has been underway in the form of a soil vapor extraction (SVE) system; however, regulatory standards have not yet been met.

  PCE was detected in 2019 at concentrations below the maximum contaminant level (MCL) at a well located northeast of the former dry cleaning facility. It was concluded in the 2019 Grab Groundwater Sampling Report obtained from the State Water Resources Control Board (SWRCB) GeoTracker website that the PCE release to groundwater has impacted a limited volume of groundwater and does not pose a significant threat to human health or the environment beyond the footprint of the building. As such, groundwater is not a concern to the subject property.

  Soil vapor appears to be the main concern at the former dry cleaning site; however, off-site soil vapor data has not been collected as of the date of the Phase I. According to the most recent document available on the GeoTracker website, the Department of Environmental Health (DEH) has required a soil vapor investigation be conducted at the directly adjoining residences (not the subject property). This report was due by May 2022; however, an extension was granted and extended to June 2022. That further investigation report is either not available on GeoTracker or has not been completed as

of the date of the Phase I. It is unlikely, but not impossible that the subject property may need additional investigation once the release case has been delineated further.

Based on the relative distance across a main roadway, the lack of significant groundwater impacts, and the remediation and regulatory oversight in place, the open release case is not expected to represent a significant environmental concern at this time.

In their Memorandum dated November 21, 2022, the City of San Jose Environmental Services Department (ESD) provided comments and expressed concerns regarding the potential off-site impacts from the solvent release at Royal Cleaners considering the proposed development of a daycare facility at the subject property.

2.3 Geology and Hydrogeology

Review of the United States Geological Survey (USGS) *Calaveras Reservoir, California* Quadrangle topographic map indicates the subject property is situated approximately 140 feet above mean sea level, and the local topography is sloping gently to the west-northwest. Refer to Figure 2 for a topographic map of the site vicinity.

The subject property is situated within the Northern Coastline SubProvince portion of the Coast Range physiographic province of the State of California. The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.

Subsurface lithology encountered in the upper 5 feet bgs consisted of silty clay. Groundwater was not encountered during this investigation and was not a part of the scope of work.

3.0 FIELD ACTIVITIES

The Soil Gas Investigation scope included the advancement of six borings (SG-1 through SG-6) to collect representative soil gas samples. Refer to Table 1 for a summary of the borings, sampling schedule, and laboratory analyses for this investigation.

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Utility Clearance

Partner delineated the work area with white spray paint and notified Underground Alert Services North (USA 811 North) to clear public utility lines as required by law at least two business days prior to drilling activities. USA 811 North issued ticket number 2023011901054 for the project.

In addition, Partner subcontracted with Blood Hound on January 24, 2023, to clear boring locations of utilities. Blood Hound systematically free-traversed each proposed boring location with a Radiodetection model RD7000 electromagnetic induction (EM) equipment unit with line-tracing capabilities, and a GSSI model SIR-3000 ground penetrating radar (GPR) unit. The data was interpreted in real time for evidence of utility lines and/or other subsurface features of potential concern. Based on the findings of the GPR survey, no subsurface utilities were identified within the proposed boring locations.

3.1.2 Health and Safety Plan

Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of drilling activities.

3.2 Drilling Equipment

On January 24, 2023, Partner subcontracted with Environmental Control Associates Inc. (ECA) (State of California Water Well Drilling Contractor License Number 695970) to provide and operate drilling equipment. ECA, under the direction of Partner, advanced borings SG-1 through SG-6 with a truck-mounted Geoprobe Model 5410 direct push rig. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

3.3 Sample Locations

Borings SG-1 through SG-6 were advanced to a terminal depth of 5 feet bgs using the direct-push drill rig. Borings SG-1 through SG-6 were advanced within the future building footprint, in the north, northwest, northeast, west, east, and southeast portions, respectively.

Refer to Figure 3 for a map indicating sample locations.

3.4 Soil Gas Sampling

Soil Gas Probe Construction

Soil gas probes screened at 5 feet bgs were constructed within the aforementioned boreholes upon completion of soil sampling. The soil borings were backfilled to approximately 5 feet bgs, and a new section of ¼-inch diameter polyethylene tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter polyvinyl chloride (PVC) casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately 1-foot long sand pack around the polypropylene filter, at which time the PVC piping was withdrawn. Approximately 1 foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to form a seal. The sampling end of the tubing was fitted with a valve and the probe was labeled for identification.

Soil Gas Sampling Methodology

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (RWQCB) "Advisory – Active Soil Gas Investigations."

Soil gas samples were collected using 1-liter, stainless-steel, cylindrical SUMMA canisters. The sampling containers were provided by SunStar Laboratories, Inc. (SunStar) a state-certified laboratory (California Department of Public Health Environmental Laboratory Accreditation Program certificate number 2250) in Lake Forest, California, which subjected each canister to a rigorous cleaning process using a combination of dilution, heat, and high vacuum. After cleaning, the canisters were batch certified to be free of target contaminants to a specified reporting limit (RL) via gas chromatography/mass spectroscopy prior to delivery.

Partner received the SUMMA canisters evacuated to approximately -30 inches of mercury. The SUMMA canisters were fitted with stainless-steel flow controllers, which SunStar calibrated to maintain constant flow (approximately 0.1 liter per minute) for approximately 5 to 10 minutes of sampling time.

Each probe was allowed to equilibrate for a minimum of two hours after installation prior to sampling. After equilibration, the sample tubing and sampler screen were purged of three probe volumes of ambient air using a separate one-liter SUMMA purge volume canister evacuated to approximately -30 inches of mercury. A tracer gas, 1,1-diflouroethane (1,1-DFA), was placed around each probe at the ground surface while sampling to detect ambient air intrusion. Once the sampling tubing was purged of ambient air, the sampling end of the tubing was fitted to the sampling canister and the port valve was opened, causing air to enter the sample container due to the pressure differential. Partner closed the valves after the canister was evacuated to approximately -1 to -2 inches of mercury, with pertinent data (e.g., time, canister vacuum) recorded at the start and end of sampling. The SUMMA canisters were disconnected from the sampling ports and labeled for identification prior to analysis.

