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APPENDIX E-2

Phase II Environmental Site Assessment



PHASE II SITE INVESTIGATION REPORT

2590 Walsh Avenue
Santa Clara, California

Prepared for:

Vantage Data Centers
2820 Northwestern Parkway
Santa Clara, California 95051

Prepared by:

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December 2020



PHASE II SITE INVESTIGATION REPORT

December 17, 2020

2590 Walsh Avenue
Santa Clara, California

Prepared for:

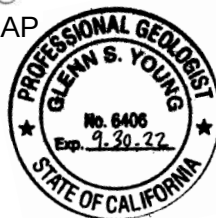
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TABLE OF CONTENTS

1.0	Introduction	1
1.1	Purpose and Background	1
1.2	Scope of Work.....	1
1.2.1	Pre-Field Activities	1
1.2.2	Soil Boring and Soil Vapor Probe Installation.....	1
1.2.3	Soil Sampling	2
1.2.4	Soil Vapor Sampling.....	2
2.0	Summary of Results	2
2.1	Field Quality Control.....	3
2.2	Results of Soil Analyses	3
2.3	Results of Soil Vapor Analyses	4
3.0	Conclusions and Recommendations	4
4.0	Limitations	4

Tables

Table 1: Results of Soil Analysis

Table 2: Results of Soil Vapor Analysis

Figures

Figure 1: Vicinity Map

Figure 2: Site Plan

Appendices

Appendix A: Soil Vapor Sampling Field Sheets

Appendix B: Laboratory Analytical Reports

1.0 Introduction

1.1 Purpose and Background

TRC has prepared this *Phase II Site Investigation Report* (Report) for the property at 2590 Walsh Avenue (Site) (**Figures 1 and 2**) on behalf of Vantage Data Centers (Vantage). The purpose of this Phase II investigation was to evaluate the presence of potential contaminants in soil and soil vapor from past uses at the Site.

The Site comprises approximately 6.69 acres of land located at 2590 Walsh Avenue, Santa Clara, California 95051. The Site, located in a light industrial and commercial business land use area, is currently owned by Stephens & Stephens (Walsh Avenue), LLC, and is leased by Mia Sole, for operation as a solar panel manufacturing facility. The property consists of a single, one-story building, totaling approximately 11,585 square feet. The remainder of the Site consists of paved parking, landscaping, and concrete sidewalks.

The Site is bordered on the north by a light industrial/office building with parking lot and landscaped areas, and the Vantage Data Centers campus across Walsh Avenue; on the east by a light industrial/office building with parking lot and landscaped areas; on the south by SamTrans railroad tracks; and on the west by the City of Santa Clara Uranium Substation. The general area south of the Site includes residential areas, and other surrounding areas to the north, east, and west are light industrial and commercial entities. We understand that Vantage is considering the purchase and redevelopment of the Site to expand their commercial data center campus. Accordingly, results of analyses were compared to Environmental Screening Levels (ESLs) for construction worker and commercial land uses.

Historical uses of the Site and adjoining properties may have resulted in the presence of hazardous substances on the property in the form of presumed shallow soil and/or soil vapor impacts from historical agricultural orchard and semiconductor manufacturing operations. Because no chemical characterization of subsurface conditions has been conducted at the Site, TRC completed this Phase II investigation to evaluate soil and soil vapor quality at the Site. Results of this investigation may be used to facilitate certain Site redevelopment activities.

1.2 Scope of Work

On August 20, 2020, TRC completed Borings SP1 through SP5, and HA6 through HA8 to a total depth of 6.5 feet below ground surface (bgs). Details regarding the field activities are described below.

1.2.1 Pre-Field Activities

Prior to commencing drilling activities at the Site, TRC contracted a private utility locator to clear drilling locations, marked boring and probe locations, and notified Underground Service Alert (USA).

1.2.2 Soil Boring and Soil Vapor Probe Installation

The borings were drilled by Penecore Drilling, a licensed drilling contractor, using hand auger methods to 6.5 feet bgs. At each boring location, soil samples were continuously logged in accordance with the Unified Soil Classification System (USCS), and a photoionization detector (PID) was used to collect headspace readings to measure for elevated volatile compounds at

each sampling interval. TRC observed no staining or obvious signs of contamination in the samples collected. Field screening detected low PID readings ranging from 0.0 to 1.82 ppm.

Subsurface conditions consisted primarily of dark brown, lean and fat clay in the upper 1.5 to 3 feet bgs, underlain by dark brown, lean, silty clay to the total boring depth of 6.5 feet bgs. Groundwater was not encountered during this investigation.

TRC also oversaw completion of five (5) permanent soil vapor probes, SV-1 through SV-5. The probes were installed to a total depth of 6.5 feet bgs with the sample port installed at approximately 6 feet bgs with a dedicated AMS gas vapor tip fitted with a fine stainless-steel screen. Each probe included a sand pack from 6.5 feet to 5.5 feet, dry bentonite from 5.5 to 5 feet, hydrated bentonite from 5 feet to 0.5 feet, and neat cement at the surface. Each probe was secured at the ground surface with a flush-mounted well box.

1.2.3 Soil Sampling

At Borings SP1 through SP5 and HA7 through HA8, soil samples were collected at depths of 1, 2, 3, 4, and 5 feet bgs. At Boring HA6, samples were collected at 1, 1.5, 3, 4, and 5 feet bgs. Samples were collected using standard industry practices, including worker safety protocols, equipment decontamination, and chain-of-custody documentation. Samples were submitted under chain-of-custody documentation for analysis by Eurofins TestAmerica, Pleasanton, a State-certified chemical laboratory.

A total of 16 soil samples, including the 1 and 2 feet bgs samples from SP1 through SP5, HA6, and HA8 and the 1 and 3 feet bgs samples from HA7, were analyzed for the following:

- Volatile Organic Compounds (VOCs) using EPA Method 8260B;
- Diesel Range Organics (DRO), including diesel and motor oil, using EPA Method 8015B;
- Organochlorine Pesticides using EPA Method 8081A; and
- 17 Title 22 Metals using Method 6020/7471.

At each location, the sample to be analyzed was collected using four 4-ounce amber glass jars, one 4-ounce clear glass jar, and one 2-ounce clear glass jar.

Results of analyses are discussed in Section 2.2 below.

1.2.4 Soil Vapor Sampling

On August 28, 2020 and November 23, 2020, representative soil vapor samples were collected in accordance with Department of Toxic Substances Control (DTSC) protocols, using a helium shroud for leak-check purposes. The five soil vapor samples were submitted under chain-of-custody documentation for analysis by Torrent Laboratory, Inc. (August sampling) and Eurofins Air Toxics (November sampling), both State-certified chemical laboratories, and analyzed for VOCs using EPA Method TO-15. Soil vapor sampling field sheets are included in **Appendix A**. Results of analyses are discussed in Section 2.3 below.

2.0 Summary of Results

Results of analyses on soil and soil vapor samples collected during this investigation are

summarized on **Table 1** and **Table 2**, respectively. Copies of the laboratory reports with chain-of-custody documentation are presented in **Appendix B**.

For the purposes of this report and in consideration of the planned commercial future use of the Site, results of soil and soil vapor analyses were compared to commercial and construction worker ESLs.

2.1 Field Quality Control

Using our Standard Operating Procedures, TRC completed field shut-in and helium leak checks prior to collecting soil vapor samples. For the August 28, 2020 soil vapor sampling, detected helium concentrations in the soil vapor samples ranged from 1.6 to 5.5 percent, exceeding the 5% acceptable helium threshold based on the shroud concentration. All five soil vapor locations were resampled on November 23, 2020 and analyzed by Eurofins Air Toxics, a State-certified chemical laboratory, for VOCs using EPA Method TO-15. No helium was detected above the laboratory reporting limit in these samples. Therefore, the November soil vapor sampling results are considered valid for the purposes of this investigation (**Table 2**).

2.2 Results of Soil Analyses

Analyses detected relatively low concentrations of VOCs, including o-xylene, p-isopropyltoluene, styrene, and GRO, as well as diesel and motor oil that did not exceed respective ESLs established by the RWQCB for construction worker or commercial land uses (**Table 1**). In SP4-01, analyses detected the highest values of diesel (260 mg/kg) and motor oil (5,900 mg/kg), well below respective the construction worker and commercial ESLs.

Analyses also detected relatively low concentrations of pesticides in several samples, including 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, and endosulfan II. No detected concentrations exceeded respective ESLs for construction worker or commercial land uses.

Except for arsenic, no detected metals concentrations exceeded respective construction worker or commercial ESLs. Detected arsenic concentrations ranged from 1.5 to 32 mg/kg, exceeding the accepted background concentration of 11 mg/kg in three samples (17 mg/kg in SP1-01, 23 mg/kg in HA06-01, and 32 mg/kg in HA-02). Detected lead ranged from 2.6 to 110 mg/kg which is below the construction worker and commercial land use ESLs of 160 and 320 mg/kg, respectively. We note that detected chromium concentrations ranged from 27 to 84 mg/kg, which are considered consistent with anticipated local background values.

To evaluate possible waste classification, samples SP1-01, HA6-01, and HA6-02 were tested for soluble lead using Waste Extraction Test (WET), and HA6-02 was tested for soluble lead using Toxic Characteristic Leaching Procedure (TCLP). Additionally, sample SP4-01 was analyzed for soluble barium using WET.

Using the WET method, analysis detected soluble lead at a concentration of 1.9 milligrams per liter (mg/L) in SP1-01, 2.5 mg/L in HA6-01, and 2.4 mg/L in HA6-02, which are below the Soluble Threshold Limit Concentration (STLC) of 5.0 mg/L, one of the criteria used to classify a waste as hazardous. Using the TCLP Method, analyses detected 0.032 mg/L of soluble lead in HA6-02, below the TCLP of 5.0 mg/L, another of the criteria used to classify a waste as hazardous. Soluble barium in SP4-01 was detected at 6.9 mg/L, which is below the STLC threshold of 100 mg/L.

2.3 Results of Soil Vapor Analyses

Analyses on the five soil vapor samples detected no VOC concentrations exceeding commercial ESLs, except for chloroform at SP4 (26 $\mu\text{g}/\text{m}^3$), which exceeded the commercial ESL of 18 $\mu\text{g}/\text{m}^3$.

3.0 Conclusions and Recommendations

For the shallow samples collected during this investigation, analyses detected 260 mg/kg of diesel and 5,900 mg/kg of motor oil in one of the 16 shallow soil samples; however, detected concentrations are well below the respective commercial ESL criteria. Analyses also detected up to 32 mg/kg of arsenic, exceeding the established background value of 11 mg/kg in 3 of the 16 shallow soil samples tested.

In TRC's opinion, the presence of arsenic concentrations may be attributed to historical fungicide application, and exposure to these relatively low concentrations can be mitigated during and after construction using standard dust mitigation and worker safety measures. Accordingly, TRC recommends preparing and implementing a Soil Management Plan (SMP) to summarize existing chemical conditions at the Site, provide worker notification, and present guidance and safety considerations for soil handling and disposal during construction or redevelopment activities. In the event that surplus soil is generated for offsite disposal and in the absence of additional soil characterization for that surplus soil, results of analyses from this investigation indicate that surplus soil would be classified as a non-hazardous waste suitable for offsite disposal at a Class II or III landfill facility subject to facility acceptance.

For the soil vapor samples, analyses detected no VOCs exceeding respective commercial ESLs, except chloroform at SP4. Although the source of the chloroform is unknown at this time, chloroform is often found as a laboratory contaminant, and it is TRC's professional opinion that that detected soil vapor concentrations do not represent a significant adverse impact to the planned commercial land use. In the event that the Site is redeveloped for residential land use, additional evaluation of soil vapor conditions may be warranted.

4.0 Limitations

This Report was prepared for the sole use of the Vantage Data Centers. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location. The chemical and other data presented in this report can change over time and are applicable only to the time this investigation was performed.

The accuracy and reliability of geochemical studies are a reflection of the number and type of samples taken and the extent of the analyses conducted, and are thus inherently limited and dependent upon the resources expended. Chemical analyses were performed for specific parameters during this investigation, as detailed in the scope of work. Please note that additional constituents not analyzed during this evaluation may be present in soil at the site. Our sampling and analysis plan was designed using accepted environmental principles and our judgment for the performance of a soil quality evaluation. It is possible to obtain a greater degree of certainty, if desired, by implementing a more rigorous soil sampling program or evaluating the risk posed by the contaminants detected.

TABLES

Table 1 - Results of Soil Analyses
Phase II Site Investigation
2950 Walsh Avenue
Santa Clara, CA

Analyte	Sample ID																Soil Screening Levels					
	SP1-01	SP1-2	SP2-01	SP2-2	SP3-01	SP3-2	SP4-01	SP4-2	SP5-01	SP5-2	HA6-01	HA6-02	HA7-2	HA7-3	HA8-01	HA8-2	TTLCs ^a	STLCs ^a	TCLP ^b	RWQCB ESLs ^c		
	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20	8/20/20				Res	Comm	Const
Volatile Organic Compounds (VOCs; EPA 8260B) All values reported in mg/kg.																						
All VOCs	^	ND	^	^	ND	ND	ND	ND	ND	ND	ND	^	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
Gasoline Range Organics (GRO)-C4-C12	<0.098	<0.098	0.24	0.068 J	<0.099	<0.10	<0.10	<0.098	<0.098	<0.097	<0.10	<0.099	<0.099	<0.096	<0.097	<0.10	NE	NE	NE	430	2000	1,800
o-Xylene	0.00055 J	<0.00098	<0.0010	<0.00097	<0.00099	<0.0010	<0.0010	<0.00098	<0.00098	<0.00097	<0.0010	<0.00099	<0.00099	<0.00096	<0.00097	<0.0010	NE	NE	NE	580	2,500	2,400
p-Isopropyltoluene	<0.00098	<0.00098	0.004	0.001	<0.00099	<0.0010	<0.0010	<0.00098	<0.00098	<0.00097	<0.0010	<0.00099	<0.00099	<0.00096	<0.00097	<0.0010	NE	NE	NE	NE	NE	NE
Styrene	<0.00098	<0.00098	<0.0010	<0.00097	<0.00099	<0.0010	<0.0010	<0.00098	<0.00098	<0.00097	<0.0010	0.003	<0.00099	<0.00096	<0.00097	<0.0010	NE	NE	NE	5,700	33,000	25,000
Diesel Range Organics (DRO; EPA 8015B) All values reported in mg/kg.																						
Diesel Range Organics [C10-C28]	3.8	0.92 J	14	12 F1, F2	7.0	0.80 J	260 J	1.9 J	15	69	12	67	0.71 J	0.50 J	<1.0	13	NE	NE	NE	260	1,200	1,100
Motor Oil Range Organics [C28-C40]	45	5.8	29	18 F1, F2	97	9.4	5900	32	270	1200	19	59	8.3	5.2	<5.0	4.2 J	NE	NE	NE	12,000	180,000	54,000
Organochlorine Pesticides (EPA 8081A) All values reported in mg/kg.																						
All Organochlorine Pesticides	^	^	^	^	^	ND	ND	^	^	^	^	^	^	^	^	^	NA	NA	NA	NA	NA	NA
4,4'-DDD	0.011	0.0045	0.0039	0.035	<0.000082	<0.0016	<0.0079	<0.000081	<0.0041	<0.0042	0.023	0.021	0.0018	<0.000082	<0.000082	0.0001	1.0	0.1	NE	2.7	12	81
4,4'-DDE	0.25	0.061	0.021	0.37	0.000049 J	<0.0016	<0.0079	0.000019 J	0.0019 J	0.0024 J	0.47	0.34	0.0081	0.00013	0.00017	0.00053	1.0	0.1	NE	1.8	8	57
4,4'-DDT	0.038	0.0087	0.011	0.099	<0.000082	<0.0016	<0.0079	<0.000081	<0.0041	<0.0042	0.098	0.1	0.00073	<0.000082	0.000080 J	0.00015	1.0	0.1	NE	1.9	8.5	14
Dieldrin	<0.0016	<0.00081	<0.00041	<0.0016	<0.000082	<0.0016	<0.0079	0.000031 J	<0.0041	<0.0042	<0.0041	<0.0017	<0.000082	<0.000082	<0.000082	<0.000081	8.0	0.8	NE	0.037	0.16	1.1
Endosulfan II	<0.0016	<0.00081	0.00071	<0.0016	<0.000082	<0.0016	<0.0079	<0.000081	<0.0041	<0.0042	<0.00041	<0.0017	<0.000082	<0.000082	<0.000082	<0.000081	NE	NE	NE	420	5,800	1,500
Metals (6020) All values reported in mg/kg.																						
Antimony	0.37	0.16 J	0.25	0.23	0.29	0.21	0.21	0.22	0.36	0.69	0.41 F1	0.26	0.29	0.13 J	0.17 J	0.16 J	500	15	NE	11	160	50
Arsenic ^c	17	6.7	4.8	5.1	3.3	2.6	1.8	2.1	1.5	2.0	23	32	3.4	2.0	1.6	2.8	500	5.0	5.0	0.067	0.31	0.98
Barium	170	130	170	230	260	160	1100	240	290	390	220	220	190	93	150	150	10,000	100	100	15,000	220,000	3,000
Soluble Barium (STLC) in mg/L	NA	NA	NA	NA	NA	NA	6.9 *B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	15,000	220,000	3,000
Beryllium	0.43	0.43	0.65	0.69	0.68	0.62	0.16	0.72	0.22	0.21	0.7	0.74	0.72	0.33	0.46	0.73	75	0.75	NE	16	230	27
Cadmium	0.3	0.16	0.16	0.14	0.19	0.11	0.19	0.13	1.2	0.37	0.28	0.24	0.2	0.095 J	0.095 J	0.13	100	1.0	1.0	78	1,100	51
Chromium (TTLC)	49	34	74	75	77	84	34	68	39	27	63 F1	66	78	57	70	75	2,500	5.0	5.0	120,000	1,800,000	530,000
Cobalt	9.3	8.4	16	14	15	14	10	12	3.5	14	13	13	15	13	12	14	8,000	80	NE	23	350	28
Copper	26	21	32	33	33	29	48	33	27	51	37 F1	43	32	19	23	31	2,500	25	NE	3,100	47,000	14,000
Lead (TTLC)	60	13	12	14	7.9	6.5	2.6	8.8	0.99	3.3	68 F1	110	9.5	4.1	4.6	8.4	1,000	5.0	5	80	320	160
Soluble Lead (STLC) in mg/L	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	2.4	NA	NA	NA	NA	NA	5.0	NA	80	320	160
Soluble Lead (TCLP) in mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.032	NA	NA	NA	NA	NA	5.0	NA	80	320	160
Molybdenum	0.8	0.54	0.67	0.69	0.78	0.31	0.54	0.65	0.41	1.3	0.75	0.76	0.91	0.34	0.16 J	0.27	3,500	350	NE	390	5,800	1,800
Nickel	47	38	71	71	72	71	41	60	17	56	65 F1	67	69	50	55	66	2,000	20	NE	820	11,000	86
Selenium	1	0.24	0.3	0.28	0.4	0.18 J	0.31	0.34	0.32	0.36	0.54 F1	0.44	0.37	0.10 J	0.11 J	0.25	100	1.0	1.0	390	5,800	1,700
Silver	0.080 J	0.060 J	0.082 J	0.093 J	0.1	0.079 J	<0.090	0.1	0.031 J	<0.096	0.1	0.097 J	0.092 J	0.037 J	0.052 J	0.98 J	500	5.0	5	390	5,800	1,800
Thallium	0.2	0.069 J	0.14	0.14	0.16	0.13	0.056 J	0.15	0.078 J	0.19	0.19	0.15	0.15	0.067 J	0.087 J	0.13	700	7.0	NE	0.78	12	3.5
Vanadium	42	33	66	70	71	76	31	58	83	30	63 F1	62	77	58	60	65	2,400	24	NE	390	5,800	470
Zinc	55	45	51	52	56	44	24	52	24	56	72	62	59	35	34	53	5,000	250	*	23,000	350,000	110,000
Metals (7471A) All values reported in mg/kg.																						
Mercury	0.073	0.066	0.074	0.069	0.062	0.035 J	0.085	0.039 J	0.088	0.21	0.15 F1	0.068	0.058	0.08	0.031 J	0.039	20	0.2	0.2	13	190	44

Table 1 - Results of Soil Analyses
Phase II Site Investigation
2950 Walsh Avenue
Santa Clara, CA

Notes:

Bold indicates detection or estimated detection at or above laboratory method detection limits.
Green Highlight indicates analyte concentration exceeds DTSC STLC Trigger Level and STLC analyses should be requested from the laboratory.
Orange Highlight indicates analyte concentration exceeds DTSC STLC and TCLP Trigger Level and STLC and TCLP analyses should be requested from the laboratory.

1. If the TTLC result is equal to or greater than the TTLC limit, then the waste is a California (non-RCRA) hazardous waste (however, TCLP would still be required for the eight federally regulated metals – see note 4).
2. The STLC is required if the TTLC result equals or exceeds STLC by a factor of 10 or more (DTSC STLC Trigger Level). If the STLC result is equal to or greater than the STLC limit, then the waste is a California (non-RCRA) hazardous waste; however, TCLP would still be required for the eight federally regulated metals – see note 4).
3. The TCLP is required for federal hazardous waste characterization (the eight federally regulated metals) if the TTLC result equals or exceeds the TCLP threshold by a factor of 20 or more.
4. If the TCLP sample fails, then the waste would be considered a federal (RCRA) hazardous waste.
5. Chromium on the California list accounts for trivalent and other forms of chromium. Hexavalent chromium is the more toxic of the two forms of chromium.
6. Detected arsenic concentrations exceed listed soil screening levels, but are consistent with the Bay Area background concentration of 11 mg/kg and are, therefore, not highlighted.
7. Where both Cancer Risk and Non-cancer Hazard RWQCB ESLs are established for a given analyte, the more conservative value is displayed.

Abbreviations:
TTLC = Total Threshold Limit Concentrations as published in 22 CCR § 66261.24
STLC = Soluble Threshold Limit Concentration as published in 22 CCR § 66261.24
TCLP = Toxicity Characteristic Leaching Procedure
RCRA = Resource Conservation Recovery Act
Res = Residential Shallow Soil Exposure Screening Level
Comm = Commercial/ Industrial Shallow Soil Exposure Screening Level
Const = Construction Worker Soil Exposure Screening Level
< = not detected at or above specified laboratory reporting limit
-- = not analyzed
mg/kg = milligrams per kilogram
^ = Not detected except for analytes listed below
* = LCS or LCSD is outside acceptance limits
B = Compound was found in the blank and sample
F1 = MS and/or MSD recovery exceeds control limits; sample matrix interference and/or non-homogeneity are suspected
F2 = MS/MSD RPD exceeds control limits; sample matrix interference and/or non-homogeneity are suspected
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an estimated value
NA = Not applicable
ND = Not detected
NE = Not established

Footnotes:
a) California Code of Regulations, Title 22, Chapter 11, Article 3 Department of Toxic Substances Control (DTSC) Hazardous Waste Criteria
b) United States Environmental Protection (US EPA) Agency Resource Conservation and Recovery Act (RCRA) Hazardous Waste Criteria
c) San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Cancer Risk and Non-cancer Hazard Environmental Screening Levels (ESLs; 2019 Rev. 2)

Table 2 - Results of Soil Vapor Analyses
Phase II Site Investigation
2590 Walsh Avenue
Santa Clara, CA

Analyte	Sample ID					Soil Vapor Screening Levels	
	SP1	SP2	SP3	SP4	SP5	RWQCB ESLs ^a	
	11/23/20	11/23/20	11/23/20	11/23/20	11/23/20	Residential	Commercial
Helium All values reported in % volume.							
Shroud Helium ^b	21.7	25.4	23.2	21.9	20.4	NA	NA
Acceptable 5% Helium	1.09	1.27	1.16	1.10	1.02	NA	NA
Reported Helium	<0.12	<0.13	<0.13	<0.12	<0.12	NA	NA
Volatile Organic Compounds (VOCs; EPA TO-15) All values reported in ug/m3.							
All VOCs	*	*	*	*	*	NA	NA
Ethanol	<2.4	<2.5	<2.4	17	5.0	NE	NE
Freon 113	<1.9	<2.0	26	<1.9	<1.9	NE	NE
Acetone	16	7.5	6.8	<6.0	6.7	1,100,000	4,500,000
2-Propanol	7.9	6.9	3.4	7.6	7.1	NE	NE
Chloroform	<1.2	9.2	2.5	26	4.0	4.1	18
1,1,1-Trichloroethane	<1.4	<1.4	12	2.6	3.8	35,000	150,000
Trichloroethylene (TCE)	<1.3	1.4	<1.4	<1.3	<1.3	16	100
Tetrachloroethylene (PCE)	<1.7	13	<1.7	<1.7	<1.7	15	67

Notes:

Bold indicates detection above laboratory reporting limit.

Blue Highlight indicates concentration greater than residential ESLs.

Yellow Highlight indicates concentration greater than commercial ESLs.

Abbreviations:

< = Not detected at or above specified laboratory reporting limit

ug/m3 = micrograms per cubic meter

* = Not detected except for analytes listed below

NA = Not applicable

NE = Not established

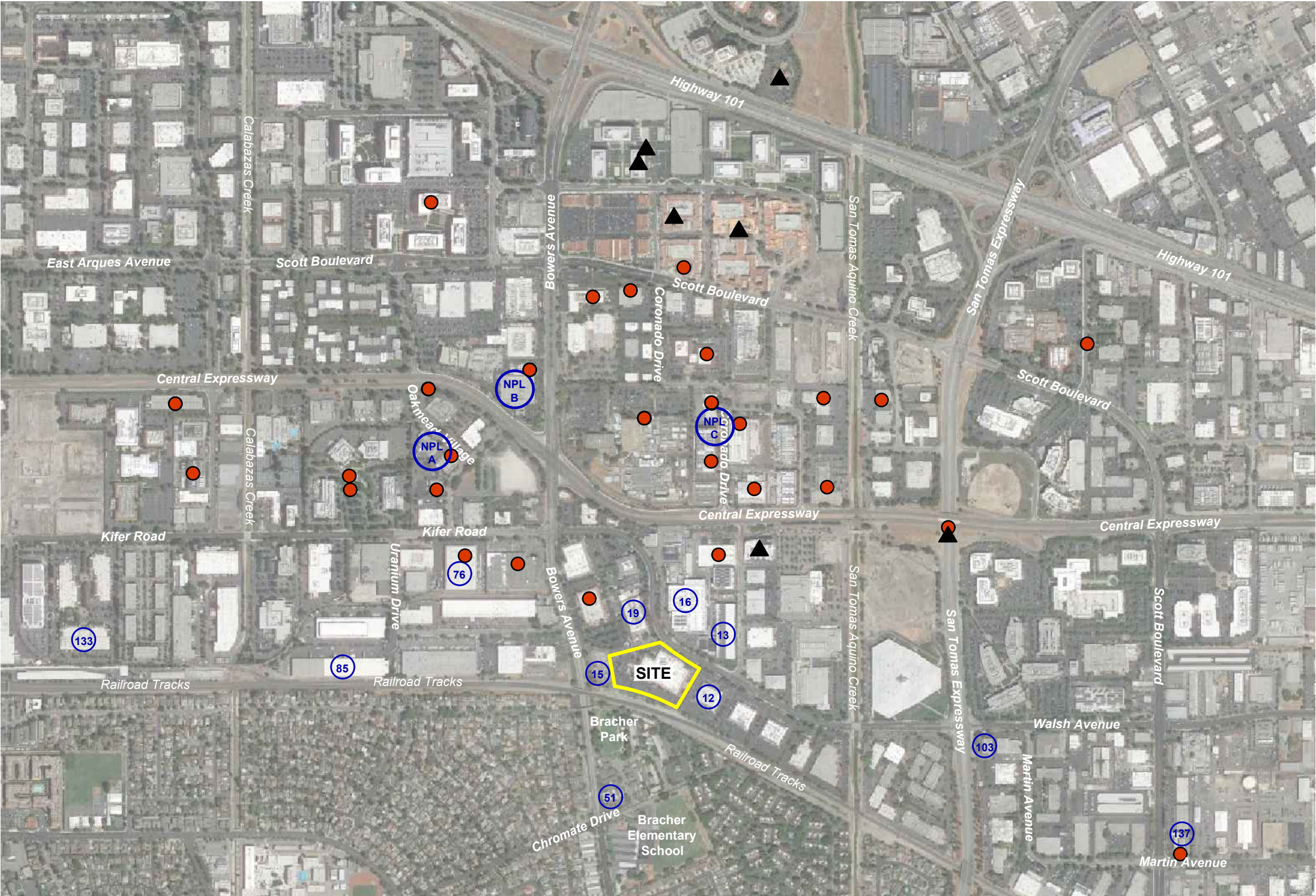
Footnotes:

a) Regional Water Quality Control Board (RWQCB) San Francisco Bay Environmental Screening Levels (ESLs; 2019 Rev. 2)

b) Lowest shroud helium concentration recorded during sampling used to calculate acceptable 5% helium.

FIGURES

FILE NAME: C:\Users\kquinnell\OneDrive - TRC\Desktop\TRC\2590 Walsh Ave. Santa Clara\Fig2_Site Plan.dwg | Layout Tab: 11x17



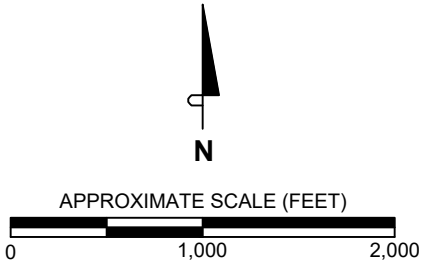
SOURCE AERIAL PHOTO: Google Earth, August 2018.

LEGEND

Approximate locations of properties located hydraulically downgradient within one mile of the site identified with contamination in soil and/or groundwater due to:

- Solvents related to tech manufacturing*
- ▲ Arsenic, lead, and pesticides resulting from agriculture*

* Detailed information on these listings is included in Appendix A - Database Radius Report and is summarized in Section 4.2.2.1.4 of the text.



Adjoining properties*:

- 12** International Diagnostic Technology
2552 Walsh Avenue
EDR 12
- 13** Vantage Data Centers 4 LLC
2565 Walsh Avenue
EDR 13, 14
- 15** Uranium Substation
2705 Bowers Avenue
EDR 15
- 16** Intel Corporation
2625 Walsh Avenue
EDR 16, 17, 18
- 19** Apple Inc.
2630 Walsh Avenue
EDR 19, 20, 21, 22
- 51** Alhambra Garden Apartments
2729 Chromate Drive
EDR 51

Cross-gradient properties*:

- 76** Applied Materials
2940-2950 Kifer Road
EDR 76
- 85** Fayette Properties
111 Uranium Drive
EDR 85
- 103** Pacific Maintenance Co.
2294 Walsh Avenue
EDR 103
- 133** Boise Cascade
1290 Kifer Road
EDR 133
- 137** Sanmina Corporation
1881 Martin Avenue
EDR 137

Federal Superfund / National Priorities listings*:

- NPL A** Intel Magnetics
3000 Oakmead Village
- NPL B** Applied Materials
3050 Bowers Avenue
- NPL C** Synertek, Inc. (Building 1)
3050 Coronado Drive

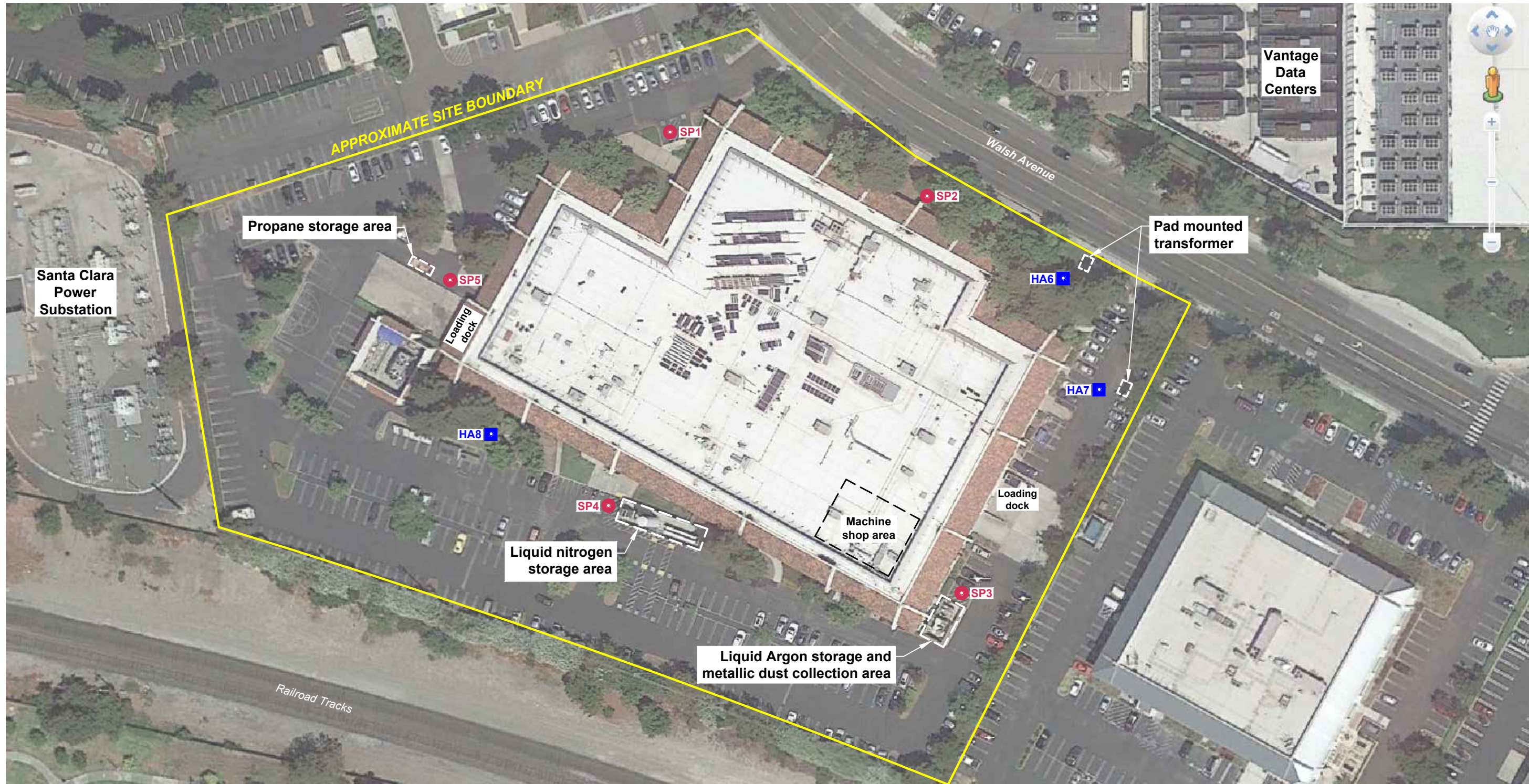
NOTE: * = All locations are in Santa Clara.

VICINITY MAP

2590 Walsh Avenue
Santa Clara, California

403826

FIGURE 1

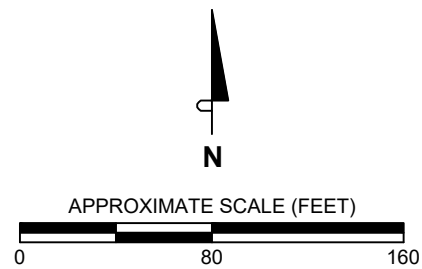


SOURCE AERIAL PHOTO: Google Earth, August 2018.

LEGEND

Approximate locations of:

- Soil vapor probe
- Soil boring



SITE PLAN		
2590 Walsh Avenue Santa Clara, California		
	40744	FIGURE 2

APPENDIX A

SOIL VAPOR SAMPLING FIELD SHEETS



RECORD OF VAPOR SAMPLING

Date 11/23/20 Project Number: 407444.009002
Project Name: 2590 Walsh Ave. Field Geologist/Engineer: James Chidester
Probe Location: SPI Probe Depth: 5 Feet
Drilling Contractor: Equilibration Start/End

SHUT-IN TEST (minimum 10 minutes)

Test Start Time: 0812 Test Stop Time: 0822
Initial Vacuum (in Hg): -130 Final Vacuum (in Hg): -30 Pass? Y

QUANTITATIVE HELIUM LEAK CHECK (Shroud)

	Time	Helium Concentration (% or ppm v)	Notes
Shroud Atmosphere	0823	29.77%	
Sampling Train	0824	0	
Downhole Tubing	0824	0	

Helium concentration within sampling train and downhole tubing should be less than 5% of shroud atmosphere concentration

VAPOR PURGING (Using 6-Liter Summa Canister for Purging)

ONE PURGE VOLUME (mL) = $V_T + V_{SP} = 43.2 \text{ mL} + 980.4 \text{ mL} = 1023.6 \text{ mL}$

WHERE V_T = TUBING LENGTH (FT) * 5.4 mL/FT = 8 FT * 5.4 mL/FT = 43.2 mL

AND V_{SP} = 980.4 mL, 3.75-INCH BOREHOLE, 12-INCH SAND PACK, 6-INCH DRY BENTONITE

V_T - Total tubing volume (1/4-inch OD, 3/16-inch ID tubing)

V_{SP} - Pore volume of 6-inch sand pack of #10/20 silica sand (porosity = 30%); 6-inch dry bentonite, borehole diameter of 3.75 inches.

CHANGE IN VACUUM PRESSURE FOR ONE PURGE VOLUME (in Hg) = $[\text{OnePurgeVolume(mL)} * P_i] / (6000 \text{ mL} - V_0)$

P_i - Initial vacuum pressure before purging in inches of mercury (in Hg)

V_0 - Volume in mL of previous purge (equal to zero if canister has not been used)

Based on 6-Liter summa canister

Calculated 3-Purge Volume (mL): 3,070.8 Final Purge Volume (mL): 3,070.8

Start Time: 0825 Stop Time: 0844

Purge Canister: Initial Vacuum (in Hg): -30 Applied Vacuum (in Hg) Initial: 0
Final Vacuum (in Hg): -15 (maintain <7 in Hg) Final: +2

VAPOR SAMPLING (1-LITER SUMMA CANISTER)

Start Time 0845 Initial Vacuum in Sample Canister -30 in Hg

Stop Time 0851 Final Vacuum in Sample Canister -5 in Hg

Sample I.D. SPI Laboratory Eurofins Air Toxics

Canister I.D. 34000673 Manifold/Flow Controller ID 30763
(max 200 mL/min)

Time	Helium Concentration / Applied Vacuum (% or ppm _v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm _v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm _v)/(in Hg)
0845	29.77% / 0	0849	28.17% / 1		
0846	31.17% / 1	0850	25.77% / 1		
0847	28.07% / 1	0851	21.77% / 1		
0848	23.87% / 1				



RECORD OF VAPOR SAMPLING

Date 11/23/20 Project Number: 407444.000002
Project Name: 2590 Walsh Ave. Field Geologist/Engineer James Chidester
Probe Location SP5 Probe Depth 5 Feet
Drilling Contractor: _____ Equilibration Start/End _____

SHUT-IN TEST (minimum 10 minutes)

Test Start Time: 10911 Test Stop Time: 10922
Initial Vacuum (in Hg): -094.59 -15 Final Vacuum (in Hg): -15 Pass? Y

QUANTITATIVE HELIUM LEAK CHECK (Shroud)

	Time	Helium Concentration (% or ppm.v.)	Notes
Shroud Atmosphere	0922	23.6%	
Sampling Train	0924	0	
Downhole Tubing	0925	0	

Helium concentration within sampling train and downhole tubing should be less than 5% of shroud atmosphere concentration

VAPOR PURGING (Using 6-Liter Summa Canister for Purging)

ONE PURGE VOLUME (mL) = $V_T + V_{SP} = 43.2 \text{ mL} + 980.4 \text{ mL} = 1023.6 \text{ mL}$

WHERE V_T = TUBING LENGTH (FT) * 5.4 mL/FT = 8 FT * 5.4 mL/FT = 43.2 mL

AND V_{SP} = 980.4 mL, 3.75-INCH BOREHOLE, 12-INCH SAND PACK, 6-INCH DRY BENTONITE

V_T - Total tubing volume (1/4-inch OD, 3/16-inch ID tubing)

V_{SP} - Pore volume of 6-inch sand pack of #10/20 silica sand (porosity = 30%); 6-inch dry bentonite, borehole diameter of 3.75 inches.

CHANGE IN VACUUM PRESSURE FOR ONE PURGE VOLUME (in Hg) = $[OnePurgeVolume(mL) * P_i] / (6000 \text{ mL} - V_0)$

P_i - Initial vacuum pressure before purging in inches of mercury (in Hg)

V_0 - Volume in mL of previous purge (equal to zero if canister has not been used)

Based on 6-Liter summa canister

= 15 in Hg

Calculated 3-Purge Volume (mL): 3,070.8 Final Purge Volume (mL): 3,070.8

Start Time: 0926 Stop Time: 0952

Purge Canister: Initial Vacuum (in Hg): -15 Applied Vacuum (in Hg) Initial: 0
Final Vacuum (in Hg): 0 (maintain <7 in Hg) Final: 0

VAPOR SAMPLING (1-LITER SUMMA CANISTER)

Start Time 0952 Initial Vacuum in Sample Canister -30 in Hg

Stop Time 1001 Final Vacuum in Sample Canister -15 in Hg

Sample I.D. SP5 Laboratory Eurofins Air Toxics

Canister I.D. 1L1612 Manifold/Flow Controller ID 30555
(max 200 mL/min)

Time	Helium Concentration / Applied Vacuum (% or ppm.v.)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm.v.)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm.v.)/(in Hg)
0952	24.4% / 0	0954	21.7% / 0	1000	24.1% / 0
0953	23.5% / 0	0957	24.1% / 0	1001	24.0% / 0
0954	20.4% / 0	0958	23.1% / 0		
0955	23.3% / 0	0959	19.3% / 0		



RECORD OF VAPOR SAMPLING

Date 11/23/20 Project Number: 407444.000002
Project Name: 2590 Walsh Ave Field Geologist/Engineer: James Chidester
Probe Location: SP4 Probe Depth: 6 Feet
Drilling Contractor: _____ Equilibration Start/End: _____

SHUT-IN TEST (minimum 10 minutes)

Test Start Time: 1019 Test Stop Time: 1029
Initial Vacuum (in Hg): -30 Final Vacuum (in Hg): -30 Pass? Y

QUANTITATIVE HELIUM LEAK CHECK (Shroud)

	Time	Helium Concentration (% or ppm v)	Notes
Shroud Atmosphere	1031	31.1%	
Sampling Train	1032	0	
Downhole Tubing	1033	0	

Helium concentration within sampling train and downhole tubing should be less than 5% of shroud atmosphere concentration

VAPOR PURGING (Using 6-Liter Summa Canister for Purging)

ONE PURGE VOLUME (mL) = $V_T + V_{SP} = 43.2 \text{ mL} + 980.4 \text{ mL} = 1023.6 \text{ mL}$

WHERE V_T = TUBING LENGTH (FT) * 5.4 mL/FT = 8 FT * 5.4 mL/FT = 43.2 mL

AND V_{SP} = 980.4 mL, 3.75-INCH BOREHOLE, 12-INCH SAND PACK, 6-INCH DRY BENTONITE

V_T - Total tubing volume (1/4-inch OD, 3/16-inch ID tubing)

V_{SP} - Pore volume of 6-inch sand pack of #10/20 silica sand (porosity = 30%); 6-inch dry bentonite, borehole diameter of 3.75 inches.