Soil gas samples were collected from each boring at 5 feet bgs.

3.5 Post-Sampling Activities

Probes were removed from the subsurface and the boreholes were backfilled with hydrated bentonite chips following sampling activities. Boreholes advanced in improved areas were capped with concrete or asphalt patch to match existing ground cover after being backfilled.

No significant amounts of derived wastes were generated during this investigation.

4.0 DATA ANALYSIS

4.1 Laboratory Analysis

Partner collected six soil gas samples on January 24, 2023, which were transported under chain-of-custody protocol to SunStar for analysis. Each soil gas sample (six soil gas samples total) was analyzed for chlorinated solvents [specifically PCE; TCE; cis-1,2-dichloroethene (DCE); trans-1,2-DCE; 1,1-DCE; and vinyl chloride] via United States Environmental Protection Agency (EPA) Method TO-15.

Laboratory analytical results are included in Appendix A and discussed below.

4.2 Regulatory Agency Comparison Criteria

Environmental Screening Levels - 2019

The San Francisco Bay RWQCB has established Environmental Screening Levels (ESLs) as an initial screening level evaluation. ESLs aid in assessing the potential threats to human health, terrestrial/aquatic habitats, and/or drinking water resources due to contaminants in soil, soil gas, and/or groundwater. Under most circumstances, the presence of contamination below applicable ESLs can be assumed to not pose a significant, chronic (i.e., long-term) adverse risk to the applicable receptor of concern. Conversely, sites that exceed ESLs generally require further evaluation and/or remediation. Please note that the ESLs were developed using default assumptions (e.g., standard exposure factors) and, consequently, are only meant for screening level assessments. The ESLs should not be considered enforceable regulatory standards. Cleanup levels ultimately dependent on site-specific factors and are established by the regulatory agencies on a case-by-case basis.

4.3 Soil Gas Sample Data Analysis

Five of the six analyzed soil gas samples (SG-1, SG-2, SG-3, SG-4, and SG-6) contained detectable concentrations of PCE above laboratory Method Detection Limits (MDLs). PCE was detected in sample SG-6 at a concentration of 290 micrograms per cubic meter ($\mu g/m^3$), which exceeds the residential and commercial/industrial ESLs of 15 $\mu g/m^3$ and 67 $\mu g/m^3$, respectively. 1,1 DCE was detected in one of the analyzed soil gas samples (SG-6) at a concentration above the laboratory MDL, however this concentration does not exceed applicable ESLs. No other chlorinated solvents were detected in the analyzed soil gas samples at concentrations above laboratory MDLs, and the MDLs are below applicable ESLs.

Refer to Table 2 for a summary of the soil gas sample chlorinated solvents laboratory analysis results.

4.4 Discussion

PCE was detected in one of the six analyzed soil gas samples (SG-6) at a concentration exceeding regulatory screening criteria. The source of the identified PCE impacts to soil gas is likely related to the known PCE impacts at the off-site dry cleaning facility to the southeast of the subject property. The regulatory screening exceedances in soil gas indicate a potential vapor intrusion concern for the future occupants of the subject property.

5.0 SUMMARY AND CONCLUSIONS

Partner conducted a Soil Gas Investigation at the subject property to evaluate the potential impact of chlorinated solvents to soil gas as a consequence of a release or releases from the off-site dry cleaning operations. The scope of the Soil Gas Investigation included the advancement of six borings. Six soil gas samples were analyzed for chlorinated solvents (specifically PCE; TCE, cis-1,2-DCE trans-1,2-DCE, 1,1-DCE, and vinyl chloride).

Subsurface lithology encountered in the upper 5 feet bgs consisted of silty clay. Groundwater was not encountered during this investigation.

PCE was detected in one of the six analyzed soil gas samples (SG-6) at a concentration exceeding regulatory screening criteria. The source of the identified PCE impacts to soil gas is likely related to the known PCE impacts at the off-site dry cleaning facility to the southeast of the subject property. The regulatory screening exceedances in soil gas indicate a potential vapor intrusion concern for the future occupants of the subject property.

As such, Partner recommends additional steps during future construction activities (i.e., vapor mitigation system installation) to address the identified vapor intrusion concern at the subject property.

TABLES

PARTNER

Table 1: Summary of Investigation Scope
1207 North Capitol Avenue
San Jose, California 95132
Partner Project Number: 22-376458.2
Dates of Sample Collection: January 24, 2023

Boring Identification	REC/Issue	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
SG-1	Off-Site Dry Cleaning Operations	Within Future Building Footprint: North	5	Soil Gas	5	Chlorinated Solvents
SG-2		Within Future Building Footprint; Northwest	5	Soil Gas	5	
SG-3		Within Future Building Footprint; Northeast	5	Soil Gas	5	
SG-4		Within Future Building Footprint; West	5	Soil Gas	5	
SG-5		Within Future Building Footprint; East	5	Soil Gas	5	
SG-6		Within Future Building Footprint; Southeast	5	Soil Gas	5	

Notes:

*Each soil gas sample was analyzed for chlorinated solvents [specifically tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), trans-1,2-DCE, 1,1-DCE, and vinyl chloride] via United States Environmental Protection Agency (EPA) Method TO-15.