CHANGE IN VACUUM PRESSURE FOR ONE PURGE VOLUME (in Hg) = $[\text{OnePurgeVolume(mL)} * P_i] / (6000 \text{ mL} - V_0)$

P_i - Initial vacuum pressure before purging in inches of mercury (in Hg)

V_0 - Volume in mL of previous purge (equal to zero if canister has not been used)

Based on 6-Liter summa canister

Calculated 3-Purge Volume (mL): 3,070.8 Final Purge Volume (mL): 3,070.8

Start Time: 1034 Stop Time: 1050

Purge Canister: Initial Vacuum (in Hg): -30 Applied Vacuum (in Hg) Initial: 0
Final Vacuum (in Hg): -15 (maintain <7 in Hg) Final: 0

VAPOR SAMPLING (1-LITER SUMMA CANISTER)

Start Time 1051 Initial Vacuum in Sample Canister -30 in Hg

Stop Time 1056 Final Vacuum in Sample Canister -5 in Hg

Sample I.D. SP4 Laboratory Eurofins Air Toxics

Canister I.D. 1L1805 Manifold/Flow Controller ID 21484
(max 200 mL/min)

Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)
1051	26.3% / 0	1055	26.7% / 9		
1052	27.3% / 0	1056	25.4% / 0		
1053	24.3% / 0				
1054	21.9% / 0				



RECORD OF VAPOR SAMPLING

Date 11/23/20 Project Number: 407444.000002
Project Name: 2590 Walsh Ave Field Geologist/Engineer James Chidester
Probe Location SP3 Probe Depth 6 Feet
Drilling Contractor: _____ Equilibration Start/End _____

SHUT-IN TEST (minimum 10 minutes)

Test Start Time: 1116 Test Stop Time: 1126
Initial Vacuum (in Hg): -15 Final Vacuum (in Hg): -15 Pass? Y

QUANTITATIVE HELIUM LEAK CHECK (Shroud)

	Time	Helium Concentration (% or ppm v)	Notes
Shroud Atmosphere	<u>1127</u>	<u>28.8%</u>	
Sampling Train	<u>1129</u>	<u>0</u>	
Downhole Tubing	<u>1130</u>	<u>0</u>	

Helium concentration within sampling train and downhole tubing should be less than 5% of shroud atmosphere concentration

VAPOR PURGING (Using 6-Liter Summa Canister for Purging)

ONE PURGE VOLUME (mL) = $V_T + V_{SP} = 43.2 \text{ mL} + 980.4 \text{ mL} = 1023.6 \text{ mL}$

WHERE V_T = TUBING LENGTH (FT) * 5.4 mL/FT = 8 FT * 5.4 mL/FT = 43.2 mL

AND V_{SP} = 980.4 mL, 3.75-INCH BOREHOLE, 12-INCH SAND PACK, 6-INCH DRY BENTONITE

V_T - Total tubing volume (1/4-inch OD, 3/16-inch ID tubing)

V_{SP} - Pore volume of 6-inch sand pack of #10/20 silica sand (porosity = 30%); 6-inch dry bentonite, borehole diameter of 3.75 inches.

CHANGE IN VACUUM PRESSURE FOR ONE PURGE VOLUME (in Hg) = $[\text{OnePurgeVolume(mL)} * P_i] / (6000 \text{ mL} - V_0)$

P_i - Initial vacuum pressure before purging in inches of mercury (in Hg)

V_0 - Volume in mL of previous purge (equal to zero if canister has not been used)

Based on 6-Liter summa canister

Calculated 3-Purge Volume (mL): 3,070.8 Final Purge Volume (mL): 3,070.8
Start Time: 1131 Stop Time: 1149
Purge Canister: Initial Vacuum (in Hg): -15 Applied Vacuum (in Hg) Initial: 0
Final Vacuum (in Hg): 0 (maintain <7 in Hg) Final: 0

VAPOR SAMPLING (1-LITER SUMMA CANISTER)

Start Time 1150 Initial Vacuum in Sample Canister -30 in Hg
Stop Time 1155 Final Vacuum in Sample Canister -5 in Hg
Sample I.D. SP3 Laboratory Eurofins Air Toxics
Canister I.D. 3032 Manifold/Flow Controller ID 22448
(max 200 mL/min)

Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)
<u>1150</u>	<u>23.5% / 0</u>	<u>1154</u>	<u>28.6% / 0</u>		
<u>1151</u>	<u>30.3% / 0</u>	<u>1155</u>	<u>24.6% / 0</u>		
<u>1152</u>	<u>23.2% / 0</u>				
<u>1153</u>	<u>25.7% / 0</u>				



RECORD OF VAPOR SAMPLING

Date 11/23/20 Project Number: 407444.000002
Project Name: 2590 Walsh Ave Field Geologist/Engineer James Chidester
Probe Location SP2 Probe Depth 6 Feet
Drilling Contractor: _____ Equilibration Start/End _____

SHUT-IN TEST (minimum 10 minutes)

Test Start Time: 1219 Test Stop Time: 1229
Initial Vacuum (in Hg): -30 Final Vacuum (in Hg): -30 Pass? y

QUANTITATIVE HELIUM LEAK CHECK (Shroud)

	Time	Helium Concentration (% or ppm v)	Notes
Shroud Atmosphere	1230	24.8%	
Sampling Train	1232	0	
Downhole Tubing	1233	0	

Helium concentration within sampling train and downhole tubing should be less than 5% of shroud atmosphere concentration

VAPOR PURGING (Using 6-Liter Summa Canister for Purging)

ONE PURGE VOLUME (mL) = $V_T + V_{SP} = 43.2 \text{ mL} + 980.4 \text{ mL} = 1023.6 \text{ mL}$

WHERE V_T = TUBING LENGTH (FT) * 5.4 mL/FT = 8 FT * 5.4 mL/FT = 43.2 mL

AND V_{SP} = 980.4 mL, 3.75-INCH BOREHOLE, 12-INCH SAND PACK, 6-INCH DRY BENTONITE

V_T - Total tubing volume (1/4-inch OD, 3/16-inch ID tubing)

V_{SP} - Pore volume of 6-inch sand pack of #10/20 silica sand (porosity = 30%); 6-inch dry bentonite, borehole diameter of 3.75 inches.

CHANGE IN VACUUM PRESSURE FOR ONE PURGE VOLUME (in Hg) = $[\text{OnePurgeVolume(mL)} * P_i] / (6000 \text{ mL} - V_0)$

P_i - Initial vacuum pressure before purging in inches of mercury (in Hg)

V_0 - Volume in mL of previous purge (equal to zero if canister has not been used)

Based on 6-Liter summa canister

Calculated 3-Purge Volume (mL): 3,070.8 Final Purge Volume (mL): 3,070.8

Start Time: 1234 Stop Time: 1252

Purge Canister: Initial Vacuum (in Hg): -30 Applied Vacuum (in Hg) Initial: 0
Final Vacuum (in Hg): -15 (maintain <7 in Hg) Final: 0

VAPOR SAMPLING (1-LITER SUMMA CANISTER)

Start Time 1252 Initial Vacuum in Sample Canister -30 in Hg

Stop Time 1258 Final Vacuum in Sample Canister -5 in Hg

Sample I.D. SP2 Laboratory Eurofins Air Toxics

Canister I.D. 1L2920 Manifold/Flow Controller ID 30994
(max 200 mL/min)

Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)	Time	Helium Concentration / Applied Vacuum (% or ppm v)/(in Hg)
1252	25.4% / 0	1256	29.2% / 0		
1253	28.8% / 0	1257	26.1% / 0		
1254	27.5% / 0	1258	29.2% / 0		
1255	26.2% / 0				

APPENDIX B

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

Laboratory Job ID: 720-99608-1

Client Project/Site: 2590 Walsh - Soil Sampling

For:

TRC Environmental Corporation
2300 Clayton Road
Suite 610
Concord, California 94520

Attn: Glenn Young



Authorized for release by:
9/9/2020 4:14:42 PM

Micah Smith, Project Manager II
(916)374-4302
Micah.Smith@Eurofinset.com

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www.eurofinsus.com/Env

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	6
Client Sample Results	14
Surrogate Summary	62
QC Sample Results	65
QC Association Summary	78
Lab Chronicle	84
Certification Summary	90
Method Summary	91
Sample Summary	92
Chain of Custody	93
Field Data Sheets	113
Receipt Checklists	115

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Qualifiers

GC/MS VOA

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

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Job ID: 720-99608-1

Laboratory: Eurofins TestAmerica, Pleasanton

Narrative

Job Narrative 720-99608-1

Comments

No additional comments.

Receipt

The samples were received on 8/21/2020 12:15 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.9° C and 2.9° C.

Receipt Exception

The following sample was listed on the Chain of Custody (COC); however, no sample was received: HA6-1.5 (720-99608-2). The lab did receive sample HA6-02 (720-99608-41) which was not listed on the COC. This sample was logged in for analysis as requested.

GC/MS VOA

Method 8260B: The method blank for analytical batch 440-622211 contained Dichlorodifluoromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

GC Semi VOA

Method 8015B: The Diesel Range Organics (DRO), C10-C28, concentration reported for the following sample(s) is partially due to the presence of discrete peaks: HA6-01 (720-99608-1), SP2-01 (720-99608-6), SP2-2 (720-99608-7), HA8-2 (720-99608-22) and HA6-02 (720-99608-41).

Method 8015B: The following samples were diluted due to abundance of target analytes: SP4-01 (720-99608-26), SP5-01 (720-99608-31) and SP5-2 (720-99608-32). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8015B: The following samples were diluted to bring the concentration of target analytes within the calibration range: SP3-01 (720-99608-16), SP4-2 (720-99608-27), SP1-01 (720-99608-36) and HA6-02 (720-99608-41). Elevated reporting limits (RLs) are provided.

Method 8015B: Surrogate recovery for the following samples were outside control limits: HA6-01 (720-99608-1), SP2-01 (720-99608-6), SP2-2 (720-99608-7), HA7-2 (720-99608-12), HA7-3 (720-99608-13), SP3-01 (720-99608-16), SP3-2 (720-99608-17), HA8-01 (720-99608-21), HA8-2 (720-99608-22), SP4-2 (720-99608-27), SP1-01 (720-99608-36), SP1-2 (720-99608-37) and (720-99608-A-7-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B: The matrix spike/matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 320-408599 and analytical batch 320-409833 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8081A: The DCB surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column: (LCS 180-327561/2-A). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8081A: The continuing calibration verification (CCV) associated with batch 328414 recovered outside acceptance criteria, low biased, for Toxaphene. Since this is a pattern recognition compound and the associated samples were non-detect for this analyte, the data have been reported.

Method 8081A: The continuing calibration verification (CCVIs) associated with batch 180-328414 recovered outside acceptance criteria, low biased, for Tetrachloro-m-xylene, Aldrin, cis-Chlordane, trans-Chlordane, delta-BHC, Endosulfan I, Heptachlor and Heptachlor epoxide. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. All recoveries for TCMX are acceptable for analytical samples.

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Job ID: 720-99608-1 (Continued)

Laboratory: Eurofins TestAmerica, Pleasanton (Continued)

Method 8081A: The following samples were diluted due to the nature of the sample matrix: SP2-01 (720-99608-6), SP3-2 (720-99608-17), SP4-01 (720-99608-26), SP5-01 (720-99608-31) and SP5-2 (720-99608-32). Elevated reporting limits (RLs) are provided. Sample extracts ranged from medium yellow to black(opaque) in color after Carboprep and copper clean-up.

Method 8081A: The following samples were diluted to bring the concentration of target analytes within the calibration range: HA6-01 (720-99608-1), SP2-2 (720-99608-7), SP1-01 (720-99608-36), SP1-2 (720-99608-37) and HA6-02 (720-99608-41). Elevated reporting limits (RLs) are provided.

Method 8081A: The continuing calibration verification (CCV) associated with 328518 recovered high and outside the control limits for 4,4'-DDD and Dieldrin on MR-1 column. Results are confirmed on both columns and reported from the passing MR-2 column. The associated samples are: HA6-01 (720-99608-1), SP2-2 (720-99608-7), SP1-01 (720-99608-36), SP1-2 (720-99608-37), HA6-02 (720-99608-41) and (CCVIS 180-328518/5).

Method 8081A: The continuing calibration verification (CCV) associated with batch 328518 recovered outside acceptance criteria, low biased, for cis-Chlordane, Heptachlor and Endosulfan I on MR-1 column. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. Note: Tetrachloro-m-xylene also fails slightly low on both columns. Samples were run at a 10x dilution or higher.

Method 8081A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Toxaphene fails low for CCV. This is a pattern recognition compound and was not detected in samples.

Method 8081A: The following sample required a dilution due to the nature of the sample matrix: HA6-01 (720-99608-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

Metals

Method 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-405983 and analytical batch 320-406648 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020: The serial dilution performed for the following sample associated with batch 320-406648 was outside control limits: (720-99608-A-1-A SD ^5).

Method 6020: The post digestion spike % recovery for the following analyte associated with batch 320-406648 was outside of control limits of 75-125%. The associated sample is: (720-99608-A-1-A PDS). The affected analyte is Zinc (Zn) at 71%.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-406530 and analytical batch 320-407340 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries were within acceptance limits.

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

Organic Prep

Method 3550B: Due to the matrix, the following sample could not be concentrated to the final method required volume of 3 mL: SP4-01 (720-99608-26). The reporting limits (RLs) are elevated proportionately. This sample is associated with method 8015B_DRO aqueous in preparation batch 320-408599. The sample final volume was 10 mL.

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

VOA Prep

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-01

Lab Sample ID: 720-99608-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	12		0.98	0.49	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	19		4.9	3.7	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.023		0.0041	0.0017	mg/Kg	50		EPA 8081A LL	Total/NA
4,4'-DDE	0.47		0.0041	0.00083	mg/Kg	50		EPA 8081A LL	Total/NA
4,4'-DDT	0.098		0.0041	0.0016	mg/Kg	50		EPA 8081A LL	Total/NA
Antimony	0.41	F1	0.21	0.10	mg/Kg	1		6020	Total/NA
Arsenic	23		0.21	0.16	mg/Kg	1		6020	Total/NA
Barium	220		0.21	0.15	mg/Kg	1		6020	Total/NA
Beryllium	0.70		0.10	0.010	mg/Kg	1		6020	Total/NA
Cadmium	0.28		0.10	0.052	mg/Kg	1		6020	Total/NA
Chromium	63	F1	0.21	0.10	mg/Kg	1		6020	Total/NA
Cobalt	13		0.10	0.063	mg/Kg	1		6020	Total/NA
Copper	37	F1	0.21	0.10	mg/Kg	1		6020	Total/NA
Lead	68	F1	0.10	0.063	mg/Kg	1		6020	Total/NA
Molybdenum	0.75		0.21	0.021	mg/Kg	1		6020	Total/NA
Nickel	65	F1	0.21	0.10	mg/Kg	1		6020	Total/NA
Selenium	0.54	F1	0.21	0.10	mg/Kg	1		6020	Total/NA
Silver	0.10		0.10	0.031	mg/Kg	1		6020	Total/NA
Thallium	0.19		0.10	0.052	mg/Kg	1		6020	Total/NA
Vanadium	63	F1	1.0	0.31	mg/Kg	1		6020	Total/NA
Zinc	72		1.0	0.63	mg/Kg	1		6020	Total/NA
Mercury	0.15	F1	0.040	0.0086	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP2-01

Lab Sample ID: 720-99608-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)-C4-C12	0.24		0.10	0.070	mg/Kg	1		8260B/CA_LUFT MS	Total/NA
p-Isopropyltoluene	0.0040		0.0010	0.00050	mg/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	14		0.98	0.49	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	29		4.9	3.7	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.0039		0.00041	0.00018	mg/Kg	5		EPA 8081A LL	Total/NA
4,4'-DDE	0.021		0.00041	0.000084	mg/Kg	5		EPA 8081A LL	Total/NA
4,4'-DDT	0.011		0.00041	0.00016	mg/Kg	5		EPA 8081A LL	Total/NA
Endosulfan II	0.00071		0.00041	0.000091	mg/Kg	5		EPA 8081A LL	Total/NA
Antimony	0.25		0.20	0.10	mg/Kg	1		6020	Total/NA
Arsenic	4.8		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	170		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.65		0.10	0.010	mg/Kg	1		6020	Total/NA
Cadmium	0.16		0.10	0.051	mg/Kg	1		6020	Total/NA
Chromium	74		0.20	0.10	mg/Kg	1		6020	Total/NA
Cobalt	16		0.10	0.061	mg/Kg	1		6020	Total/NA
Copper	32		0.20	0.10	mg/Kg	1		6020	Total/NA
Lead	12		0.10	0.061	mg/Kg	1		6020	Total/NA
Molybdenum	0.67		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	71		0.20	0.10	mg/Kg	1		6020	Total/NA
Selenium	0.30		0.20	0.10	mg/Kg	1		6020	Total/NA
Silver	0.082	J	0.10	0.031	mg/Kg	1		6020	Total/NA
Thallium	0.14		0.10	0.051	mg/Kg	1		6020	Total/NA
Vanadium	66		1.0	0.31	mg/Kg	1		6020	Total/NA
Zinc	51		1.0	0.61	mg/Kg	1		6020	Total/NA
Mercury	0.074		0.041	0.0087	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-2

Lab Sample ID: 720-99608-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)-C4-C12	0.068	J	0.097	0.068	mg/Kg	1		8260B/CA_LUFT MS	Total/NA
p-Isopropyltoluene	0.0010		0.00097	0.00049	mg/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	12	F1 F2	0.97	0.49	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	18	F1 F2	4.9	3.7	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.035		0.0016	0.00070	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDT	0.099		0.0016	0.00065	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDE - DL	0.37		0.0033	0.00067	mg/Kg	40		EPA 8081A LL	Total/NA
Antimony	0.23		0.20	0.098	mg/Kg	1		6020	Total/NA
Arsenic	5.1		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	230		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.69		0.098	0.0098	mg/Kg	1		6020	Total/NA
Cadmium	0.14		0.098	0.049	mg/Kg	1		6020	Total/NA
Chromium	75		0.20	0.098	mg/Kg	1		6020	Total/NA
Cobalt	14		0.098	0.059	mg/Kg	1		6020	Total/NA
Copper	33		0.20	0.098	mg/Kg	1		6020	Total/NA
Lead	14		0.098	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.69		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	71		0.20	0.098	mg/Kg	1		6020	Total/NA
Selenium	0.28		0.20	0.098	mg/Kg	1		6020	Total/NA
Silver	0.093	J	0.098	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.14		0.098	0.049	mg/Kg	1		6020	Total/NA
Vanadium	70		0.98	0.29	mg/Kg	1		6020	Total/NA
Zinc	52		0.98	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.069		0.039	0.0083	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA7-2

Lab Sample ID: 720-99608-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.71	J	1.0	0.50	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	8.3		5.0	3.8	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.0018		0.000082	0.000035	mg/Kg	1		EPA 8081A LL	Total/NA
4,4'-DDE	0.0081		0.000082	0.000017	mg/Kg	1		EPA 8081A LL	Total/NA
4,4'-DDT	0.00073		0.000082	0.000032	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.29		0.20	0.098	mg/Kg	1		6020	Total/NA
Arsenic	3.4		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	190		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.72		0.098	0.0098	mg/Kg	1		6020	Total/NA
Cadmium	0.20		0.098	0.049	mg/Kg	1		6020	Total/NA
Chromium	78		0.20	0.098	mg/Kg	1		6020	Total/NA
Cobalt	15		0.098	0.059	mg/Kg	1		6020	Total/NA
Copper	32		0.20	0.098	mg/Kg	1		6020	Total/NA
Lead	9.5		0.098	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.91		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	69		0.20	0.098	mg/Kg	1		6020	Total/NA
Selenium	0.37		0.20	0.098	mg/Kg	1		6020	Total/NA
Silver	0.092	J	0.098	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.15		0.098	0.049	mg/Kg	1		6020	Total/NA
Vanadium	77		0.98	0.29	mg/Kg	1		6020	Total/NA
Zinc	59		0.98	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.058		0.038	0.0082	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-3

Lab Sample ID: 720-99608-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.50	J	0.98	0.49	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	5.2		4.9	3.7	mg/Kg	1		8015B	Total/NA
4,4'-DDE	0.00013		0.000082	0.000017	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.13	J	0.19	0.096	mg/Kg	1		6020	Total/NA
Arsenic	2.0		0.19	0.14	mg/Kg	1		6020	Total/NA
Barium	93		0.19	0.13	mg/Kg	1		6020	Total/NA
Beryllium	0.33		0.096	0.0096	mg/Kg	1		6020	Total/NA
Cadmium	0.095	J	0.096	0.048	mg/Kg	1		6020	Total/NA
Chromium	57		0.19	0.096	mg/Kg	1		6020	Total/NA
Cobalt	13		0.096	0.058	mg/Kg	1		6020	Total/NA
Copper	19		0.19	0.096	mg/Kg	1		6020	Total/NA
Lead	4.1		0.096	0.058	mg/Kg	1		6020	Total/NA
Molybdenum	0.34		0.19	0.019	mg/Kg	1		6020	Total/NA
Nickel	50		0.19	0.096	mg/Kg	1		6020	Total/NA
Selenium	0.10	J	0.19	0.096	mg/Kg	1		6020	Total/NA
Silver	0.037	J	0.096	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.067	J	0.096	0.048	mg/Kg	1		6020	Total/NA
Vanadium	58		0.96	0.29	mg/Kg	1		6020	Total/NA
Zinc	35		0.96	0.58	mg/Kg	1		6020	Total/NA
Mercury	0.080		0.038	0.0082	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP3-01

Lab Sample ID: 720-99608-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.0		4.9	2.5	mg/Kg	5		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	97		25	19	mg/Kg	5		8015B	Total/NA
4,4'-DDE	0.000049	J	0.000082	0.000017	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.29		0.19	0.095	mg/Kg	1		6020	Total/NA
Arsenic	3.3		0.19	0.14	mg/Kg	1		6020	Total/NA
Barium	260		0.19	0.13	mg/Kg	1		6020	Total/NA
Beryllium	0.68		0.095	0.0095	mg/Kg	1		6020	Total/NA
Cadmium	0.19		0.095	0.048	mg/Kg	1		6020	Total/NA
Chromium	77		0.19	0.095	mg/Kg	1		6020	Total/NA
Cobalt	15		0.095	0.057	mg/Kg	1		6020	Total/NA
Copper	33		0.19	0.095	mg/Kg	1		6020	Total/NA
Lead	7.9		0.095	0.057	mg/Kg	1		6020	Total/NA
Molybdenum	0.78		0.19	0.019	mg/Kg	1		6020	Total/NA
Nickel	72		0.19	0.095	mg/Kg	1		6020	Total/NA
Selenium	0.40		0.19	0.095	mg/Kg	1		6020	Total/NA
Silver	0.10		0.095	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.16		0.095	0.048	mg/Kg	1		6020	Total/NA
Vanadium	71		0.95	0.29	mg/Kg	1		6020	Total/NA
Zinc	56		0.95	0.57	mg/Kg	1		6020	Total/NA
Mercury	0.062		0.041	0.0089	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP3-2

Lab Sample ID: 720-99608-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.80	J	0.98	0.49	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	9.4		4.9	3.7	mg/Kg	1		8015B	Total/NA
Antimony	0.21		0.20	0.10	mg/Kg	1		6020	Total/NA
Arsenic	2.6		0.20	0.15	mg/Kg	1		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-2 (Continued)

Lab Sample ID: 720-99608-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	160		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.62		0.10	0.010	mg/Kg	1		6020	Total/NA
Cadmium	0.11		0.10	0.050	mg/Kg	1		6020	Total/NA
Chromium	84		0.20	0.10	mg/Kg	1		6020	Total/NA
Cobalt	14		0.10	0.060	mg/Kg	1		6020	Total/NA
Copper	29		0.20	0.10	mg/Kg	1		6020	Total/NA
Lead	6.5		0.10	0.060	mg/Kg	1		6020	Total/NA
Molybdenum	0.31		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	71		0.20	0.10	mg/Kg	1		6020	Total/NA
Selenium	0.18	J	0.20	0.10	mg/Kg	1		6020	Total/NA
Silver	0.079	J	0.10	0.030	mg/Kg	1		6020	Total/NA
Thallium	0.13		0.10	0.050	mg/Kg	1		6020	Total/NA
Vanadium	76		1.0	0.30	mg/Kg	1		6020	Total/NA
Zinc	44		1.0	0.60	mg/Kg	1		6020	Total/NA
Mercury	0.035	J	0.037	0.0079	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA8-01

Lab Sample ID: 720-99608-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.00017		0.000082	0.000017	mg/Kg	1		EPA 8081A LL	Total/NA
4,4'-DDT	0.000080	J	0.000082	0.000032	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.17	J	0.20	0.098	mg/Kg	1		6020	Total/NA
Arsenic	1.6		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	150		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.46		0.098	0.0098	mg/Kg	1		6020	Total/NA
Cadmium	0.095	J	0.098	0.049	mg/Kg	1		6020	Total/NA
Chromium	70		0.20	0.098	mg/Kg	1		6020	Total/NA
Cobalt	12		0.098	0.059	mg/Kg	1		6020	Total/NA
Copper	23		0.20	0.098	mg/Kg	1		6020	Total/NA
Lead	4.6		0.098	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.16	J	0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	55		0.20	0.098	mg/Kg	1		6020	Total/NA
Selenium	0.11	J	0.20	0.098	mg/Kg	1		6020	Total/NA
Silver	0.052	J	0.098	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.087	J	0.098	0.049	mg/Kg	1		6020	Total/NA
Vanadium	60		0.98	0.29	mg/Kg	1		6020	Total/NA
Zinc	34		0.98	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.031	J	0.043	0.0092	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA8-2

Lab Sample ID: 720-99608-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	13		0.97	0.48	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	4.2	J	4.8	3.7	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.00010		0.000081	0.000035	mg/Kg	1		EPA 8081A LL	Total/NA
4,4'-DDE	0.00053		0.000081	0.000017	mg/Kg	1		EPA 8081A LL	Total/NA
4,4'-DDT	0.00015		0.000081	0.000032	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.16	J	0.21	0.10	mg/Kg	1		6020	Total/NA
Arsenic	2.8		0.21	0.16	mg/Kg	1		6020	Total/NA
Barium	150		0.21	0.15	mg/Kg	1		6020	Total/NA
Beryllium	0.73		0.10	0.010	mg/Kg	1		6020	Total/NA
Cadmium	0.13		0.10	0.052	mg/Kg	1		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-2 (Continued)

Lab Sample ID: 720-99608-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	75		0.21	0.10	mg/Kg	1		6020	Total/NA
Cobalt	14		0.10	0.063	mg/Kg	1		6020	Total/NA
Copper	31		0.21	0.10	mg/Kg	1		6020	Total/NA
Lead	8.4		0.10	0.063	mg/Kg	1		6020	Total/NA
Molybdenum	0.27		0.21	0.021	mg/Kg	1		6020	Total/NA
Nickel	66		0.21	0.10	mg/Kg	1		6020	Total/NA
Selenium	0.25		0.21	0.10	mg/Kg	1		6020	Total/NA
Silver	0.098	J	0.10	0.031	mg/Kg	1		6020	Total/NA
Thallium	0.13		0.10	0.052	mg/Kg	1		6020	Total/NA
Vanadium	65		1.0	0.31	mg/Kg	1		6020	Total/NA
Zinc	53		1.0	0.63	mg/Kg	1		6020	Total/NA
Mercury	0.039		0.039	0.0083	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP4-01

Lab Sample ID: 720-99608-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	260	J	330	160	mg/Kg	100		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	5900		1600	1200	mg/Kg	100		8015B	Total/NA
Antimony	0.21		0.18	0.090	mg/Kg	1		6020	Total/NA
Arsenic	1.8		0.18	0.14	mg/Kg	1		6020	Total/NA
Barium	1100		0.18	0.13	mg/Kg	1		6020	Total/NA
Beryllium	0.16		0.090	0.0090	mg/Kg	1		6020	Total/NA
Cadmium	0.19		0.090	0.045	mg/Kg	1		6020	Total/NA
Chromium	34		0.18	0.090	mg/Kg	1		6020	Total/NA
Cobalt	10		0.090	0.054	mg/Kg	1		6020	Total/NA
Copper	48		0.18	0.090	mg/Kg	1		6020	Total/NA
Lead	2.6		0.090	0.054	mg/Kg	1		6020	Total/NA
Molybdenum	0.54		0.18	0.018	mg/Kg	1		6020	Total/NA
Nickel	41		0.18	0.090	mg/Kg	1		6020	Total/NA
Selenium	0.31		0.18	0.090	mg/Kg	1		6020	Total/NA
Thallium	0.056	J	0.090	0.045	mg/Kg	1		6020	Total/NA
Vanadium	31		0.90	0.27	mg/Kg	1		6020	Total/NA
Zinc	24		0.90	0.54	mg/Kg	1		6020	Total/NA
Mercury	0.085		0.043	0.0092	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP4-2

Lab Sample ID: 720-99608-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.9	J	2.0	0.99	mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	32		9.9	7.4	mg/Kg	2		8015B	Total/NA
4,4'-DDE	0.000019	J	0.000081	0.000016	mg/Kg	1		EPA 8081A LL	Total/NA
Dieldrin	0.000031	J	0.000081	0.000020	mg/Kg	1		EPA 8081A LL	Total/NA
Antimony	0.22		0.21	0.10	mg/Kg	1		6020	Total/NA
Arsenic	2.1		0.21	0.15	mg/Kg	1		6020	Total/NA
Barium	240		0.21	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.72		0.10	0.010	mg/Kg	1		6020	Total/NA
Cadmium	0.13		0.10	0.052	mg/Kg	1		6020	Total/NA
Chromium	68		0.21	0.10	mg/Kg	1		6020	Total/NA
Cobalt	12		0.10	0.062	mg/Kg	1		6020	Total/NA
Copper	33		0.21	0.10	mg/Kg	1		6020	Total/NA
Lead	8.8		0.10	0.062	mg/Kg	1		6020	Total/NA
Molybdenum	0.65		0.21	0.021	mg/Kg	1		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-2 (Continued)

Lab Sample ID: 720-99608-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	60		0.21	0.10	mg/Kg	1		6020	Total/NA
Selenium	0.34		0.21	0.10	mg/Kg	1		6020	Total/NA
Silver	0.10		0.10	0.031	mg/Kg	1		6020	Total/NA
Thallium	0.15		0.10	0.052	mg/Kg	1		6020	Total/NA
Vanadium	58		1.0	0.31	mg/Kg	1		6020	Total/NA
Zinc	52		1.0	0.62	mg/Kg	1		6020	Total/NA
Mercury	0.039	J	0.040	0.0086	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP5-01

Lab Sample ID: 720-99608-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	15		9.8	4.9	mg/Kg	10		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	270		49	37	mg/Kg	10		8015B	Total/NA
4,4'-DDE	0.0019	J	0.0041	0.00083	mg/Kg	50		EPA 8081A LL	Total/NA
Antimony	0.36		0.18	0.091	mg/Kg	1		6020	Total/NA
Arsenic	1.5		0.18	0.14	mg/Kg	1		6020	Total/NA
Barium	290		0.18	0.13	mg/Kg	1		6020	Total/NA
Beryllium	0.22		0.091	0.0091	mg/Kg	1		6020	Total/NA
Cadmium	1.2		0.091	0.045	mg/Kg	1		6020	Total/NA
Chromium	39		0.18	0.091	mg/Kg	1		6020	Total/NA
Cobalt	3.5		0.091	0.055	mg/Kg	1		6020	Total/NA
Copper	27		0.18	0.091	mg/Kg	1		6020	Total/NA
Lead	0.99		0.091	0.055	mg/Kg	1		6020	Total/NA
Molybdenum	0.41		0.18	0.018	mg/Kg	1		6020	Total/NA
Nickel	17		0.18	0.091	mg/Kg	1		6020	Total/NA
Selenium	0.32		0.18	0.091	mg/Kg	1		6020	Total/NA
Silver	0.031	J	0.091	0.027	mg/Kg	1		6020	Total/NA
Thallium	0.078	J	0.091	0.045	mg/Kg	1		6020	Total/NA
Vanadium	83		0.91	0.27	mg/Kg	1		6020	Total/NA
Zinc	24		0.91	0.55	mg/Kg	1		6020	Total/NA
Mercury	0.088		0.039	0.0085	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP5-2

Lab Sample ID: 720-99608-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	69		49	25	mg/Kg	50		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	1200		250	190	mg/Kg	50		8015B	Total/NA
4,4'-DDE	0.0024	J	0.0042	0.00085	mg/Kg	50		EPA 8081A LL	Total/NA
Antimony	0.69		0.19	0.096	mg/Kg	1		6020	Total/NA
Arsenic	2.0		0.19	0.14	mg/Kg	1		6020	Total/NA
Barium	390		0.19	0.13	mg/Kg	1		6020	Total/NA
Beryllium	0.21		0.096	0.0096	mg/Kg	1		6020	Total/NA
Cadmium	0.37		0.096	0.048	mg/Kg	1		6020	Total/NA
Chromium	27		0.19	0.096	mg/Kg	1		6020	Total/NA
Cobalt	14		0.096	0.058	mg/Kg	1		6020	Total/NA
Copper	51		0.19	0.096	mg/Kg	1		6020	Total/NA
Lead	3.3		0.096	0.058	mg/Kg	1		6020	Total/NA
Molybdenum	1.3		0.19	0.019	mg/Kg	1		6020	Total/NA
Nickel	56		0.19	0.096	mg/Kg	1		6020	Total/NA
Selenium	0.36		0.19	0.096	mg/Kg	1		6020	Total/NA
Thallium	0.19		0.096	0.048	mg/Kg	1		6020	Total/NA
Vanadium	30		0.96	0.29	mg/Kg	1		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-2 (Continued)

Lab Sample ID: 720-99608-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	56		0.96	0.58	mg/Kg	1		6020	Total/NA
Mercury	0.21		0.040	0.0086	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.00055	J	0.00098	0.00049	mg/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	3.8		2.0	1.0	mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	45		10	7.5	mg/Kg	2		8015B	Total/NA
4,4'-DDD	0.011		0.0016	0.00070	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDE	0.25		0.0016	0.00034	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDT	0.038		0.0016	0.00065	mg/Kg	20		EPA 8081A LL	Total/NA
Antimony	0.37		0.20	0.099	mg/Kg	1		6020	Total/NA
Arsenic	17		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	170		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.43		0.099	0.0099	mg/Kg	1		6020	Total/NA
Cadmium	0.30		0.099	0.050	mg/Kg	1		6020	Total/NA
Chromium	49		0.20	0.099	mg/Kg	1		6020	Total/NA
Cobalt	9.3		0.099	0.059	mg/Kg	1		6020	Total/NA
Copper	26		0.20	0.099	mg/Kg	1		6020	Total/NA
Lead	60		0.099	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.80		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	47		0.20	0.099	mg/Kg	1		6020	Total/NA
Selenium	1.0		0.20	0.099	mg/Kg	1		6020	Total/NA
Silver	0.080	J	0.099	0.030	mg/Kg	1		6020	Total/NA
Thallium	0.20		0.099	0.050	mg/Kg	1		6020	Total/NA
Vanadium	42		0.99	0.30	mg/Kg	1		6020	Total/NA
Zinc	55		0.99	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.073		0.039	0.0083	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP1-2

Lab Sample ID: 720-99608-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.92	J	1.0	0.50	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	5.8		5.0	3.8	mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.0045		0.00081	0.00035	mg/Kg	10		EPA 8081A LL	Total/NA
4,4'-DDE	0.061		0.00081	0.00016	mg/Kg	10		EPA 8081A LL	Total/NA
4,4'-DDT	0.0087		0.00081	0.00032	mg/Kg	10		EPA 8081A LL	Total/NA
Antimony	0.16	J	0.20	0.098	mg/Kg	1		6020	Total/NA
Arsenic	6.7		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	130		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.43		0.098	0.0098	mg/Kg	1		6020	Total/NA
Cadmium	0.16		0.098	0.049	mg/Kg	1		6020	Total/NA
Chromium	34		0.20	0.098	mg/Kg	1		6020	Total/NA
Cobalt	8.4		0.098	0.059	mg/Kg	1		6020	Total/NA
Copper	21		0.20	0.098	mg/Kg	1		6020	Total/NA
Lead	13		0.098	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.54		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	38		0.20	0.098	mg/Kg	1		6020	Total/NA
Selenium	0.24		0.20	0.098	mg/Kg	1		6020	Total/NA
Silver	0.060	J	0.098	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.069	J	0.098	0.049	mg/Kg	1		6020	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-2 (Continued)

Lab Sample ID: 720-99608-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	33		0.98	0.29	mg/Kg	1		6020	Total/NA
Zinc	45		0.98	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.066		0.038	0.0081	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Styrene	0.0030		0.00099	0.00050	mg/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	67		2.0	0.99	mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	59		9.9	7.5	mg/Kg	2		8015B	Total/NA
4,4'-DDD	0.021		0.0017	0.00071	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDT	0.10		0.0017	0.00065	mg/Kg	20		EPA 8081A LL	Total/NA
4,4'-DDE - DL	0.34		0.0033	0.00068	mg/Kg	40		EPA 8081A LL	Total/NA
Antimony	0.26		0.20	0.098	mg/Kg	1		6020	Total/NA
Arsenic	32		0.20	0.15	mg/Kg	1		6020	Total/NA
Barium	220		0.20	0.14	mg/Kg	1		6020	Total/NA
Beryllium	0.74		0.098	0.0098	mg/Kg	1		6020	Total/NA
Cadmium	0.24		0.098	0.049	mg/Kg	1		6020	Total/NA
Chromium	66		0.20	0.098	mg/Kg	1		6020	Total/NA
Cobalt	13		0.098	0.059	mg/Kg	1		6020	Total/NA
Copper	43		0.20	0.098	mg/Kg	1		6020	Total/NA
Lead	110		0.098	0.059	mg/Kg	1		6020	Total/NA
Molybdenum	0.76		0.20	0.020	mg/Kg	1		6020	Total/NA
Nickel	67		0.20	0.098	mg/Kg	1		6020	Total/NA
Selenium	0.44		0.20	0.098	mg/Kg	1		6020	Total/NA
Silver	0.097	J	0.098	0.029	mg/Kg	1		6020	Total/NA
Thallium	0.15		0.098	0.049	mg/Kg	1		6020	Total/NA
Vanadium	62		0.98	0.29	mg/Kg	1		6020	Total/NA
Zinc	62		0.98	0.59	mg/Kg	1		6020	Total/NA
Mercury	0.068		0.038	0.0081	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-01

Lab Sample ID: 720-99608-1

Date Collected: 08/20/20 08:45

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.10	0.070	mg/Kg			08/26/20 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		79 - 120					08/26/20 18:20	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
1,1,1-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
1,1,2-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,1-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 18:20	1
1,1-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
1,2,3-Trichloropropane	ND		0.010	0.0010	mg/Kg			08/26/20 18:20	1
1,2,4-Trichlorobenzene	ND		0.0050	0.0010	mg/Kg			08/26/20 18:20	1
1,2,4-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 18:20	1
1,2-Dibromoethane (EDB)	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,2-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,2-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,2-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,3,5-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
1,3-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,3-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
1,4-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
2,2-Dichloropropane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
2-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
4-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Benzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Bromobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Bromochloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Bromodichloromethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Bromoform	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Bromomethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 18:20	1
Chlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Chloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Chloroform	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Chloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
cis-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
cis-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Dibromomethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Dichlorodifluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Ethylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Hexachlorobutadiene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Isopropylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Methylene Chloride	ND		0.010	0.0050	mg/Kg			08/26/20 18:20	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-01

Lab Sample ID: 720-99608-1

Date Collected: 08/20/20 08:45

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Naphthalene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
n-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
N-Propylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
o-Xylene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
p-Isopropyltoluene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
sec-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Styrene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
tert-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Tetrachloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Toluene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
trans-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
trans-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Trichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:20	1
Trichlorofluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Vinyl chloride	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.0010	mg/Kg			08/26/20 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		08/26/20 18:20	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 18:20	1
Dibromofluoromethane (Surr)	100		60 - 120		08/26/20 18:20	1
Toluene-d8 (Surr)	98		79 - 123		08/26/20 18:20	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12		0.98	0.49	mg/Kg		09/01/20 14:02	09/04/20 17:44	1
Motor Oil Range Organics [C28-C40]	19		4.9	3.7	mg/Kg		09/01/20 14:02	09/04/20 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	56	X	63 - 141	09/01/20 14:02	09/04/20 17:44	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.023		0.0041	0.0017	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
4,4'-DDE	0.47		0.0041	0.00083	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
4,4'-DDT	0.098		0.0041	0.0016	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Aldrin	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
alpha-BHC	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
beta-BHC	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
cis-Chlordane	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
delta-BHC	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Dieldrin	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endosulfan I	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endosulfan II	ND		0.0041	0.00090	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endosulfan sulfate	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endrin	ND		0.0041	0.00077	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endrin aldehyde	ND		0.0041	0.0015	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Endrin ketone	ND		0.0041	0.00056	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
gamma-BHC (Lindane)	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/04/20 10:43	50