REC = recognized environmental condition

bgs = below ground surface

PARTNER

Table 2: Soil Gas Sample Chlorinated Solvents Laboratory Results
1207 North Capitol Avenue
San Jose, California 95132
Partner Project Number: 22-376458.2
Dates of Sample Collection: January 24, 2023

EPA Method	Chlorinated Solvents via TO-15							
Units	($\mu g/m^3$)							
Analyte	Residential ESL	Commercial/ Industrial ESL	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6
PCE	15	67	3.0 J	4.3 J	2.7 J	2.8 J	<0.59	290
1,1-DCE	2,400	10,000	<0.12	<0.12	<0.12	<0.12	<0.12	3.2 J
1,1-DFA (tracer)	NE	NE	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Other Chlorinated Solvents	Varies	Varies	ND	ND	ND	ND	ND	ND

Notes:

EPA = United States Environmental Protection Agency

$\mu g/m^3$ = micrograms per cubic meter

ESL = Environmental Screening Level (San Francisco Bay Regional Water Quality Control Board - 2019) for evaluation of potential vapor intrusion human health risk, Table SG-1

PCE = tetrachloroethene

DCE = dichloroethene

DFA = difluoroethane

< = not detected at or above indicated laboratory Method Detection Limits (MDLs)

J = detected but below the laboratory Reporting Limit (RL); therefore, result is an estimated concentration

NE = not established

ND = not detected above the laboratory MDLs

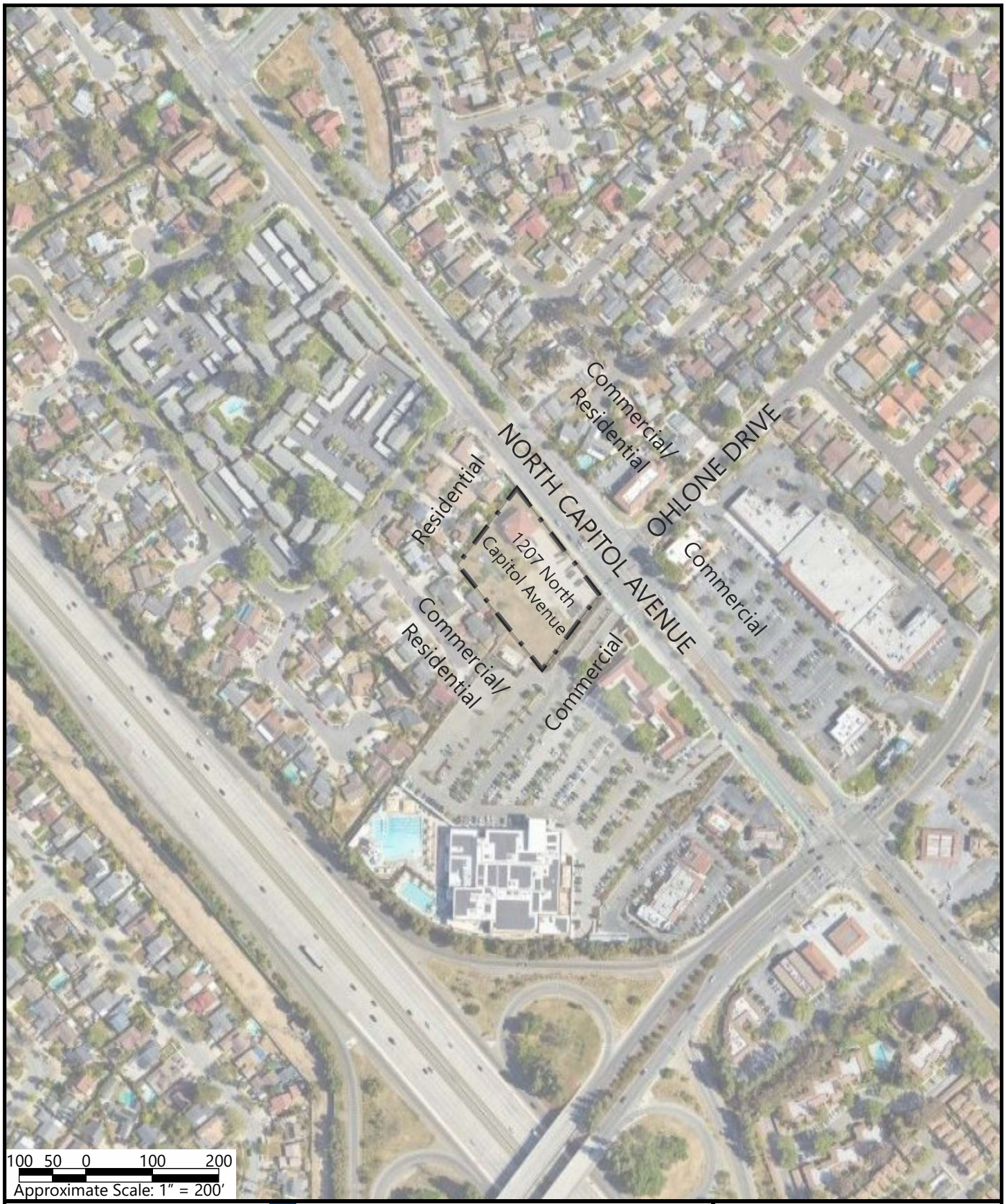
Values in bold exceed laboratory RLs

Yellow highlighted values exceed residential and commercial/industrial regulatory guidelines