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-01

Lab Sample ID: 720-99608-1

Date Collected: 08/20/20 08:45

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Heptachlor epoxide	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Methoxychlor	ND		0.0081	0.0016	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
Toxaphene	ND		0.16	0.11	mg/Kg		08/28/20 09:21	09/04/20 10:43	50
trans-Chlordane	ND		0.0041	0.00095	mg/Kg		08/28/20 09:21	09/04/20 10:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	20 - 137	08/28/20 09:21	09/04/20 10:43	50

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.41	F1	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Arsenic	23		0.21	0.16	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Barium	220		0.21	0.15	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Beryllium	0.70		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Cadmium	0.28		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Chromium	63	F1	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Cobalt	13		0.10	0.063	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Copper	37	F1	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Lead	68	F1	0.10	0.063	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Molybdenum	0.75		0.21	0.021	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Nickel	65	F1	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Selenium	0.54	F1	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Silver	0.10		0.10	0.031	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Thallium	0.19		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Vanadium	63	F1	1.0	0.31	mg/Kg		08/24/20 07:00	08/25/20 17:40	1
Zinc	72		1.0	0.63	mg/Kg		08/24/20 07:00	08/25/20 17:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15	F1	0.040	0.0086	mg/Kg		08/27/20 08:20	08/27/20 14:00	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-01

Lab Sample ID: 720-99608-6

Date Collected: 08/20/20 09:20

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	0.24		0.10	0.070	mg/Kg			08/26/20 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		79 - 120					08/26/20 18:48	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
1,1,1-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
1,1,2-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,1-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 18:48	1
1,1-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
1,2,3-Trichloropropane	ND		0.010	0.0010	mg/Kg			08/26/20 18:48	1
1,2,4-Trichlorobenzene	ND		0.0050	0.0010	mg/Kg			08/26/20 18:48	1
1,2,4-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 18:48	1
1,2-Dibromoethane (EDB)	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,2-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,2-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,2-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,3,5-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
1,3-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,3-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
1,4-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
2,2-Dichloropropane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
2-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
4-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Benzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Bromobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Bromochloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Bromodichloromethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Bromoform	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Bromomethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 18:48	1
Chlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Chloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Chloroform	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Chloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
cis-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
cis-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Dibromomethane	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Dichlorodifluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Ethylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Hexachlorobutadiene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Isopropylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Methylene Chloride	ND		0.010	0.0050	mg/Kg			08/26/20 18:48	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-01

Lab Sample ID: 720-99608-6

Date Collected: 08/20/20 09:20

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Naphthalene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
n-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
N-Propylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
o-Xylene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
p-Isopropyltoluene	0.0040		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
sec-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Styrene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
tert-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Tetrachloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Toluene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
trans-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
trans-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Trichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 18:48	1
Trichlorofluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Vinyl chloride	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.0010	mg/Kg			08/26/20 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		08/26/20 18:48	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 18:48	1
Dibromofluoromethane (Surr)	101		60 - 120		08/26/20 18:48	1
Toluene-d8 (Surr)	98		79 - 123		08/26/20 18:48	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		0.98	0.49	mg/Kg		09/01/20 14:02	09/04/20 18:12	1
Motor Oil Range Organics [C28-C40]	29		4.9	3.7	mg/Kg		09/01/20 14:02	09/04/20 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	59	X	63 - 141	09/01/20 14:02	09/04/20 18:12	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0039		0.00041	0.00018	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
4,4'-DDE	0.021		0.00041	0.000084	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
4,4'-DDT	0.011		0.00041	0.00016	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Aldrin	ND		0.00041	0.00013	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
alpha-BHC	ND		0.00041	0.00010	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
beta-BHC	ND		0.00041	0.00011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
cis-Chlordane	ND		0.00041	0.00010	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
delta-BHC	ND		0.00041	0.00013	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Dieldrin	ND		0.00041	0.00010	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endosulfan I	ND		0.00041	0.00011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endosulfan II	0.00071		0.00041	0.000091	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endosulfan sulfate	ND		0.00041	0.00011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endrin	ND		0.00041	0.000078	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endrin aldehyde	ND		0.00041	0.00015	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Endrin ketone	ND		0.00041	0.000057	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
gamma-BHC (Lindane)	ND		0.00041	0.00011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-01

Lab Sample ID: 720-99608-6

Date Collected: 08/20/20 09:20

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.00041	0.00013	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Heptachlor epoxide	ND		0.00041	0.00011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Methoxychlor	ND		0.00083	0.00016	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
Toxaphene	ND		0.017	0.011	mg/Kg		08/28/20 09:21	09/03/20 19:26	5
trans-Chlordane	ND		0.00041	0.000096	mg/Kg		08/28/20 09:21	09/03/20 19:26	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		20 - 137	08/28/20 09:21	09/03/20 19:26	5

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.25		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Arsenic	4.8		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Barium	170		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Beryllium	0.65		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Cadmium	0.16		0.10	0.051	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Chromium	74		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Cobalt	16		0.10	0.061	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Copper	32		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Lead	12		0.10	0.061	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Molybdenum	0.67		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Nickel	71		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Selenium	0.30		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Silver	0.082	J	0.10	0.031	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Thallium	0.14		0.10	0.051	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Vanadium	66		1.0	0.31	mg/Kg		08/24/20 07:00	08/25/20 18:07	1
Zinc	51		1.0	0.61	mg/Kg		08/24/20 07:00	08/25/20 18:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.074		0.041	0.0087	mg/Kg		08/27/20 08:20	08/27/20 14:10	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-2

Lab Sample ID: 720-99608-7

Date Collected: 08/20/20 09:21

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	0.068	J	0.097	0.068	mg/Kg			08/26/20 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		79 - 120					08/26/20 19:16	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
1,1,1-Trichloroethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
1,1,2-Trichloroethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,1-Dichloroethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,1-Dichloroethene	ND		0.0019	0.00049	mg/Kg			08/26/20 19:16	1
1,1-Dichloropropene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
1,2,3-Trichloropropane	ND		0.0097	0.00097	mg/Kg			08/26/20 19:16	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00097	mg/Kg			08/26/20 19:16	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0019	mg/Kg			08/26/20 19:16	1
1,2-Dibromoethane (EDB)	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,2-Dichlorobenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,2-Dichloroethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,2-Dichloropropane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
1,3-Dichlorobenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,3-Dichloropropane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
1,4-Dichlorobenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
2,2-Dichloropropane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
2-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
4-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Benzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Bromobenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Bromochloromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Bromodichloromethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Bromoform	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Bromomethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Carbon tetrachloride	ND		0.0019	0.00049	mg/Kg			08/26/20 19:16	1
Chlorobenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Chloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Chloroform	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Chloromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
cis-1,2-Dichloroethene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
cis-1,3-Dichloropropene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Dibromomethane	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Dichlorodifluoromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Ethylbenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Hexachlorobutadiene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Isopropylbenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Methylene Chloride	ND		0.0097	0.0049	mg/Kg			08/26/20 19:16	1

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Client Sample Results

Client: TRC Environmental Corporation
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Job ID: 720-99608-1

Client Sample ID: SP2-2

Lab Sample ID: 720-99608-7

Date Collected: 08/20/20 09:21

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Naphthalene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
n-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
N-Propylbenzene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
o-Xylene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
p-Isopropyltoluene	0.0010		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
sec-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Styrene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
tert-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Tetrachloroethene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Toluene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
trans-1,2-Dichloroethene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
trans-1,3-Dichloropropene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Trichloroethene	ND		0.00097	0.00049	mg/Kg			08/26/20 19:16	1
Trichlorofluoromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Vinyl chloride	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00097	mg/Kg			08/26/20 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		08/26/20 19:16	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 19:16	1
Dibromofluoromethane (Surr)	100		60 - 120		08/26/20 19:16	1
Toluene-d8 (Surr)	95		79 - 123		08/26/20 19:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12	F1 F2	0.97	0.49	mg/Kg		09/01/20 14:02	09/04/20 18:41	1
Motor Oil Range Organics [C28-C40]	18	F1 F2	4.9	3.7	mg/Kg		09/01/20 14:02	09/04/20 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	62	X	63 - 141	09/01/20 14:02	09/04/20 18:41	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.035		0.0016	0.00070	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
4,4'-DDT	0.099		0.0016	0.00065	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Aldrin	ND		0.0016	0.00051	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
alpha-BHC	ND		0.0016	0.00040	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
beta-BHC	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
cis-Chlordane	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
delta-BHC	ND		0.0016	0.00052	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Dieldrin	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endosulfan I	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endosulfan II	ND		0.0016	0.00036	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endosulfan sulfate	ND		0.0016	0.00043	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endrin	ND		0.0016	0.00031	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endrin aldehyde	ND		0.0016	0.00059	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Endrin ketone	ND		0.0016	0.00023	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
gamma-BHC (Lindane)	ND		0.0016	0.00042	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Heptachlor	ND		0.0016	0.00051	mg/Kg		08/28/20 09:21	09/04/20 10:59	20

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Client Sample Results

Client: TRC Environmental Corporation
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Job ID: 720-99608-1

Client Sample ID: SP2-2

Lab Sample ID: 720-99608-7

Date Collected: 08/20/20 09:21

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.0016	0.00042	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Methoxychlor	ND		0.0033	0.00064	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
Toxaphene	ND		0.066	0.044	mg/Kg		08/28/20 09:21	09/04/20 10:59	20
trans-Chlordane	ND		0.0016	0.00038	mg/Kg		08/28/20 09:21	09/04/20 10:59	20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		20 - 137				08/28/20 09:21	09/04/20 10:59	20

Method: EPA 8081A LL - Organochlorine Pesticides (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.37		0.0033	0.00067	mg/Kg		08/28/20 09:21	09/04/20 19:14	40

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.23		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Arsenic	5.1		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Barium	230		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Beryllium	0.69		0.098	0.0098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Cadmium	0.14		0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Chromium	75		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Cobalt	14		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Copper	33		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Lead	14		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Molybdenum	0.69		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Nickel	71		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Selenium	0.28		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Silver	0.093	J	0.098	0.029	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Thallium	0.14		0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Vanadium	70		0.98	0.29	mg/Kg		08/24/20 07:00	08/25/20 18:10	1
Zinc	52		0.98	0.59	mg/Kg		08/24/20 07:00	08/25/20 18:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.039	0.0083	mg/Kg		08/27/20 08:20	08/27/20 14:13	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-2

Lab Sample ID: 720-99608-12

Date Collected: 08/20/20 10:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.099	0.069	mg/Kg			08/26/20 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		79 - 120					08/26/20 19:44	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
1,1,1-Trichloroethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
1,1,2-Trichloroethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,1-Dichloroethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,1-Dichloroethene	ND		0.0020	0.00049	mg/Kg			08/26/20 19:44	1
1,1-Dichloropropene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
1,2,3-Trichloropropane	ND		0.0099	0.00099	mg/Kg			08/26/20 19:44	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00099	mg/Kg			08/26/20 19:44	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0020	mg/Kg			08/26/20 19:44	1
1,2-Dibromoethane (EDB)	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,2-Dichlorobenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,2-Dichloroethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,2-Dichloropropane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
1,3-Dichlorobenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,3-Dichloropropane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
1,4-Dichlorobenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
2,2-Dichloropropane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
2-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
4-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Benzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Bromobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Bromochloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Bromodichloromethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Bromoform	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Bromomethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Carbon tetrachloride	ND		0.0020	0.00049	mg/Kg			08/26/20 19:44	1
Chlorobenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Chloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Chloroform	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Chloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
cis-1,2-Dichloroethene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
cis-1,3-Dichloropropene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Dibromomethane	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Dichlorodifluoromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Ethylbenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Hexachlorobutadiene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Isopropylbenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Methylene Chloride	ND		0.0099	0.0049	mg/Kg			08/26/20 19:44	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-2

Lab Sample ID: 720-99608-12

Date Collected: 08/20/20 10:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Naphthalene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
n-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
N-Propylbenzene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
o-Xylene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
p-Isopropyltoluene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
sec-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Styrene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
tert-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Tetrachloroethene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Toluene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
trans-1,2-Dichloroethene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
trans-1,3-Dichloropropene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Trichloroethene	ND		0.00099	0.00049	mg/Kg			08/26/20 19:44	1
Trichlorofluoromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Vinyl chloride	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00099	mg/Kg			08/26/20 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		08/26/20 19:44	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 19:44	1
Dibromofluoromethane (Surr)	102		60 - 120		08/26/20 19:44	1
Toluene-d8 (Surr)	98		79 - 123		08/26/20 19:44	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.71	J	1.0	0.50	mg/Kg		09/01/20 14:02	09/04/20 20:07	1
Motor Oil Range Organics [C28-C40]	8.3		5.0	3.8	mg/Kg		09/01/20 14:02	09/04/20 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60	X	63 - 141	09/01/20 14:02	09/04/20 20:07	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0018		0.000082	0.000035	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
4,4'-DDE	0.0081		0.000082	0.000017	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
4,4'-DDT	0.00073		0.000082	0.000032	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Aldrin	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
alpha-BHC	ND		0.000082	0.000020	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
beta-BHC	ND		0.000082	0.000023	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
cis-Chlordane	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
delta-BHC	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Dieldrin	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endosulfan I	ND		0.000082	0.000022	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endosulfan II	ND		0.000082	0.000018	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endosulfan sulfate	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endrin	ND		0.000082	0.000015	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endrin aldehyde	ND		0.000082	0.000029	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Endrin ketone	ND		0.000082	0.000011	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
gamma-BHC (Lindane)	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 19:57	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-2

Lab Sample ID: 720-99608-12

Date Collected: 08/20/20 10:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Heptachlor epoxide	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Methoxychlor	ND		0.00016	0.000032	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
Toxaphene	ND		0.0033	0.0022	mg/Kg		08/28/20 09:21	09/03/20 19:57	1
trans-Chlordane	ND		0.000082	0.000019	mg/Kg		08/28/20 09:21	09/03/20 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		20 - 137	08/28/20 09:21	09/03/20 19:57	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.29		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Arsenic	3.4		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Barium	190		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Beryllium	0.72		0.098	0.0098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Cadmium	0.20		0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Chromium	78		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Cobalt	15		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Copper	32		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Lead	9.5		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Molybdenum	0.91		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Nickel	69		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Selenium	0.37		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Silver	0.092	J	0.098	0.029	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Thallium	0.15		0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Vanadium	77		0.98	0.29	mg/Kg		08/24/20 07:00	08/25/20 18:13	1
Zinc	59		0.98	0.59	mg/Kg		08/24/20 07:00	08/25/20 18:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.038	0.0082	mg/Kg		08/27/20 08:20	08/27/20 14:15	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-3

Lab Sample ID: 720-99608-13

Date Collected: 08/20/20 10:32

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.096	0.067	mg/Kg			08/26/20 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		79 - 120					08/26/20 20:12	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
1,1,1-Trichloroethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
1,1,2-Trichloroethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,1-Dichloroethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,1-Dichloroethene	ND		0.0019	0.00048	mg/Kg			08/26/20 20:12	1
1,1-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
1,2,3-Trichloropropane	ND		0.0096	0.00096	mg/Kg			08/26/20 20:12	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00096	mg/Kg			08/26/20 20:12	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
1,2-Dibromo-3-Chloropropane	ND		0.0048	0.0019	mg/Kg			08/26/20 20:12	1
1,2-Dibromoethane (EDB)	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,2-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,2-Dichloroethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,2-Dichloropropane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
1,3-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,3-Dichloropropane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
1,4-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
2,2-Dichloropropane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
2-Chlorotoluene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
4-Chlorotoluene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Benzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Bromobenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Bromochloromethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Bromodichloromethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Bromoform	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Bromomethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Carbon tetrachloride	ND		0.0019	0.00048	mg/Kg			08/26/20 20:12	1
Chlorobenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Chloroethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Chloroform	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Chloromethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
cis-1,2-Dichloroethene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
cis-1,3-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Dibromomethane	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Ethylbenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Hexachlorobutadiene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Isopropylbenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Methylene Chloride	ND		0.0096	0.0048	mg/Kg			08/26/20 20:12	1
m-Xylene & p-Xylene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-3

Lab Sample ID: 720-99608-13

Date Collected: 08/20/20 10:32

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
n-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
N-Propylbenzene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
o-Xylene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
p-Isopropyltoluene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
sec-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Styrene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
tert-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Tetrachloroethene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Toluene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
trans-1,2-Dichloroethene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
trans-1,3-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Trichloroethene	ND		0.00096	0.00048	mg/Kg			08/26/20 20:12	1
Trichlorofluoromethane	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Vinyl chloride	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00096	mg/Kg			08/26/20 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		08/26/20 20:12	1
4-Bromofluorobenzene (Surr)	88		79 - 120		08/26/20 20:12	1
Dibromofluoromethane (Surr)	101		60 - 120		08/26/20 20:12	1
Toluene-d8 (Surr)	96		79 - 123		08/26/20 20:12	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/27/20 22:28	1
4-Bromofluorobenzene (Surr)	86		79 - 120		08/27/20 22:28	1
Dibromofluoromethane (Surr)	102		60 - 120		08/27/20 22:28	1
Toluene-d8 (Surr)	97		79 - 123		08/27/20 22:28	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.50	J	0.98	0.49	mg/Kg		09/01/20 14:02	09/04/20 20:35	1
Motor Oil Range Organics [C28-C40]	5.2		4.9	3.7	mg/Kg		09/01/20 14:02	09/04/20 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	49	X	63 - 141	09/01/20 14:02	09/04/20 20:35	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000082	0.000035	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
4,4'-DDE	0.00013		0.000082	0.000017	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
4,4'-DDT	ND		0.000082	0.000032	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Aldrin	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
alpha-BHC	ND		0.000082	0.000020	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
beta-BHC	ND		0.000082	0.000023	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
cis-Chlordane	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 20:13	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA7-3

Lab Sample ID: 720-99608-13

Date Collected: 08/20/20 10:32

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Dieldrin	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endosulfan I	ND		0.000082	0.000022	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endosulfan II	ND		0.000082	0.000018	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endosulfan sulfate	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endrin	ND		0.000082	0.000016	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endrin aldehyde	ND		0.000082	0.000030	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Endrin ketone	ND		0.000082	0.000011	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
gamma-BHC (Lindane)	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Heptachlor	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Heptachlor epoxide	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Methoxychlor	ND		0.00016	0.000032	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Toxaphene	ND		0.0033	0.0022	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
trans-Chlordane	ND		0.000082	0.000019	mg/Kg		08/28/20 09:21	09/03/20 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		20 - 137				08/28/20 09:21	09/03/20 20:13	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.13	J	0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Arsenic	2.0		0.19	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Barium	93		0.19	0.13	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Beryllium	0.33		0.096	0.0096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Cadmium	0.095	J	0.096	0.048	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Chromium	57		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Cobalt	13		0.096	0.058	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Copper	19		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Lead	4.1		0.096	0.058	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Molybdenum	0.34		0.19	0.019	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Nickel	50		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Selenium	0.10	J	0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Silver	0.037	J	0.096	0.029	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Thallium	0.067	J	0.096	0.048	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Vanadium	58		0.96	0.29	mg/Kg		08/24/20 07:00	08/25/20 18:16	1
Zinc	35		0.96	0.58	mg/Kg		08/24/20 07:00	08/25/20 18:16	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080		0.038	0.0082	mg/Kg		08/27/20 08:20	08/27/20 14:24	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-01

Lab Sample ID: 720-99608-16

Date Collected: 08/20/20 11:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.099	0.069	mg/Kg			08/26/20 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		79 - 120					08/26/20 20:40	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
1,1,1-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
1,1,2-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,1-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 20:40	1
1,1-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
1,2,3-Trichloropropane	ND		0.0099	0.00099	mg/Kg			08/26/20 20:40	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00099	mg/Kg			08/26/20 20:40	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 20:40	1
1,2-Dibromoethane (EDB)	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,2-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,2-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,2-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
1,3-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,3-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
1,4-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
2,2-Dichloropropane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
2-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
4-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Benzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Bromobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Bromochloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Bromodichloromethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Bromoform	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Bromomethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 20:40	1
Chlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Chloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Chloroform	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Chloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
cis-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
cis-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Dibromomethane	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Dichlorodifluoromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Ethylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Hexachlorobutadiene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Isopropylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Methylene Chloride	ND		0.0099	0.0050	mg/Kg			08/26/20 20:40	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-01