PARTNER

FIGURES

PARTNER



PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 22-376458.2

N

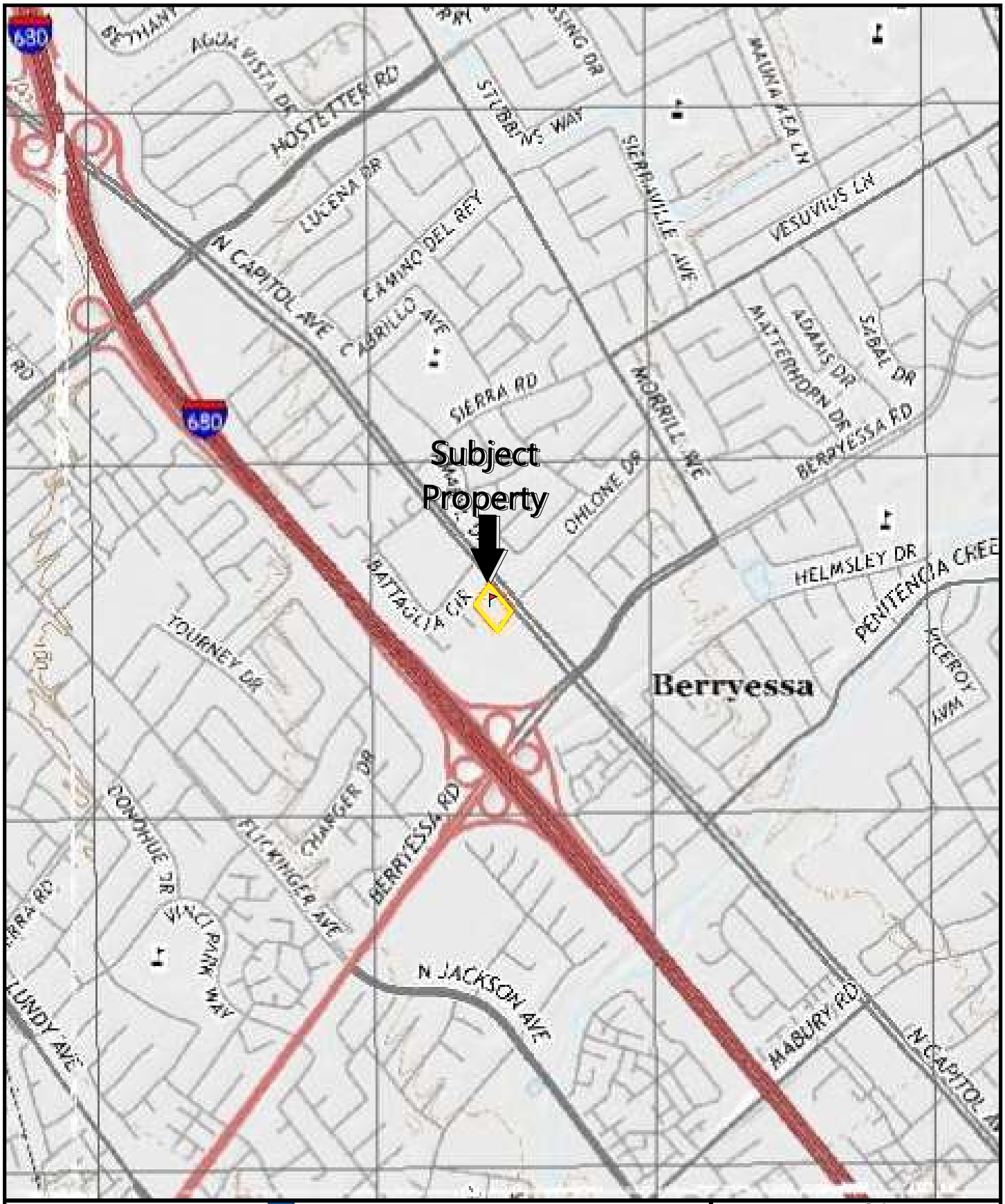
Legend

Subject Property

Site Vicinity Map

Figure	Prepared By	Date
1	M. Davey	Feb. 2023

1207 North Capitol Avenue
San Jose, California 95132



PARTNER

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 22-376458.2

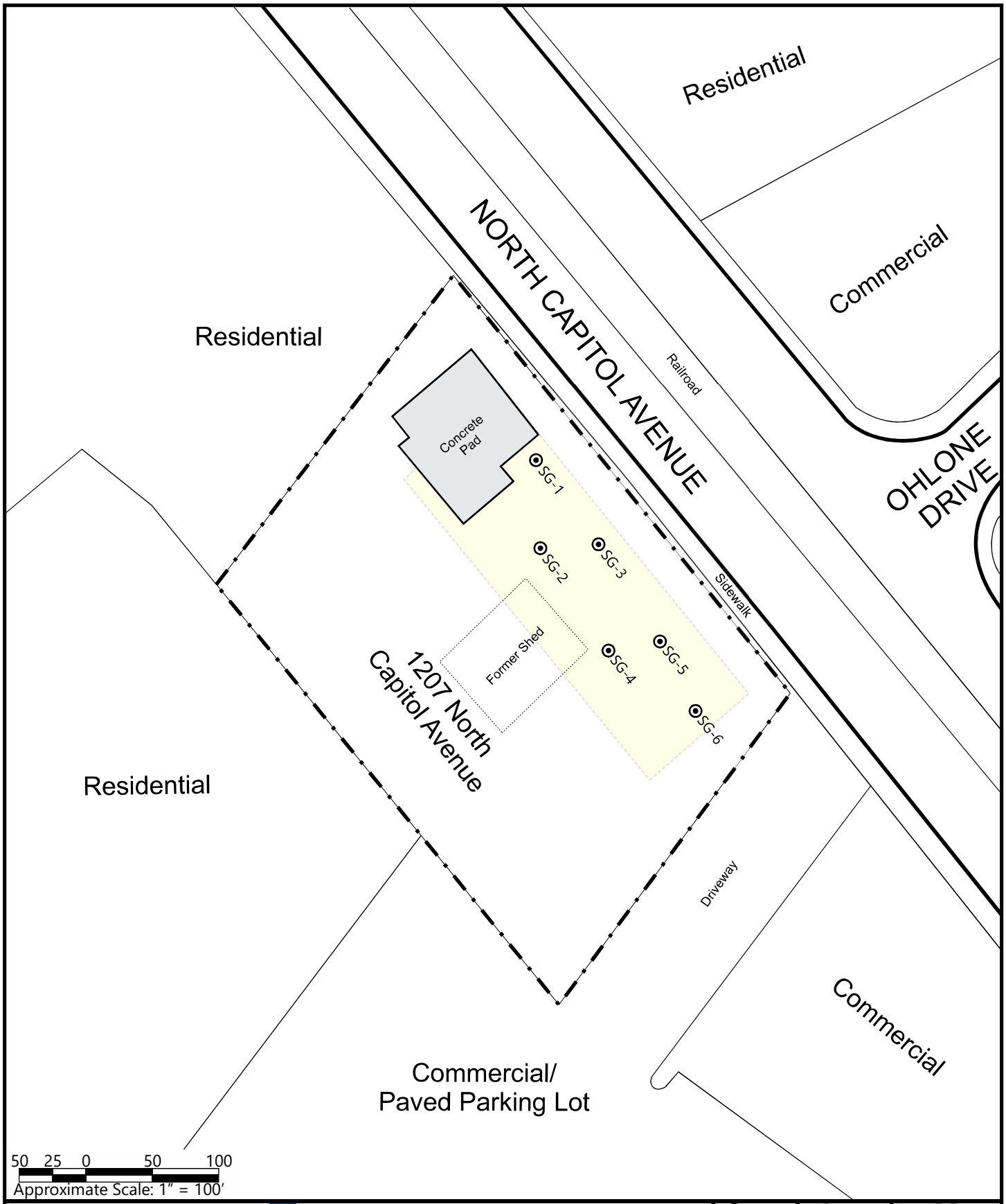
N

USGS *Calaveras Reservoir, California* Quadrangle
Version: 2015

Topographic Map

Figure	Prepared By	Date
2	M. Davey	Feb. 2023

1207 North Capitol Avenue
San Jose, California 95132



PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 22-376458.2

N

Legend

Subject Property

Boring Location

Proposed Building Footprint (Approximate)

Sample Location Map

Figure	Prepared By	Date
3	M. Davey	Feb. 2023

1207 North Capitol Avenue
San Jose, California 95132

APPENDIX A: LABORATORY ANALYTICAL REPORT

PARTNER

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

02 February 2023

Joe Mangine
Partner Engineering & Science, Inc.--Oakland
1017 22nd Ave. Suite 107
Oakland, CA 94606

RE: San Jose

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joann Marroquin
Director of Operations

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-1	T230241-01	Air	01/24/23 12:27	01/27/23 12:00
SG-2	T230241-02	Air	01/24/23 12:29	01/27/23 12:00
SG-3	T230241-03	Air	01/24/23 12:32	01/27/23 12:00
SG-4	T230241-04	Air	01/24/23 12:34	01/27/23 12:00
SG-5	T230241-05	Air	01/24/23 12:30	01/27/23 12:00
SG-6	T230241-06	Air	01/24/23 12:31	01/27/23 12:00

Joann Marroquin

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

DETECTIONS SUMMARY

Sample ID: SG-1 **Laboratory ID:** T230241-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**3.0**	6.9	ug/m³ Air	TO-15	J

Sample ID: SG-2 **Laboratory ID:** T230241-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**4.3**	6.9	ug/m³ Air	TO-15	J

Sample ID: SG-3 **Laboratory ID:** T230241-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2.7**	6.9	ug/m³ Air	TO-15	J

Sample ID: SG-4 **Laboratory ID:** T230241-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2.8**	6.9	ug/m³ Air	TO-15	J

Sample ID: SG-5 **Laboratory ID:** T230241-05

No Results Detected

Sample ID: SG-6 **Laboratory ID:** T230241-06