Lab Sample ID: 720-99608-16

Date Collected: 08/20/20 11:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Naphthalene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
n-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
N-Propylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
o-Xylene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
p-Isopropyltoluene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
sec-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Styrene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
tert-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Tetrachloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Toluene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
trans-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
trans-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Trichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 20:40	1
Trichlorofluoromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Vinyl chloride	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00099	mg/Kg			08/26/20 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		08/26/20 20:40	1
4-Bromofluorobenzene (Surr)	91		79 - 120		08/26/20 20:40	1
Dibromofluoromethane (Surr)	103		60 - 120		08/26/20 20:40	1
Toluene-d8 (Surr)	97		79 - 123		08/26/20 20:40	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7.0		4.9	2.5	mg/Kg		09/01/20 14:02	09/04/20 21:04	5
Motor Oil Range Organics [C28-C40]	97		25	19	mg/Kg		09/01/20 14:02	09/04/20 21:04	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	55	X	63 - 141	09/01/20 14:02	09/04/20 21:04	5

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000082	0.000035	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
4,4'-DDE	0.000049	J	0.000082	0.000017	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
4,4'-DDT	ND		0.000082	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Aldrin	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
alpha-BHC	ND		0.000082	0.000020	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
beta-BHC	ND		0.000082	0.000023	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
cis-Chlordane	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
delta-BHC	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Dieldrin	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endosulfan I	ND		0.000082	0.000022	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endosulfan II	ND		0.000082	0.000018	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endosulfan sulfate	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endrin	ND		0.000082	0.000015	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endrin aldehyde	ND		0.000082	0.000029	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Endrin ketone	ND		0.000082	0.000011	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
gamma-BHC (Lindane)	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:01	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-01

Lab Sample ID: 720-99608-16

Date Collected: 08/20/20 11:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Heptachlor epoxide	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Methoxychlor	ND		0.00016	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
Toxaphene	ND		0.0033	0.0022	mg/Kg		08/28/20 09:21	09/03/20 22:01	1
trans-Chlordane	ND		0.000082	0.000019	mg/Kg		08/28/20 09:21	09/03/20 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		20 - 137	08/28/20 09:21	09/03/20 22:01	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.29		0.19	0.095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Arsenic	3.3		0.19	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Barium	260		0.19	0.13	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Beryllium	0.68		0.095	0.0095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Cadmium	0.19		0.095	0.048	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Chromium	77		0.19	0.095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Cobalt	15		0.095	0.057	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Copper	33		0.19	0.095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Lead	7.9		0.095	0.057	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Molybdenum	0.78		0.19	0.019	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Nickel	72		0.19	0.095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Selenium	0.40		0.19	0.095	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Silver	0.10		0.095	0.029	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Thallium	0.16		0.095	0.048	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Vanadium	71		0.95	0.29	mg/Kg		08/24/20 07:00	08/25/20 18:32	1
Zinc	56		0.95	0.57	mg/Kg		08/24/20 07:00	08/25/20 18:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062		0.041	0.0089	mg/Kg		08/27/20 08:20	08/27/20 14:27	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-2

Lab Sample ID: 720-99608-17

Date Collected: 08/20/20 11:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.10	0.070	mg/Kg			08/26/20 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		79 - 120					08/26/20 21:08	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
1,1,1-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
1,1,2-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,1-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 21:08	1
1,1-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
1,2,3-Trichloropropane	ND		0.010	0.0010	mg/Kg			08/26/20 21:08	1
1,2,4-Trichlorobenzene	ND		0.0050	0.0010	mg/Kg			08/26/20 21:08	1
1,2,4-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 21:08	1
1,2-Dibromoethane (EDB)	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,2-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,2-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,2-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,3,5-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
1,3-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,3-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
1,4-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
2,2-Dichloropropane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
2-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
4-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Benzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Bromobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Bromochloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Bromodichloromethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Bromoform	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Bromomethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 21:08	1
Chlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Chloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Chloroform	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Chloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
cis-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
cis-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Dibromomethane	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Dichlorodifluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Ethylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Hexachlorobutadiene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Isopropylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Methylene Chloride	ND		0.010	0.0050	mg/Kg			08/26/20 21:08	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-2

Lab Sample ID: 720-99608-17

Date Collected: 08/20/20 11:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Naphthalene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
n-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
N-Propylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
o-Xylene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
p-Isopropyltoluene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
sec-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Styrene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
tert-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Tetrachloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Toluene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
trans-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
trans-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Trichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 21:08	1
Trichlorofluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Vinyl chloride	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.0010	mg/Kg			08/26/20 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		08/26/20 21:08	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 21:08	1
Dibromofluoromethane (Surr)	104		60 - 120		08/26/20 21:08	1
Toluene-d8 (Surr)	96		79 - 123		08/26/20 21:08	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.80	J	0.98	0.49	mg/Kg		09/01/20 14:02	09/04/20 21:33	1
Motor Oil Range Organics [C28-C40]	9.4		4.9	3.7	mg/Kg		09/01/20 14:02	09/04/20 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	56	X	63 - 141	09/01/20 14:02	09/04/20 21:33	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0016	0.00071	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
4,4'-DDE	ND		0.0016	0.00034	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
4,4'-DDT	ND		0.0016	0.00065	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Aldrin	ND		0.0016	0.00051	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
alpha-BHC	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
beta-BHC	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
cis-Chlordane	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
delta-BHC	ND		0.0016	0.00052	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Dieldrin	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endosulfan I	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endosulfan II	ND		0.0016	0.00036	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endosulfan sulfate	ND		0.0016	0.00043	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endrin	ND		0.0016	0.00031	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endrin aldehyde	ND		0.0016	0.00059	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Endrin ketone	ND		0.0016	0.00023	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
gamma-BHC (Lindane)	ND		0.0016	0.00043	mg/Kg		08/28/20 09:21	09/03/20 22:16	20

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-2

Lab Sample ID: 720-99608-17

Date Collected: 08/20/20 11:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0016	0.00052	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Heptachlor epoxide	ND		0.0016	0.00042	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Methoxychlor	ND		0.0033	0.00064	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
Toxaphene	ND		0.066	0.045	mg/Kg		08/28/20 09:21	09/03/20 22:16	20
trans-Chlordane	ND		0.0016	0.00038	mg/Kg		08/28/20 09:21	09/03/20 22:16	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		20 - 137	08/28/20 09:21	09/03/20 22:16	20

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.21		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Arsenic	2.6		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Barium	160		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Beryllium	0.62		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Cadmium	0.11		0.10	0.050	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Chromium	84		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Cobalt	14		0.10	0.060	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Copper	29		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Lead	6.5		0.10	0.060	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Molybdenum	0.31		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Nickel	71		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Selenium	0.18	J	0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Silver	0.079	J	0.10	0.030	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Thallium	0.13		0.10	0.050	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Vanadium	76		1.0	0.30	mg/Kg		08/24/20 07:00	08/25/20 18:35	1
Zinc	44		1.0	0.60	mg/Kg		08/24/20 07:00	08/25/20 18:35	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J	0.037	0.0079	mg/Kg		08/27/20 08:20	08/27/20 14:29	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-01

Lab Sample ID: 720-99608-21

Date Collected: 08/20/20 12:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.097	0.068	mg/Kg			08/26/20 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		79 - 120					08/26/20 21:37	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
1,1,1-Trichloroethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
1,1,2-Trichloroethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,1-Dichloroethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,1-Dichloroethene	ND		0.0019	0.00048	mg/Kg			08/26/20 21:37	1
1,1-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
1,2,3-Trichloropropane	ND		0.0097	0.00097	mg/Kg			08/26/20 21:37	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00097	mg/Kg			08/26/20 21:37	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
1,2-Dibromo-3-Chloropropane	ND		0.0048	0.0019	mg/Kg			08/26/20 21:37	1
1,2-Dibromoethane (EDB)	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,2-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,2-Dichloroethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,2-Dichloropropane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
1,3-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,3-Dichloropropane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
1,4-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
2,2-Dichloropropane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
2-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
4-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Benzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Bromobenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Bromochloromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Bromodichloromethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Bromoform	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Bromomethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Carbon tetrachloride	ND		0.0019	0.00048	mg/Kg			08/26/20 21:37	1
Chlorobenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Chloroethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Chloroform	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Chloromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
cis-1,2-Dichloroethene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
cis-1,3-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Dibromomethane	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Dichlorodifluoromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Ethylbenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Hexachlorobutadiene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Isopropylbenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Methylene Chloride	ND		0.0097	0.0048	mg/Kg			08/26/20 21:37	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-01

Date Collected: 08/20/20 12:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-21

Matrix: Solid

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Naphthalene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
n-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
N-Propylbenzene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
o-Xylene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
p-Isopropyltoluene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
sec-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Styrene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
tert-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Tetrachloroethene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Toluene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
trans-1,2-Dichloroethene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
trans-1,3-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Trichloroethene	ND		0.00097	0.00048	mg/Kg			08/26/20 21:37	1
Trichlorofluoromethane	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Vinyl chloride	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00097	mg/Kg			08/26/20 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		08/26/20 21:37	1
4-Bromofluorobenzene (Surr)	90		79 - 120		08/26/20 21:37	1
Dibromofluoromethane (Surr)	98		60 - 120		08/26/20 21:37	1
Toluene-d8 (Surr)	95		79 - 123		08/26/20 21:37	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.50	mg/Kg		09/01/20 14:02	09/04/20 22:01	1
Motor Oil Range Organics [C28-C40]	ND		5.0	3.8	mg/Kg		09/01/20 14:02	09/04/20 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	59	X	63 - 141	09/01/20 14:02	09/04/20 22:01	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000082	0.000035	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
4,4'-DDE	0.00017		0.000082	0.000017	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
4,4'-DDT	0.000080	J	0.000082	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Aldrin	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
alpha-BHC	ND		0.000082	0.000020	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
beta-BHC	ND		0.000082	0.000023	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
cis-Chlordane	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
delta-BHC	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Dieldrin	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endosulfan I	ND		0.000082	0.000022	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endosulfan II	ND		0.000082	0.000018	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endosulfan sulfate	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endrin	ND		0.000082	0.000015	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endrin aldehyde	ND		0.000082	0.000029	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Endrin ketone	ND		0.000082	0.000011	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
gamma-BHC (Lindane)	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:32	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-01

Lab Sample ID: 720-99608-21

Date Collected: 08/20/20 12:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000082	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Heptachlor epoxide	ND		0.000082	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Methoxychlor	ND		0.00016	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
Toxaphene	ND		0.0033	0.0022	mg/Kg		08/28/20 09:21	09/03/20 22:32	1
trans-Chlordane	ND		0.000082	0.000019	mg/Kg		08/28/20 09:21	09/03/20 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	57		20 - 137	08/28/20 09:21	09/03/20 22:32	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.17	J	0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Arsenic	1.6		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Barium	150		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Beryllium	0.46		0.098	0.0098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Cadmium	0.095	J	0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Chromium	70		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Cobalt	12		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Copper	23		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Lead	4.6		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Molybdenum	0.16	J	0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Nickel	55		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Selenium	0.11	J	0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Silver	0.052	J	0.098	0.029	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Thallium	0.087	J	0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Vanadium	60		0.98	0.29	mg/Kg		08/24/20 07:00	08/25/20 18:38	1
Zinc	34		0.98	0.59	mg/Kg		08/24/20 07:00	08/25/20 18:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.043	0.0092	mg/Kg		08/27/20 08:20	08/27/20 14:32	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-2

Lab Sample ID: 720-99608-22

Date Collected: 08/20/20 12:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.10	0.070	mg/Kg			08/26/20 22:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		79 - 120					08/26/20 22:05	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
1,1,1-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
1,1,2-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,1-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 22:05	1
1,1-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
1,2,3-Trichloropropane	ND		0.010	0.0010	mg/Kg			08/26/20 22:05	1
1,2,4-Trichlorobenzene	ND		0.0050	0.0010	mg/Kg			08/26/20 22:05	1
1,2,4-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 22:05	1
1,2-Dibromoethane (EDB)	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,2-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,2-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,2-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,3,5-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
1,3-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,3-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
1,4-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
2,2-Dichloropropane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
2-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
4-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Benzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Bromobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Bromochloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Bromodichloromethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Bromoform	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Bromomethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 22:05	1
Chlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Chloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Chloroform	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Chloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
cis-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
cis-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Dibromomethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Dichlorodifluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Ethylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Hexachlorobutadiene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Isopropylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Methylene Chloride	ND		0.010	0.0050	mg/Kg			08/26/20 22:05	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-2

Lab Sample ID: 720-99608-22

Date Collected: 08/20/20 12:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Naphthalene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
n-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
N-Propylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
o-Xylene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
p-Isopropyltoluene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
sec-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Styrene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
tert-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Tetrachloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Toluene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
trans-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
trans-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Trichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:05	1
Trichlorofluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Vinyl chloride	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.0010	mg/Kg			08/26/20 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/26/20 22:05	1
4-Bromofluorobenzene (Surr)	90		79 - 120		08/26/20 22:05	1
Dibromofluoromethane (Surr)	103		60 - 120		08/26/20 22:05	1
Toluene-d8 (Surr)	96		79 - 123		08/26/20 22:05	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		0.97	0.48	mg/Kg		09/01/20 14:02	09/04/20 22:30	1
Motor Oil Range Organics [C28-C40]	4.2	J	4.8	3.7	mg/Kg		09/01/20 14:02	09/04/20 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	55	X	63 - 141	09/01/20 14:02	09/04/20 22:30	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00010		0.000081	0.000035	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
4,4'-DDE	0.00053		0.000081	0.000017	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
4,4'-DDT	0.00015		0.000081	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Aldrin	ND		0.000081	0.000025	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
alpha-BHC	ND		0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
beta-BHC	ND		0.000081	0.000022	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
cis-Chlordane	ND		0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
delta-BHC	ND		0.000081	0.000026	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Dieldrin	ND		0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endosulfan I	ND		0.000081	0.000022	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endosulfan II	ND		0.000081	0.000018	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endosulfan sulfate	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endrin	ND		0.000081	0.000015	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endrin aldehyde	ND		0.000081	0.000029	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Endrin ketone	ND		0.000081	0.000011	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
gamma-BHC (Lindane)	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:48	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-2

Lab Sample ID: 720-99608-22

Date Collected: 08/20/20 12:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000081	0.000025	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Heptachlor epoxide	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Methoxychlor	ND		0.00016	0.000032	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
Toxaphene	ND		0.0032	0.0022	mg/Kg		08/28/20 09:21	09/03/20 22:48	1
trans-Chlordane	ND		0.000081	0.000019	mg/Kg		08/28/20 09:21	09/03/20 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		20 - 137	08/28/20 09:21	09/03/20 22:48	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.16	J	0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Arsenic	2.8		0.21	0.16	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Barium	150		0.21	0.15	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Beryllium	0.73		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Cadmium	0.13		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Chromium	75		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Cobalt	14		0.10	0.063	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Copper	31		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Lead	8.4		0.10	0.063	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Molybdenum	0.27		0.21	0.021	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Nickel	66		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Selenium	0.25		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Silver	0.098	J	0.10	0.031	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Thallium	0.13		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Vanadium	65		1.0	0.31	mg/Kg		08/24/20 07:00	08/25/20 18:41	1
Zinc	53		1.0	0.63	mg/Kg		08/24/20 07:00	08/25/20 18:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.039	0.0083	mg/Kg		08/27/20 08:20	08/27/20 14:34	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-01

Lab Sample ID: 720-99608-26

Date Collected: 08/20/20 13:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.10	0.070	mg/Kg			08/26/20 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		79 - 120					08/26/20 22:33	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
1,1,1-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
1,1,2-Trichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,1-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 22:33	1
1,1-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
1,2,3-Trichloropropane	ND		0.010	0.0010	mg/Kg			08/26/20 22:33	1
1,2,4-Trichlorobenzene	ND		0.0050	0.0010	mg/Kg			08/26/20 22:33	1
1,2,4-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 22:33	1
1,2-Dibromoethane (EDB)	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,2-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,2-Dichloroethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,2-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,3,5-Trimethylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
1,3-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,3-Dichloropropane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
1,4-Dichlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
2,2-Dichloropropane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
2-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
4-Chlorotoluene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Benzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Bromobenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Bromochloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Bromodichloromethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Bromoform	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Bromomethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 22:33	1
Chlorobenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Chloroethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Chloroform	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Chloromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
cis-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
cis-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Dibromomethane	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Dichlorodifluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Ethylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Hexachlorobutadiene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Isopropylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Methylene Chloride	ND		0.010	0.0050	mg/Kg			08/26/20 22:33	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-01

Lab Sample ID: 720-99608-26

Date Collected: 08/20/20 13:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Naphthalene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
n-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
N-Propylbenzene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
o-Xylene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
p-Isopropyltoluene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
sec-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Styrene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
tert-Butylbenzene	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Tetrachloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Toluene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
trans-1,2-Dichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
trans-1,3-Dichloropropene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Trichloroethene	ND		0.0010	0.00050	mg/Kg			08/26/20 22:33	1
Trichlorofluoromethane	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Vinyl chloride	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.0010	mg/Kg			08/26/20 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/26/20 22:33	1
4-Bromofluorobenzene (Surr)	90		79 - 120		08/26/20 22:33	1
Dibromofluoromethane (Surr)	99		60 - 120		08/26/20 22:33	1
Toluene-d8 (Surr)	99		79 - 123		08/26/20 22:33	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	260	J	330	160	mg/Kg		09/01/20 14:02	09/04/20 22:58	100
Motor Oil Range Organics [C28-C40]	5900		1600	1200	mg/Kg		09/01/20 14:02	09/04/20 22:58	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	70		63 - 141	09/01/20 14:02	09/04/20 22:58	100

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0079	0.0034	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
4,4'-DDE	ND		0.0079	0.0016	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
4,4'-DDT	ND		0.0079	0.0031	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Aldrin	ND		0.0079	0.0025	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
alpha-BHC	ND		0.0079	0.0019	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
beta-BHC	ND		0.0079	0.0022	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
cis-Chlordane	ND		0.0079	0.0020	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
delta-BHC	ND		0.0079	0.0025	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Dieldrin	ND		0.0079	0.0020	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endosulfan I	ND		0.0079	0.0021	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endosulfan II	ND		0.0079	0.0018	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endosulfan sulfate	ND		0.0079	0.0021	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endrin	ND		0.0079	0.0015	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endrin aldehyde	ND		0.0079	0.0028	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Endrin ketone	ND		0.0079	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
gamma-BHC (Lindane)	ND		0.0079	0.0020	mg/Kg		08/28/20 09:21	09/03/20 23:03	100

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-01

Date Collected: 08/20/20 13:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-26

Matrix: Solid

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0079	0.0025	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Heptachlor epoxide	ND		0.0079	0.0020	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Methoxychlor	ND		0.016	0.0031	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
Toxaphene	ND		0.32	0.21	mg/Kg		08/28/20 09:21	09/03/20 23:03	100
trans-Chlordane	ND		0.0079	0.0018	mg/Kg		08/28/20 09:21	09/03/20 23:03	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		20 - 137	08/28/20 09:21	09/03/20 23:03	100

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.21		0.18	0.090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Arsenic	1.8		0.18	0.14	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Barium	1100		0.18	0.13	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Beryllium	0.16		0.090	0.0090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Cadmium	0.19		0.090	0.045	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Chromium	34		0.18	0.090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Cobalt	10		0.090	0.054	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Copper	48		0.18	0.090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Lead	2.6		0.090	0.054	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Molybdenum	0.54		0.18	0.018	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Nickel	41		0.18	0.090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Selenium	0.31		0.18	0.090	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Silver	ND		0.090	0.027	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Thallium	0.056	J	0.090	0.045	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Vanadium	31		0.90	0.27	mg/Kg		08/24/20 07:00	08/25/20 18:57	1
Zinc	24		0.90	0.54	mg/Kg		08/24/20 07:00	08/25/20 18:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.085		0.043	0.0092	mg/Kg		08/27/20 08:20	08/27/20 14:37	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-2

Lab Sample ID: 720-99608-27

Date Collected: 08/20/20 13:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.098	0.069	mg/Kg			08/26/20 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		79 - 120					08/26/20 23:01	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
1,1,1-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
1,1,2-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,1-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,1-Dichloroethene	ND		0.0020	0.00049	mg/Kg			08/26/20 23:01	1
1,1-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
1,2,3-Trichloropropane	ND		0.0098	0.00098	mg/Kg			08/26/20 23:01	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00098	mg/Kg			08/26/20 23:01	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0020	mg/Kg			08/26/20 23:01	1
1,2-Dibromoethane (EDB)	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,2-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,2-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,2-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
1,3-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,3-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
1,4-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
2,2-Dichloropropane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
2-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
4-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Benzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Bromobenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Bromochloromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Bromodichloromethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Bromoform	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Bromomethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Carbon tetrachloride	ND		0.0020	0.00049	mg/Kg			08/26/20 23:01	1
Chlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Chloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Chloroform	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Chloromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
cis-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
cis-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Dibromomethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Dichlorodifluoromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Ethylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Hexachlorobutadiene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Isopropylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Methylene Chloride	ND		0.0098	0.0049	mg/Kg			08/26/20 23:01	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-2

Lab Sample ID: 720-99608-27

Date Collected: 08/20/20 13:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Naphthalene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
n-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
N-Propylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
o-Xylene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
p-Isopropyltoluene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
sec-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Styrene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
tert-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Tetrachloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Toluene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
trans-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
trans-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Trichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:01	1
Trichlorofluoromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Vinyl chloride	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00098	mg/Kg			08/26/20 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		08/26/20 23:01	1
4-Bromofluorobenzene (Surr)	91		79 - 120		08/26/20 23:01	1
Dibromofluoromethane (Surr)	102		60 - 120		08/26/20 23:01	1
Toluene-d8 (Surr)	98		79 - 123		08/26/20 23:01	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.9	J	2.0	0.99	mg/Kg		09/01/20 14:02	09/04/20 23:27	2
Motor Oil Range Organics [C28-C40]	32		9.9	7.4	mg/Kg		09/01/20 14:02	09/04/20 23:27	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	42	X	63 - 141	09/01/20 14:02	09/04/20 23:27	2

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000081	0.000035	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
4,4'-DDE	0.000019	J	0.000081	0.000016	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
4,4'-DDT	ND		0.000081	0.000032	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Aldrin	ND		0.000081	0.000025	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
alpha-BHC	ND		0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
beta-BHC	ND		0.000081	0.000022	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
cis-Chlordane	ND		0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
delta-BHC	ND		0.000081	0.000026	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Dieldrin	0.000031	J	0.000081	0.000020	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endosulfan I	ND		0.000081	0.000022	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endosulfan II	ND		0.000081	0.000018	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endosulfan sulfate	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endrin	ND		0.000081	0.000015	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endrin aldehyde	ND		0.000081	0.000029	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Endrin ketone	ND		0.000081	0.000011	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
gamma-BHC (Lindane)	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 23:18	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP4-2

Lab Sample ID: 720-99608-27

Date Collected: 08/20/20 13:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000081	0.000025	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Heptachlor epoxide	ND		0.000081	0.000021	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Methoxychlor	ND		0.00016	0.000031	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
Toxaphene	ND		0.0032	0.0022	mg/Kg		08/28/20 09:21	09/03/20 23:18	1
trans-Chlordane	ND		0.000081	0.000019	mg/Kg		08/28/20 09:21	09/03/20 23:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		20 - 137	08/28/20 09:21	09/03/20 23:18	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.22		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Arsenic	2.1		0.21	0.15	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Barium	240		0.21	0.14	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Beryllium	0.72		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Cadmium	0.13		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Chromium	68		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Cobalt	12		0.10	0.062	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Copper	33		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Lead	8.8		0.10	0.062	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Molybdenum	0.65		0.21	0.021	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Nickel	60		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Selenium	0.34		0.21	0.10	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Silver	0.10		0.10	0.031	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Thallium	0.15		0.10	0.052	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Vanadium	58		1.0	0.31	mg/Kg		08/24/20 07:00	08/25/20 19:00	1
Zinc	52		1.0	0.62	mg/Kg		08/24/20 07:00	08/25/20 19:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.040	0.0086	mg/Kg		08/27/20 08:20	08/27/20 14:39	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-01

Lab Sample ID: 720-99608-31

Date Collected: 08/20/20 14:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.098	0.069	mg/Kg			08/26/20 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		79 - 120					08/26/20 23:57	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
1,1,1-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
1,1,2-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,1-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,1-Dichloroethene	ND		0.0020	0.00049	mg/Kg			08/26/20 23:57	1
1,1-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
1,2,3-Trichloropropane	ND		0.0098	0.00098	mg/Kg			08/26/20 23:57	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00098	mg/Kg			08/26/20 23:57	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0020	mg/Kg			08/26/20 23:57	1
1,2-Dibromoethane (EDB)	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,2-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,2-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,2-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
1,3-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,3-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
1,4-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
2,2-Dichloropropane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
2-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
4-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Benzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Bromobenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Bromochloromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Bromodichloromethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Bromoform	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Bromomethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Carbon tetrachloride	ND		0.0020	0.00049	mg/Kg			08/26/20 23:57	1
Chlorobenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Chloroethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Chloroform	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Chloromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
cis-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
cis-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Dibromomethane	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Dichlorodifluoromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Ethylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Hexachlorobutadiene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Isopropylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Methylene Chloride	ND		0.0098	0.0049	mg/Kg			08/26/20 23:57	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-01

Lab Sample ID: 720-99608-31

Date Collected: 08/20/20 14:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Naphthalene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
n-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
N-Propylbenzene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
o-Xylene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
p-Isopropyltoluene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
sec-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Styrene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
tert-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Tetrachloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Toluene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
trans-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
trans-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Trichloroethene	ND		0.00098	0.00049	mg/Kg			08/26/20 23:57	1
Trichlorofluoromethane	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Vinyl chloride	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00098	mg/Kg			08/26/20 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		08/26/20 23:57	1
4-Bromofluorobenzene (Surr)	87		79 - 120		08/26/20 23:57	1
Dibromofluoromethane (Surr)	102		60 - 120		08/26/20 23:57	1
Toluene-d8 (Surr)	96		79 - 123		08/26/20 23:57	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	15		9.8	4.9	mg/Kg		09/01/20 14:02	09/04/20 23:56	10
Motor Oil Range Organics [C28-C40]	270		49	37	mg/Kg		09/01/20 14:02	09/04/20 23:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	73		63 - 141	09/01/20 14:02	09/04/20 23:56	10

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0041	0.0017	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
4,4'-DDE	0.0019	J	0.0041	0.00083	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
4,4'-DDT	ND		0.0041	0.0016	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Aldrin	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
alpha-BHC	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
beta-BHC	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
cis-Chlordane	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
delta-BHC	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Dieldrin	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endosulfan I	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endosulfan II	ND		0.0041	0.00090	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endosulfan sulfate	ND		0.0041	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endrin	ND		0.0041	0.00077	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endrin aldehyde	ND		0.0041	0.0015	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Endrin ketone	ND		0.0041	0.00056	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
gamma-BHC (Lindane)	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:34	50

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-01

Lab Sample ID: 720-99608-31

Date Collected: 08/20/20 14:30

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0041	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Heptachlor epoxide	ND		0.0041	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Methoxychlor	ND		0.0081	0.0016	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
Toxaphene	ND		0.16	0.11	mg/Kg		08/28/20 09:21	09/03/20 23:34	50
trans-Chlordane	ND		0.0041	0.00095	mg/Kg		08/28/20 09:21	09/03/20 23:34	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		20 - 137	08/28/20 09:21	09/03/20 23:34	50

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.36		0.18	0.091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Arsenic	1.5		0.18	0.14	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Barium	290		0.18	0.13	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Beryllium	0.22		0.091	0.0091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Cadmium	1.2		0.091	0.045	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Chromium	39		0.18	0.091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Cobalt	3.5		0.091	0.055	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Copper	27		0.18	0.091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Lead	0.99		0.091	0.055	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Molybdenum	0.41		0.18	0.018	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Nickel	17		0.18	0.091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Selenium	0.32		0.18	0.091	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Silver	0.031	J	0.091	0.027	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Thallium	0.078	J	0.091	0.045	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Vanadium	83		0.91	0.27	mg/Kg		08/24/20 07:00	08/25/20 19:03	1
Zinc	24		0.91	0.55	mg/Kg		08/24/20 07:00	08/25/20 19:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.039	0.0085	mg/Kg		08/27/20 08:20	08/27/20 14:42	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-2

Lab Sample ID: 720-99608-32

Date Collected: 08/20/20 14:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.097	0.068	mg/Kg			08/27/20 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		79 - 120					08/27/20 00:25	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
1,1,1-Trichloroethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
1,1,2-Trichloroethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,1-Dichloroethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,1-Dichloroethene	ND		0.0019	0.00048	mg/Kg			08/27/20 00:25	1
1,1-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
1,2,3-Trichloropropane	ND		0.0097	0.00097	mg/Kg			08/27/20 00:25	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00097	mg/Kg			08/27/20 00:25	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
1,2-Dibromo-3-Chloropropane	ND		0.0048	0.0019	mg/Kg			08/27/20 00:25	1
1,2-Dibromoethane (EDB)	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,2-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,2-Dichloroethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,2-Dichloropropane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
1,3-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,3-Dichloropropane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
1,4-Dichlorobenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
2,2-Dichloropropane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
2-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
4-Chlorotoluene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Benzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Bromobenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Bromochloromethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Bromodichloromethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Bromoform	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Bromomethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Carbon tetrachloride	ND		0.0019	0.00048	mg/Kg			08/27/20 00:25	1
Chlorobenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Chloroethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Chloroform	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Chloromethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
cis-1,2-Dichloroethene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
cis-1,3-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Dibromomethane	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Dichlorodifluoromethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Ethylbenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Hexachlorobutadiene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Isopropylbenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Methylene Chloride	ND		0.0097	0.0048	mg/Kg			08/27/20 00:25	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-2

Lab Sample ID: 720-99608-32

Date Collected: 08/20/20 14:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Naphthalene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
n-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
N-Propylbenzene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
o-Xylene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
p-Isopropyltoluene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
sec-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Styrene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
tert-Butylbenzene	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Tetrachloroethene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Toluene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
trans-1,2-Dichloroethene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
trans-1,3-Dichloropropene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Trichloroethene	ND		0.00097	0.00048	mg/Kg			08/27/20 00:25	1
Trichlorofluoromethane	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Vinyl chloride	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00097	mg/Kg			08/27/20 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		08/27/20 00:25	1
4-Bromofluorobenzene (Surr)	90		79 - 120		08/27/20 00:25	1
Dibromofluoromethane (Surr)	102		60 - 120		08/27/20 00:25	1
Toluene-d8 (Surr)	98		79 - 123		08/27/20 00:25	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	69		49	25	mg/Kg		09/01/20 14:02	09/05/20 00:24	50
Motor Oil Range Organics [C28-C40]	1200		250	190	mg/Kg		09/01/20 14:02	09/05/20 00:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	62	X	63 - 141	09/01/20 14:02	09/05/20 00:24	50

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0042	0.0018	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
4,4'-DDE	0.0024	J	0.0042	0.00085	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
4,4'-DDT	ND		0.0042	0.0016	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Aldrin	ND		0.0042	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
alpha-BHC	ND		0.0042	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
beta-BHC	ND		0.0042	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
cis-Chlordane	ND		0.0042	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
delta-BHC	ND		0.0042	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Dieldrin	ND		0.0042	0.0010	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endosulfan I	ND		0.0042	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endosulfan II	ND		0.0042	0.00092	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endosulfan sulfate	ND		0.0042	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endrin	ND		0.0042	0.00078	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endrin aldehyde	ND		0.0042	0.0015	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Endrin ketone	ND		0.0042	0.00057	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
gamma-BHC (Lindane)	ND		0.0042	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:50	50

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-2

Lab Sample ID: 720-99608-32

Date Collected: 08/20/20 14:31

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0042	0.0013	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Heptachlor epoxide	ND		0.0042	0.0011	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Methoxychlor	ND		0.0083	0.0016	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
Toxaphene	ND		0.17	0.11	mg/Kg		08/28/20 09:21	09/03/20 23:50	50
trans-Chlordane	ND		0.0042	0.00097	mg/Kg		08/28/20 09:21	09/03/20 23:50	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		20 - 137	08/28/20 09:21	09/03/20 23:50	50

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Arsenic	2.0		0.19	0.14	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Barium	390		0.19	0.13	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Beryllium	0.21		0.096	0.0096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Cadmium	0.37		0.096	0.048	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Chromium	27		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Cobalt	14		0.096	0.058	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Copper	51		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Lead	3.3		0.096	0.058	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Molybdenum	1.3		0.19	0.019	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Nickel	56		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Selenium	0.36		0.19	0.096	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Silver	ND		0.096	0.029	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Thallium	0.19		0.096	0.048	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Vanadium	30		0.96	0.29	mg/Kg		08/24/20 07:00	08/25/20 19:19	1
Zinc	56		0.96	0.58	mg/Kg		08/24/20 07:00	08/25/20 19:19	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.040	0.0086	mg/Kg		08/27/20 08:20	08/27/20 14:44	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Date Collected: 08/20/20 15:10

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.098	0.069	mg/Kg			08/27/20 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		79 - 120					08/27/20 00:53	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
1,1,1-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
1,1,2-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,1-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,1-Dichloroethene	ND		0.0020	0.00049	mg/Kg			08/27/20 00:53	1
1,1-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
1,2,3-Trichloropropane	ND		0.0098	0.00098	mg/Kg			08/27/20 00:53	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00098	mg/Kg			08/27/20 00:53	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0020	mg/Kg			08/27/20 00:53	1
1,2-Dibromoethane (EDB)	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,2-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,2-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,2-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
1,3-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,3-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
1,4-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
2,2-Dichloropropane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
2-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
4-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Benzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Bromobenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Bromochloromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Bromodichloromethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Bromoform	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Bromomethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Carbon tetrachloride	ND		0.0020	0.00049	mg/Kg			08/27/20 00:53	1
Chlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Chloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Chloroform	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Chloromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
cis-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
cis-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Dibromomethane	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Dichlorodifluoromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Ethylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Hexachlorobutadiene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Isopropylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Methylene Chloride	ND		0.0098	0.0049	mg/Kg			08/27/20 00:53	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Date Collected: 08/20/20 15:10

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Naphthalene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
n-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
N-Propylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
o-Xylene	0.00055	J	0.00098	0.00049	mg/Kg			08/27/20 00:53	1
p-Isopropyltoluene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
sec-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Styrene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
tert-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Tetrachloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Toluene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
trans-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
trans-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Trichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 00:53	1
Trichlorofluoromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Vinyl chloride	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00098	mg/Kg			08/27/20 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		08/27/20 00:53	1
4-Bromofluorobenzene (Surr)	88		79 - 120		08/27/20 00:53	1
Dibromofluoromethane (Surr)	96		60 - 120		08/27/20 00:53	1
Toluene-d8 (Surr)	96		79 - 123		08/27/20 00:53	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3.8		2.0	1.0	mg/Kg		09/01/20 14:02	09/05/20 00:53	2
Motor Oil Range Organics [C28-C40]	45		10	7.5	mg/Kg		09/01/20 14:02	09/05/20 00:53	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	55	X	63 - 141	09/01/20 14:02	09/05/20 00:53	2

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.011		0.0016	0.00070	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
4,4'-DDE	0.25		0.0016	0.00034	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
4,4'-DDT	0.038		0.0016	0.00065	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Aldrin	ND		0.0016	0.00051	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
alpha-BHC	ND		0.0016	0.00040	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
beta-BHC	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
cis-Chlordane	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
delta-BHC	ND		0.0016	0.00052	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Dieldrin	ND		0.0016	0.00041	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endosulfan I	ND		0.0016	0.00045	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endosulfan II	ND		0.0016	0.00036	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endosulfan sulfate	ND		0.0016	0.00043	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endrin	ND		0.0016	0.00031	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endrin aldehyde	ND		0.0016	0.00059	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Endrin ketone	ND		0.0016	0.00023	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
gamma-BHC (Lindane)	ND		0.0016	0.00042	mg/Kg		08/28/20 09:21	09/04/20 11:14	20

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Date Collected: 08/20/20 15:10

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.0016	0.00051	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Heptachlor epoxide	ND		0.0016	0.00042	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Methoxychlor	ND		0.0033	0.00064	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
Toxaphene	ND		0.066	0.045	mg/Kg		08/28/20 09:21	09/04/20 11:14	20
trans-Chlordane	ND		0.0016	0.00038	mg/Kg		08/28/20 09:21	09/04/20 11:14	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		20 - 137	08/28/20 09:21	09/04/20 11:14	20

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.37		0.20	0.099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Arsenic	17		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Barium	170		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Beryllium	0.43		0.099	0.0099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Cadmium	0.30		0.099	0.050	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Chromium	49		0.20	0.099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Cobalt	9.3		0.099	0.059	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Copper	26		0.20	0.099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Lead	60		0.099	0.059	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Molybdenum	0.80		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Nickel	47		0.20	0.099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Selenium	1.0		0.20	0.099	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Silver	0.080	J	0.099	0.030	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Thallium	0.20		0.099	0.050	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Vanadium	42		0.99	0.30	mg/Kg		08/24/20 07:00	08/25/20 19:22	1
Zinc	55		0.99	0.59	mg/Kg		08/24/20 07:00	08/25/20 19:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073		0.039	0.0083	mg/Kg		08/27/20 08:20	08/27/20 14:47	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-2

Lab Sample ID: 720-99608-37

Date Collected: 08/20/20 15:11

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.098	0.068	mg/Kg			08/27/20 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		79 - 120					08/27/20 21:32	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
1,1,1-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
1,1,2-Trichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,1-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,1-Dichloroethene	ND		0.0020	0.00049	mg/Kg			08/27/20 21:32	1
1,1-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
1,2,3-Trichloropropane	ND		0.0098	0.00098	mg/Kg			08/27/20 21:32	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00098	mg/Kg			08/27/20 21:32	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
1,2-Dibromo-3-Chloropropane	ND		0.0049	0.0020	mg/Kg			08/27/20 21:32	1
1,2-Dibromoethane (EDB)	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,2-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,2-Dichloroethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,2-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
1,3-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,3-Dichloropropane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
1,4-Dichlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
2,2-Dichloropropane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
2-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
4-Chlorotoluene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Benzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Bromobenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Bromochloromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Bromodichloromethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Bromoform	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Bromomethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Carbon tetrachloride	ND		0.0020	0.00049	mg/Kg			08/27/20 21:32	1
Chlorobenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Chloroethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Chloroform	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Chloromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
cis-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
cis-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Dibromomethane	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Dichlorodifluoromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Ethylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Hexachlorobutadiene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Isopropylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Methylene Chloride	ND		0.0098	0.0049	mg/Kg			08/27/20 21:32	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-2

Lab Sample ID: 720-99608-37

Date Collected: 08/20/20 15:11

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Naphthalene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
n-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
N-Propylbenzene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
o-Xylene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
p-Isopropyltoluene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
sec-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Styrene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
tert-Butylbenzene	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Tetrachloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Toluene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
trans-1,2-Dichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
trans-1,3-Dichloropropene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Trichloroethene	ND		0.00098	0.00049	mg/Kg			08/27/20 21:32	1
Trichlorofluoromethane	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Vinyl chloride	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00098	mg/Kg			08/27/20 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/27/20 21:32	1
4-Bromofluorobenzene (Surr)	88		79 - 120		08/27/20 21:32	1
Dibromofluoromethane (Surr)	104		60 - 120		08/27/20 21:32	1
Toluene-d8 (Surr)	99		79 - 123		08/27/20 21:32	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.92	J	1.0	0.50	mg/Kg		09/01/20 14:02	09/05/20 01:21	1
Motor Oil Range Organics [C28-C40]	5.8		5.0	3.8	mg/Kg		09/01/20 14:02	09/05/20 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	50	X	63 - 141	09/01/20 14:02	09/05/20 01:21	1

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0045		0.00081	0.00035	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
4,4'-DDE	0.061		0.00081	0.00016	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
4,4'-DDT	0.0087		0.00081	0.00032	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Aldrin	ND		0.00081	0.00025	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
alpha-BHC	ND		0.00081	0.00020	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
beta-BHC	ND		0.00081	0.00022	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
cis-Chlordane	ND		0.00081	0.00020	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
delta-BHC	ND		0.00081	0.00026	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Dieldrin	ND		0.00081	0.00020	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endosulfan I	ND		0.00081	0.00022	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endosulfan II	ND		0.00081	0.00018	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endosulfan sulfate	ND		0.00081	0.00021	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endrin	ND		0.00081	0.00015	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endrin aldehyde	ND		0.00081	0.00029	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Endrin ketone	ND		0.00081	0.00011	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
gamma-BHC (Lindane)	ND		0.00081	0.00021	mg/Kg		08/28/20 09:21	09/04/20 11:30	10

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-2

Lab Sample ID: 720-99608-37

Date Collected: 08/20/20 15:11

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.00081	0.00025	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Heptachlor epoxide	ND		0.00081	0.00021	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Methoxychlor	ND		0.0016	0.00031	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
Toxaphene	ND		0.032	0.022	mg/Kg		08/28/20 09:21	09/04/20 11:30	10
trans-Chlordane	ND		0.00081	0.00019	mg/Kg		08/28/20 09:21	09/04/20 11:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		20 - 137	08/28/20 09:21	09/04/20 11:30	10

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.16	J	0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Arsenic	6.7		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Barium	130		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Beryllium	0.43		0.098	0.0098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Cadmium	0.16		0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Chromium	34		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Cobalt	8.4		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Copper	21		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Lead	13		0.098	0.059	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Molybdenum	0.54		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Nickel	38		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Selenium	0.24		0.20	0.098	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Silver	0.060	J	0.098	0.029	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Thallium	0.069	J	0.098	0.049	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Vanadium	33		0.98	0.29	mg/Kg		08/24/20 07:00	08/25/20 19:25	1
Zinc	45		0.98	0.59	mg/Kg		08/24/20 07:00	08/25/20 19:25	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.066		0.038	0.0081	mg/Kg		08/27/20 08:20	08/27/20 14:56	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Date Collected: 08/20/20 08:46