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**3.2**	4.0	ug/m³ Air	TO-15	J

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

Sample ID: SG-6 **Laboratory ID:** T230241-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**290**	6.9	ug/m³ Air	TO-15	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-1

T230241-01(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloroethene	ND	0.12	4.0	ug/m³ Air	1.55	23A0363	01/31/23	02/01/23	TO-15	
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	**3.0**	0.59	6.9	"	"	"	"	"	"	J
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*		*59.2-130*	"	"	"	"	

Joann Marroquin

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
949.297.5020 Phone
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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-2

T230241-02(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1-Dichloroethene	ND	0.12	4.0	ug/m³ Air	1.55	23A0363	01/31/23	02/01/23	TO-15	
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	**4.3**	0.59	6.9	"	"	"	"	"	"	J
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*107 %*		*59.2-130*		*"*	*"*	*"*	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-3

T230241-03(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1-Dichloroethene	ND	0.12	4.0	ug/m³ Air	1.5	23A0363	01/31/23	02/01/23	TO-15	
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	**2.7**	0.59	6.9	"	"	"	"	"	"	J
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*106 %*	*59.2-130*		*"*	*"*	*"*	*"*	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-4

T230241-04(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1-Dichloroethene	ND	0.12	4.0	ug/m³ Air	1.5	23A0363	01/31/23	02/01/23	TO-15	
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	**2.8**	0.59	6.9	"	"	"	"	"	"	J
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*105 %*	*59.2-130*		*"*	*"*	*"*	*"*	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-5

T230241-05(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloroethene	ND	0.12	4.0	ug/m³ Air	1.48	23A0363	01/31/23	02/01/23	TO-15	
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.59	6.9	"	"	"	"	"	"	
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*59.2-130*		"	"	"	"	

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.

Joann Marroquin

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Providing Quality Analytical Services Nationwide

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

SG-6

T230241-06(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1-Dichloroethene	**3.2**	0.12	4.0	ug/m³ Air	1.52	23A0363	01/31/23	02/01/23	TO-15	J
cis-1,2-Dichloroethene	ND	0.18	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.11	4.0	"	"	"	"	"	"	
Tetrachloroethene	**290**	0.59	6.9	"	"	"	"	"	"	
Trichloroethene	ND	0.16	5.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.093	2.6	"	"	"	"	"	"	
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*90.7 %*	*59.2-130*		*"*	*"*	*"*	*"*	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 23A0363 - Canister Analysis											
Blank (23A0363-BLK1)				Prepared: 01/31/23 Analyzed: 02/01/23							
Surrogate: 4-Bromofluorobenzene	*372*			*ug/m³ Air*	*362*		*103*	*59.2-130*			
Acetone	ND	1.3	12	"							
1,3-Butadiene	ND	0.17	4.5	"							
Carbon Disulfide	ND	0.089	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"							
Isopropyl alcohol	ND	0.33	13	"							
Bromodichloromethane	ND	0.30	6.8	"							
Bromoform	ND	0.23	11	"							
Bromomethane	ND	0.11	20	"							
Carbon tetrachloride	ND	0.18	6.4	"							
Chlorobenzene	ND	0.12	4.7	"							
Chloroethane	ND	0.20	2.7	"							
Chloroform	ND	0.15	5.0	"							
Chloromethane	ND	0.074	11	"							
Cyclohexane	ND	0.65	3.5	"							
Heptane	ND	0.32	4.2	"							
Hexane	ND	0.38	3.6	"							
Dibromochloromethane	ND	0.25	8.7	"							
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"							
1,2-Dichlorobenzene	ND	0.31	31	"							
1,3-Dichlorobenzene	ND	0.23	31	"							
1,4-Dichlorobenzene	ND	0.37	31	"							
Dichlorodifluoromethane	ND	0.18	5.0	"							
1,1-Dichloroethane	ND	0.16	4.1	"							
1,2-Dichloroethane	ND	0.21	4.1	"							
1,1-Dichloroethene	ND	0.12	4.0	"							

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 23A0363 - Canister Analysis											
Blank (23A0363-BLK1)					Prepared: 01/31/23 Analyzed: 02/01/23						
cis-1,2-Dichloroethene	ND	0.18	4.0	ug/m³ Air							
trans-1,2-Dichloroethene	ND	0.11	4.0	"							
1,2-Dichloropropane	ND	0.30	4.7	"							
cis-1,3-Dichloropropene	ND	0.29	4.6	"							
trans-1,3-Dichloropropene	ND	0.28	4.6	"							
4-Ethyltoluene	ND	0.19	5.0	"							
Methylene chloride	49.3	2.6	27	"							B-03
Styrene	ND	0.16	4.3	"							
1,1,2,2-Tetrachloroethane	ND	0.17	7.0	"							
Tetrahydrofuran	ND	0.17	3.0	"							
Tetrachloroethene	ND	0.59	6.9	"							
1,1,2-Trichloroethane	ND	0.30	5.6	"							
1,1,1-Trichloroethane	ND	0.14	5.6	"							
Trichloroethene	ND	0.16	5.5	"							
Trichlorofluoromethane	ND	0.16	5.7	"							
1,3,5-Trimethylbenzene	ND	0.23	5.0	"							
1,2,4-Trimethylbenzene	ND	0.22	5.0	"							
Vinyl acetate	ND	0.91	3.6	"							
Vinyl chloride	ND	0.093	2.6	"							
1,4-Dioxane	ND	0.44	18	"							
2-Butanone (MEK)	ND	0.27	15	"							
Methyl isobutyl ketone	ND	0.15	42	"							
Benzene	ND	0.080	3.3	"							
Toluene	ND	0.33	3.8	"							
Ethylbenzene	ND	0.11	4.4	"							
m,p-Xylene	ND	0.14	8.8	"							
o-Xylene	ND	0.11	4.4	"							

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 23A0363 - Canister Analysis											
Blank (23A0363-BLK1)					Prepared: 01/31/23 Analyzed: 02/01/23						
1,1-Difluoroethane (1,1-DFA)	ND	3.3	27	ug/m³ Air							
Duplicate (23A0363-DUP1)			**Source: T230246-01**		Prepared & Analyzed: 01/31/23						**TO-15 High**
Surrogate: 4-Bromofluorobenzene	*388*			*ug/m³ Air*	*362*		*107*	*59.2-130*			
Acetone	502	17	120	"		531			5.73	30	
1,3-Butadiene	ND	8.3	110	"		ND				30	
Carbon Disulfide	ND	11	160	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	20	390	"		ND				30	
Isopropyl alcohol	ND	22	130	"		ND				30	
Bromodichloromethane	ND	15	340	"		ND				30	
Bromoform	ND	26	530	"		ND				30	
Bromomethane	ND	15	200	"		ND				30	
Carbon tetrachloride	ND	12	320	"		ND				30	
Chlorobenzene	ND	5.6	230	"		ND				30	
Chloroethane	ND	11	130	"		ND				30	
Chloroform	ND	9.4	250	"		ND				30	
Chloromethane	ND	7.4	110	"		ND				30	
Cyclohexane	ND	12	170	"		ND				30	
Heptane	ND	21	210	"		ND				30	
Hexane	ND	10	180	"		ND				30	
Dibromochloromethane	ND	24	430	"		ND				30	
1,2-Dibromoethane (EDB)	ND	13	390	"		ND				30	
1,2-Dichlorobenzene	ND	18	310	"		ND				30	
1,3-Dichlorobenzene	ND	24	310	"		ND				30	
1,4-Dichlorobenzene	ND	22	310	"		ND				30	
Dichlorodifluoromethane	ND	15	250	"		ND				30	
1,1-Dichloroethane	ND	10	210	"		ND				30	

Joann Marroquin

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 23A0363 - Canister Analysis											
Duplicate (23A0363-DUP1)		**Source: T230246-01**		Prepared & Analyzed: 01/31/23							**TO-15 High**
1,2-Dichloroethane	ND	14	210	ug/m³ Air		ND				30	
1,1-Dichloroethene	ND	6.5	200	"		ND				30	
cis-1,2-Dichloroethene	170	9.7	200	"		173			2.05	30	J
trans-1,2-Dichloroethene	ND	13	200	"		ND				30	
1,2-Dichloropropane	ND	24	240	"		ND				30	
cis-1,3-Dichloropropene	ND	13	230	"		ND				30	
trans-1,3-Dichloropropene	ND	8.3	230	"		ND				30	
4-Ethyltoluene	ND	15	250	"		ND				30	
Methylene chloride	32.6	17	180	"		35.0			7.07	30	C-06, J
Styrene	ND	13	220	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	19	350	"		ND				30	
Tetrahydrofuran	ND	15	150	"		ND				30	
Tetrachloroethene	3760	19	350	"		3820			1.62	30	
1,1,2-Trichloroethane	ND	12	280	"		ND				30	
1,1,1-Trichloroethane	ND	11	280	"		ND				30	
Trichloroethene	188	8.7	270	"		186			1.04	30	J
Trichlorofluoromethane	ND	13	290	"		ND				30	
1,3,5-Trimethylbenzene	ND	15	250	"		ND				30	
1,2,4-Trimethylbenzene	ND	15	250	"		ND				30	
Vinyl acetate	ND	9.7	180	"		ND				30	
Vinyl chloride	ND	9.6	130	"		ND				30	
1,4-Dioxane	ND	59	180	"		ND				30	
2-Butanone (MEK)	170	11	150	"		175			3.30	30	
Methyl isobutyl ketone	ND	50	210	"		ND				30	
Benzene	ND	4.9	160	"		ND				30	
Toluene	ND	11	190	"		ND				30	
Ethylbenzene	ND	10	220	"		ND				30	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 23A0363 - Canister Analysis											
Duplicate (23A0363-DUP1)		**Source: T230246-01**		Prepared & Analyzed: 01/31/23							**TO-15 High**
m,p-Xylene	ND	15	220	ug/m³ Air		ND				30	
o-Xylene	ND	9.3	220	"		ND				30	
1,1-Difluoroethane (1,1-DFA)	ND	91	270	"		ND				30	

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Partner Engineering & Science, Inc.--Oakland	Project: San Jose	
1017 22nd Ave. Suite 107	Project Number: 22-376458.2	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	02/02/23 16:32

Notes and Definitions

TO-15 High	TO-15 analysis of sample was analyzed using an elevated calibration range due to high analyte and/or background concentrations. The reporting limit has been adjusted accordingly.
J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
C-06	Presence of analyte in sample suspected as common laboratory contaminant, which was also found in the method blank.
B-03	Analyte present in blank due to being a common laboratory contaminant.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

AIR LABORATORY

Chain of Custody Record

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE
25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Client: Dan Morrar
Address: 991 West Hedding St. #103, Suite 226, San Jose
Phone: 831-359-5041 Fax:
Project Manager: Joe Mangine

Date: 1-24-23 Page: 1 Of 1
Project Name: San Jose
Collector: M. Davey Client Project #: 22-376458.2
Batch #: T230241 EDF #:

Laboratory ID #	Sample ID	Date Sampled	Start Time	Finish Time	Sample Type: Soil Gas / Indoor Air	Container Type: Summa Can / Tedlar	Initial Pressure	Final Pressure	TO-3	TO-14	TO-15	Methane by GC - FID	Fixed Gases by TCD	RSK - 175		Summa Can, Manifold # / Comments
1	SG-1	1-24-23	12:22	12:27	soil gas	summa	30	2			X					0362, 8540
2	SG-2	"	"	12:29	"	"	"	2			X					0334, 8519
3	SG-3	"	"	12:32	"	"	"	2			X					0342, 8706
4	SG-4	"	"	12:34	"	"	"	2			X					0818, 8697
5	SG-5	"	"	12:30	"	"	"	0			X					0409, 8552
6	SG-6	"	"	12:31	"	"	"	0			X					0319, 8558

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	1-26-23 13:04	Ed Stevens	1/26/23 1304
Ed Stevens	1/26/2023 1700	GLS/Cesar	
GLS	1.27.23 1200		1.27.23 1200

Total # of containers: 6
Chain of Custody seals: Y/N/NA
Seals intact: Y/N/NA
Received good condition/cold: ✓
Turn around time: Standard

Notes
* 1,1-DFA as tracer
* Limited to chlorinated solvents - PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, vinyl chloride

* TO-15 SIM analysis available upon prior notification. **(Precertified Summa cans needed)**

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T230241

Client Name: Partner Project: San Jose

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: Date/Time Courier Received:

Lab Received by: Dave Date/Time Lab Received: 1·27·23 1200

Total number of coolers received: N/A Thermometer ID: SC-1 Calibration due : 8/2/23

Temperature: Cooler #1	°C +/- the CF (+ 0.1°C) =	°C corrected temperature	
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C) =	°C corrected temperature	
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C) =	°C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ Yes ☐ No ☒ N/A	
If NO:			
Samples received on ice?	☐ Yes	☐ No → **Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ No → **Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: BG 1·27·23

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Project Name: 2415 WEST CAPITOL AVE				Rebecca
Company: PARTNER				
Name: LAUREN HINCH				
Item		**Quantity**	**Unit**	
2 oz Jars 24/CS				
4 oz Jars 24/CS				
8 oz Jars 12/CS				
40 ml unpreserved VOAs 100/box				
40 ml HCL-preserved VOAs 72/box				
250 ml Poly 24/CS				
500 ml Poly 16/CS				
1 Liter Poly 12/CS				
500 ml Amber Bottle Wide 12/CS				
1 Liter Amber Bottle 12/CS				
1 Gallon Poly 4/box				
5035 kits:(2)Sodium Bisulfate VOAs 72/box				
	(1) Methanol VOA 72/box			
	(1) TERRACORE			
Lock-N-Load Handle 1/ea				
Tedlar Bags 10/pack				
Sub Slab Insert w/ washer & N/F				
Soil Gas SS 16" Drop Tubes				
Gas Extraction Fittings				
Soil Gas Filters				

	Volume of Summa	# Sent	Used	Unused	Unreturned
Batch Certified Summa Canisters	400cc				
	1L	6+1	CHARGE 6	0	0
	3L				
	6L				
Purge cans		1 PUMP	CHARGE 1	0	0
Nitrogen cans	1L				
Ind. Cerified Summa Cannisters	1L				
	3L				
	6L				

63/153 Manifolds, Var. Sampler, etc. Calibrated Correctly - Gauge Reads at 0			DB
Manifolds: Inst. Sampler, Variable Sampler, Shut In Set Ups, 150ml/mn, 63ml/mn	6 MANIFOLDS(150)	CHARGE 5	0
Swagelok Fittings: Nuts/Ferrules, Ts	6 N/Fs	CHARGE 6	0
Cooler (Sm, Med, Lrg) Number & Quantity			
Other: Poly Tube, Valves,Silicon Tape, etc.			
Prepared By: DB	Date: 1/18/23		
Reviewed By:	Date:		

Comments:

Cooler Policy: Failure to return cooler(s) within 30 days of receipt or if the returned cooler(s) are in unusable condition, will result in a $50 per cooler fee for replacement costs.

Check In Report

gigatrak.

Barcode	Description	Due Date	In Date	Condition	From Emp/Loc	To Storage Location	Bin Qty	Status
8706	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
8552	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
8519	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
8697	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
8540	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
8558	150 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
9001	Orange Box	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
0342	1000 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
0818	1000 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
0362	1000 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
0409	1000 cc	1/28/2023	1/27/2023 12:34 PM		Lauren Hinch	SunStar Labs South		
0261	1000 cc	1/28/2023	1/27/2023 12:35 PM		Lauren Hinch	SunStar Labs South		
0334	1000 cc	1/28/2023	1/27/2023 12:35 PM		Lauren Hinch	SunStar Labs South		
0319	1000 cc	1/28/2023	1/27/2023 12:35 PM		Lauren Hinch	SunStar Labs South		

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T230241

Client:	**Partner Engineering & Science, Inc.--Oakland**	**Project Manager:**	**Joann Marroquin**
Project:	**San Jose**	**Project Number:**	**22-576458.2**

Report To:
Partner Engineering & Science, Inc.--Oakland
Joe Mangine
1017 22nd Ave. Suite 107
Oakland, CA 94606

Date Due:	02/03/23 17:00 (5 day TAT)		
Received By:	Dave Berner	Date Received:	01/27/23 12:00
Logged In By:	Rebecca Traficanto	Date Logged In:	01/27/23 13:09

Samples Received at:

Custody Seals	Yes	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T230241-01 SG-1 [Air] Sampled 01/24/23 12:27 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:27	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-02 SG-2 [Air] Sampled 01/24/23 12:29 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:29	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-03 SG-3 [Air] Sampled 01/24/23 12:32 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:32	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-04 SG-4 [Air] Sampled 01/24/23 12:34 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:34	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-05 SG-5 [Air] Sampled 01/24/23 12:30 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:30	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-06 SG-6 [Air] Sampled 01/24/23 12:31 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:31	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride

Reviewed By _____ Date _____

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T230241

Client:	**Partner Engineering & Science, Inc.--Oakland**	**Project Manager:**	**Joann Marroquin**
Project:	**San Jose**	**Project Number:**	**22-576458.2**

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T230241

Client:	**Partner Engineering & Science, Inc.--Oakland**	**Project Manager:**	**Joann Marroquin**
Project:	**San Jose**	**Project Number:**	**22-376458.2**

Report To:

Partner Engineering & Science, Inc.--Oakland
Joe Mangine
1017 22nd Ave. Suite 107
Oakland, CA 94606

Date Due:	02/03/23 17:00 (5 day TAT)		
Received By:	Dave Berner	Date Received:	01/27/23 12:00
Logged In By:	Rebecca Traficanto	Date Logged In:	01/27/23 13:09

Samples Received at:

Custody Seals	Yes	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T230241-01 SG-1 [Air] Sampled 01/24/23 12:27 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:27	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-02 SG-2 [Air] Sampled 01/24/23 12:29 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:29	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-03 SG-3 [Air] Sampled 01/24/23 12:32 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:32	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-04 SG-4 [Air] Sampled 01/24/23 12:34 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:34	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-05 SG-5 [Air] Sampled 01/24/23 12:30 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:30	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride
T230241-06 SG-6 [Air] Sampled 01/24/23 12:31 (GMT-08:00) Pacific Time (US &				
TO-15	02/03/23 15:00	5	02/23/23 12:31	+1,1-DFA, Chlorinated Solvents Only: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl, Chloride

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T230241

Client:	**Partner Engineering & Science, Inc.--Oakland**	**Project Manager:**	**Joann Marroquin**
Project:	**San Jose**	**Project Number:**	**22-376458.2**

Reviewed By

Date