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.099	0.069	mg/Kg			08/27/20 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		79 - 120					08/27/20 22:00	1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
1,1,1-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
1,1,2-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,1-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/27/20 22:00	1
1,1-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
1,2,3-Trichloropropane	ND		0.0099	0.00099	mg/Kg			08/27/20 22:00	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00099	mg/Kg			08/27/20 22:00	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/27/20 22:00	1
1,2-Dibromoethane (EDB)	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,2-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,2-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,2-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
1,3-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,3-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
1,4-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
2,2-Dichloropropane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
2-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
4-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Benzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Bromobenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Bromochloromethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Bromodichloromethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Bromoform	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Bromomethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/27/20 22:00	1
Chlorobenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Chloroethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Chloroform	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Chloromethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
cis-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
cis-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Dibromomethane	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Dichlorodifluoromethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Ethylbenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Hexachlorobutadiene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Isopropylbenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Methylene Chloride	ND		0.0099	0.0050	mg/Kg			08/27/20 22:00	1

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Date Collected: 08/20/20 08:46

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Naphthalene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
n-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
N-Propylbenzene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
o-Xylene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
p-Isopropyltoluene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
sec-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Styrene	0.0030		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
tert-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Tetrachloroethene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Toluene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
trans-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
trans-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Trichloroethene	ND		0.00099	0.00050	mg/Kg			08/27/20 22:00	1
Trichlorofluoromethane	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Vinyl chloride	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00099	mg/Kg			08/27/20 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		08/27/20 22:00	1
4-Bromofluorobenzene (Surr)	94		79 - 120		08/27/20 22:00	1
Dibromofluoromethane (Surr)	103		60 - 120		08/27/20 22:00	1
Toluene-d8 (Surr)	98		79 - 123		08/27/20 22:00	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	67		2.0	0.99	mg/Kg		09/01/20 14:02	09/05/20 01:50	2
Motor Oil Range Organics [C28-C40]	59		9.9	7.5	mg/Kg		09/01/20 14:02	09/05/20 01:50	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	67		63 - 141	09/01/20 14:02	09/05/20 01:50	2

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.021		0.0017	0.00071	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
4,4'-DDT	0.10		0.0017	0.00065	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Aldrin	ND		0.0017	0.00051	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
alpha-BHC	ND		0.0017	0.00041	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
beta-BHC	ND		0.0017	0.00046	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
cis-Chlordane	ND		0.0017	0.00042	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
delta-BHC	ND		0.0017	0.00052	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Dieldrin	ND		0.0017	0.00042	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endosulfan I	ND		0.0017	0.00045	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endosulfan II	ND		0.0017	0.00037	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endosulfan sulfate	ND		0.0017	0.00043	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endrin	ND		0.0017	0.00031	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endrin aldehyde	ND		0.0017	0.00059	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Endrin ketone	ND		0.0017	0.00023	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
gamma-BHC (Lindane)	ND		0.0017	0.00043	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Heptachlor	ND		0.0017	0.00052	mg/Kg		08/28/20 09:21	09/04/20 11:45	20

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Date Collected: 08/20/20 08:46

Matrix: Solid

Date Received: 08/21/20 12:15

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.0017	0.00042	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Methoxychlor	ND		0.0033	0.00065	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
Toxaphene	ND		0.066	0.045	mg/Kg		08/28/20 09:21	09/04/20 11:45	20
trans-Chlordane	ND		0.0017	0.00039	mg/Kg		08/28/20 09:21	09/04/20 11:45	20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		20 - 137				08/28/20 09:21	09/04/20 11:45	20

Method: EPA 8081A LL - Organochlorine Pesticides (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.34		0.0033	0.00068	mg/Kg		08/28/20 09:21	09/04/20 19:30	40

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.26		0.20	0.098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Arsenic	32		0.20	0.15	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Barium	220		0.20	0.14	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Beryllium	0.74		0.098	0.0098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Cadmium	0.24		0.098	0.049	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Chromium	66		0.20	0.098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Cobalt	13		0.098	0.059	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Copper	43		0.20	0.098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Lead	110		0.098	0.059	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Molybdenum	0.76		0.20	0.020	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Nickel	67		0.20	0.098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Selenium	0.44		0.20	0.098	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Silver	0.097	J	0.098	0.029	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Thallium	0.15		0.098	0.049	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Vanadium	62		0.98	0.29	mg/Kg		08/26/20 06:10	08/26/20 16:22	1
Zinc	62		0.98	0.59	mg/Kg		08/26/20 06:10	08/26/20 16:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.038	0.0081	mg/Kg		08/27/20 08:20	08/27/20 14:58	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (79-120)	DBFM (60-120)	TOL (79-123)
720-99608-1	HA6-01	92	89	100	98
720-99608-6	SP2-01	91	89	101	98
720-99608-7	SP2-2	93	89	100	95
720-99608-12	HA7-2	95	89	102	98
720-99608-13	HA7-3	93	88	101	96
720-99608-13 - RA	HA7-3	96	86	102	97
720-99608-16	SP3-01	93	91	103	97
720-99608-17	SP3-2	93	89	104	96
720-99608-21	HA8-01	91	90	98	95
720-99608-22	HA8-2	96	90	103	96
720-99608-26	SP4-01	96	90	99	99
720-99608-27	SP4-2	97	91	102	98
720-99608-31	SP5-01	97	87	102	96
720-99608-32	SP5-2	100	90	102	98
720-99608-36	SP1-01	90	88	96	96
720-99608-37	SP1-2	96	88	104	99
720-99608-41	HA6-02	100	94	103	98
LCS 440-622211/5	Lab Control Sample	92	90	95	97
LCS 440-622288/5	Lab Control Sample	92	90	99	92
MB 440-622211/4	Method Blank	89	89	95	98
MB 440-622288/4	Method Blank	95	92	96	95

Surrogate Legend

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

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (79-120)			
720-99608-1	HA6-01	89			
720-99608-6	SP2-01	89			
720-99608-7	SP2-2	89			
720-99608-12	HA7-2	89			
720-99608-13	HA7-3	88			
720-99608-16	SP3-01	91			
720-99608-17	SP3-2	89			
720-99608-21	HA8-01	90			
720-99608-22	HA8-2	90			
720-99608-26	SP4-01	90			
720-99608-27	SP4-2	91			
720-99608-31	SP5-01	87			
720-99608-32	SP5-2	90			
720-99608-36	SP1-01	88			
720-99608-37	SP1-2	88			
720-99608-41	HA6-02	94			

Eurofins TestAmerica, Pleasanton

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (79-120)
LCS 440-622212/6	Lab Control Sample	88
LCS 440-622289/6	Lab Control Sample	89
LCSD 440-622212/7	Lab Control Sample Dup	87
LCSD 440-622289/7	Lab Control Sample Dup	90
MB 440-622212/4	Method Blank	89
MB 440-622289/4	Method Blank	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH1 (63-141)
720-99608-1	HA6-01	56 X
720-99608-6	SP2-01	59 X
720-99608-7	SP2-2	62 X
720-99608-7 MS	SP2-2	62 X
720-99608-7 MSD	SP2-2	67
720-99608-12	HA7-2	60 X
720-99608-13	HA7-3	49 X
720-99608-16	SP3-01	55 X
720-99608-17	SP3-2	56 X
720-99608-21	HA8-01	59 X
720-99608-22	HA8-2	55 X
720-99608-26	SP4-01	70
720-99608-27	SP4-2	42 X
720-99608-31	SP5-01	73
720-99608-32	SP5-2	62 X
720-99608-36	SP1-01	55 X
720-99608-37	SP1-2	50 X
720-99608-41	HA6-02	67
LCS 320-408599/2-A	Lab Control Sample	72
MB 320-408599/1-A	Method Blank	75

Surrogate Legend

OTPH = o-Terphenyl (Surr)

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (20-137)
720-99608-1	HA6-01	0 X D
720-99608-6	SP2-01	64
720-99608-16	SP3-01	66
720-99608-21	HA8-01	57
720-99608-22	HA8-2	64
720-99608-27	SP4-2	62

Eurofins TestAmerica, Pleasanton

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (20-137)
720-99608-31	SP5-01	66
720-99608-32	SP5-2	73
720-99608-41	HA6-02	73
LCS 180-327561/2-A	Lab Control Sample	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (20-137)
720-99608-7	SP2-2	77
720-99608-12	HA7-2	66
720-99608-13	HA7-3	58
720-99608-17	SP3-2	76
720-99608-26	SP4-01	94
720-99608-36	SP1-01	75
720-99608-37	SP1-2	73
MB 180-327561/1-A	Method Blank	67

Surrogate Legend

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level)

Lab Sample ID: MB 440-622211/4

Matrix: Solid

Analysis Batch: 622211

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
1,1,1-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
1,1,2-Trichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,1-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,1-Dichloroethene	ND		0.0020	0.00050	mg/Kg			08/26/20 14:35	1
1,1-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
1,2,3-Trichloropropane	ND		0.0099	0.00099	mg/Kg			08/26/20 14:35	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00099	mg/Kg			08/26/20 14:35	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
1,2-Dibromo-3-Chloropropane	ND		0.0050	0.0020	mg/Kg			08/26/20 14:35	1
1,2-Dibromoethane (EDB)	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,2-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,2-Dichloroethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,2-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
1,3-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,3-Dichloropropane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
1,4-Dichlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
2,2-Dichloropropane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
2-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
4-Chlorotoluene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Benzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Bromobenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Bromochloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Bromodichloromethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Bromoform	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Bromomethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Carbon tetrachloride	ND		0.0020	0.00050	mg/Kg			08/26/20 14:35	1
Chlorobenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Chloroethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Chloroform	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Chloromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
cis-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
cis-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Dibromomethane	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Dichlorodifluoromethane	0.00128	J	0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Ethylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Hexachlorobutadiene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Isopropylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Methylene Chloride	ND		0.0099	0.0050	mg/Kg			08/26/20 14:35	1
m-Xylene & p-Xylene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Naphthalene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
n-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
N-Propylbenzene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
o-Xylene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
p-Isopropyltoluene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Lab Sample ID: MB 440-622211/4

Matrix: Solid

Analysis Batch: 622211

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Styrene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
tert-Butylbenzene	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Tetrachloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Toluene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
trans-1,2-Dichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
trans-1,3-Dichloropropene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Trichloroethene	ND		0.00099	0.00050	mg/Kg			08/26/20 14:35	1
Trichlorofluoromethane	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Vinyl chloride	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00099	mg/Kg			08/26/20 14:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 130		08/26/20 14:35	1
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 14:35	1
Dibromofluoromethane (Surr)	95		60 - 120		08/26/20 14:35	1
Toluene-d8 (Surr)	98		79 - 123		08/26/20 14:35	1

Lab Sample ID: LCS 440-622211/5

Matrix: Solid

Analysis Batch: 622211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0197	0.0210		mg/Kg		107	70 - 130
1,1,1-Trichloroethane	0.0197	0.0180		mg/Kg		91	65 - 135
1,1,2,2-Tetrachloroethane	0.0197	0.0185		mg/Kg		94	55 - 140
1,1,2-Trichloroethane	0.0197	0.0192		mg/Kg		97	65 - 135
1,1-Dichloroethane	0.0197	0.0180		mg/Kg		91	70 - 130
1,1-Dichloroethene	0.0197	0.0180		mg/Kg		91	70 - 125
1,1-Dichloropropene	0.0197	0.0167		mg/Kg		85	70 - 130
1,2,3-Trichlorobenzene	0.0197	0.0165		mg/Kg		84	60 - 130
1,2,3-Trichloropropane	0.0197	0.0181		mg/Kg		92	60 - 135
1,2,4-Trichlorobenzene	0.0197	0.0166		mg/Kg		84	70 - 135
1,2,4-Trimethylbenzene	0.0197	0.0178		mg/Kg		91	70 - 125
1,2-Dibromo-3-Chloropropane	0.0197	0.0178		mg/Kg		91	50 - 135
1,2-Dibromoethane (EDB)	0.0197	0.0179		mg/Kg		91	70 - 130
1,2-Dichlorobenzene	0.0197	0.0187		mg/Kg		95	75 - 120
1,2-Dichloroethane	0.0197	0.0161		mg/Kg		82	60 - 140
1,2-Dichloropropane	0.0197	0.0164		mg/Kg		83	70 - 130
1,3,5-Trimethylbenzene	0.0197	0.0182		mg/Kg		92	70 - 125
1,3-Dichlorobenzene	0.0197	0.0187		mg/Kg		95	75 - 125
1,3-Dichloropropane	0.0197	0.0187		mg/Kg		95	70 - 125
1,4-Dichlorobenzene	0.0197	0.0188		mg/Kg		95	75 - 120
2,2-Dichloropropane	0.0197	0.0195		mg/Kg		99	60 - 145
2-Chlorotoluene	0.0197	0.0168		mg/Kg		85	70 - 125
4-Chlorotoluene	0.0197	0.0176		mg/Kg		90	75 - 125
Benzene	0.0197	0.0177		mg/Kg		90	65 - 120
Bromobenzene	0.0197	0.0179		mg/Kg		91	75 - 120

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Lab Sample ID: LCS 440-622211/5

Matrix: Solid

Analysis Batch: 622211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	0.0197	0.0200		mg/Kg		102	70 - 135
Bromodichloromethane	0.0197	0.0181		mg/Kg		92	70 - 135
Bromoform	0.0197	0.0196		mg/Kg		99	55 - 135
Bromomethane	0.0197	0.0176		mg/Kg		89	60 - 145
Carbon tetrachloride	0.0197	0.0185		mg/Kg		94	65 - 140
Chlorobenzene	0.0197	0.0188		mg/Kg		96	75 - 120
Chloroethane	0.0197	0.0166		mg/Kg		84	60 - 140
Chloroform	0.0197	0.0183		mg/Kg		93	70 - 130
Chloromethane	0.0197	0.0172		mg/Kg		87	45 - 145
cis-1,2-Dichloroethene	0.0197	0.0181		mg/Kg		92	70 - 125
cis-1,3-Dichloropropene	0.0197	0.0171		mg/Kg		87	75 - 125
Dibromomethane	0.0197	0.0185		mg/Kg		94	70 - 130
Dichlorodifluoromethane	0.0197	0.0186		mg/Kg		94	35 - 160
Ethylbenzene	0.0197	0.0178		mg/Kg		91	70 - 125
Hexachlorobutadiene	0.0197	0.0150		mg/Kg		76	60 - 135
Isopropylbenzene	0.0197	0.0179		mg/Kg		91	75 - 130
Methylene Chloride	0.0197	0.0158		mg/Kg		80	55 - 135
m-Xylene & p-Xylene	0.0197	0.0193		mg/Kg		98	70 - 125
Naphthalene	0.0197	0.0197		mg/Kg		100	55 - 135
n-Butylbenzene	0.0197	0.0178		mg/Kg		90	70 - 130
N-Propylbenzene	0.0197	0.0175		mg/Kg		89	70 - 130
o-Xylene	0.0197	0.0193		mg/Kg		98	70 - 125
p-Isopropyltoluene	0.0197	0.0183		mg/Kg		93	75 - 125
sec-Butylbenzene	0.0197	0.0177		mg/Kg		90	70 - 125
Styrene	0.0197	0.0186		mg/Kg		94	75 - 130
tert-Butylbenzene	0.0197	0.0186		mg/Kg		94	70 - 125
Tetrachloroethene	0.0197	0.0181		mg/Kg		92	70 - 125
Toluene	0.0197	0.0185		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0197	0.0188		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	0.0197	0.0173		mg/Kg		88	70 - 135
Trichloroethene	0.0197	0.0195		mg/Kg		99	70 - 125
Trichlorofluoromethane	0.0197	0.0176		mg/Kg		89	60 - 145
Vinyl chloride	0.0197	0.0169		mg/Kg		86	55 - 135
Methyl-t-Butyl Ether (MTBE)	0.0197	0.0165		mg/Kg		84	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	90		79 - 120
Dibromofluoromethane (Surr)	95		60 - 120
Toluene-d8 (Surr)	97		79 - 123

Lab Sample ID: MB 440-622288/4

Matrix: Solid

Analysis Batch: 622288

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
1,1,1-Trichloroethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Lab Sample ID: MB 440-622288/4

Matrix: Solid

Analysis Batch: 622288

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
1,1,2-Trichloroethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,1-Dichloroethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,1-Dichloroethene	ND		0.0019	0.00048	mg/Kg			08/27/20 12:09	1
1,1-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
1,2,3-Trichloropropane	ND		0.0096	0.00096	mg/Kg			08/27/20 12:09	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00096	mg/Kg			08/27/20 12:09	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
1,2-Dibromo-3-Chloropropane	ND		0.0048	0.0019	mg/Kg			08/27/20 12:09	1
1,2-Dibromoethane (EDB)	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,2-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,2-Dichloroethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,2-Dichloropropane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
1,3-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,3-Dichloropropane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
1,4-Dichlorobenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
2,2-Dichloropropane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
2-Chlorotoluene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
4-Chlorotoluene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Benzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Bromobenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Bromochloromethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Bromodichloromethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Bromoform	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Bromomethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Carbon tetrachloride	ND		0.0019	0.00048	mg/Kg			08/27/20 12:09	1
Chlorobenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Chloroethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Chloroform	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Chloromethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
cis-1,2-Dichloroethene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
cis-1,3-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Dibromomethane	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Dichlorodifluoromethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Ethylbenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Hexachlorobutadiene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Isopropylbenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Methylene Chloride	ND		0.0096	0.0048	mg/Kg			08/27/20 12:09	1
m-Xylene & p-Xylene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Naphthalene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
n-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
N-Propylbenzene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
o-Xylene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
p-Isopropyltoluene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
sec-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Styrene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
tert-Butylbenzene	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Lab Sample ID: MB 440-622288/4

Matrix: Solid

Analysis Batch: 622288

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Toluene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
trans-1,2-Dichloroethene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
trans-1,3-Dichloropropene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Trichloroethene	ND		0.00096	0.00048	mg/Kg			08/27/20 12:09	1
Trichlorofluoromethane	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Vinyl chloride	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00096	mg/Kg			08/27/20 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		08/27/20 12:09	1
4-Bromofluorobenzene (Surr)	92		79 - 120		08/27/20 12:09	1
Dibromofluoromethane (Surr)	96		60 - 120		08/27/20 12:09	1
Toluene-d8 (Surr)	95		79 - 123		08/27/20 12:09	1

Lab Sample ID: LCS 440-622288/5

Matrix: Solid

Analysis Batch: 622288

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0200	0.0208		mg/Kg		104	70 - 130
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	65 - 135
1,1,2,2-Tetrachloroethane	0.0200	0.0217		mg/Kg		108	55 - 140
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	65 - 135
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 130
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		94	70 - 125
1,1-Dichloropropene	0.0200	0.0182		mg/Kg		91	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	60 - 130
1,2,3-Trichloropropane	0.0200	0.0190		mg/Kg		95	60 - 135
1,2,4-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	70 - 135
1,2,4-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	70 - 125
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	50 - 135
1,2-Dibromoethane (EDB)	0.0200	0.0201		mg/Kg		101	70 - 130
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	75 - 120
1,2-Dichloroethane	0.0200	0.0185		mg/Kg		93	60 - 140
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		94	70 - 125
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	75 - 125
1,3-Dichloropropane	0.0200	0.0206		mg/Kg		103	70 - 125
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	75 - 120
2,2-Dichloropropane	0.0200	0.0201		mg/Kg		100	60 - 145
2-Chlorotoluene	0.0200	0.0183		mg/Kg		92	70 - 125
4-Chlorotoluene	0.0200	0.0188		mg/Kg		94	75 - 125
Benzene	0.0200	0.0184		mg/Kg		92	65 - 120
Bromobenzene	0.0200	0.0210		mg/Kg		105	75 - 120
Bromochloromethane	0.0200	0.0200		mg/Kg		100	70 - 135
Bromodichloromethane	0.0200	0.0194		mg/Kg		97	70 - 135
Bromoform	0.0200	0.0195		mg/Kg		98	55 - 135

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Low Level) (Continued)

Lab Sample ID: LCS 440-622288/5

Matrix: Solid

Analysis Batch: 622288

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	0.0200	0.0183		mg/Kg		92	60 - 145
Carbon tetrachloride	0.0200	0.0196		mg/Kg		98	65 - 140
Chlorobenzene	0.0200	0.0193		mg/Kg		97	75 - 120
Chloroethane	0.0200	0.0168		mg/Kg		84	60 - 140
Chloroform	0.0200	0.0195		mg/Kg		98	70 - 130
Chloromethane	0.0200	0.0162		mg/Kg		81	45 - 145
cis-1,2-Dichloroethene	0.0200	0.0184		mg/Kg		92	70 - 125
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		91	75 - 125
Dibromomethane	0.0200	0.0194		mg/Kg		97	70 - 130
Dichlorodifluoromethane	0.0200	0.0157		mg/Kg		79	35 - 160
Ethylbenzene	0.0200	0.0177		mg/Kg		89	70 - 125
Hexachlorobutadiene	0.0200	0.0151		mg/Kg		76	60 - 135
Isopropylbenzene	0.0200	0.0182		mg/Kg		91	75 - 130
Methylene Chloride	0.0200	0.0192		mg/Kg		96	55 - 135
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	70 - 125
Naphthalene	0.0200	0.0216		mg/Kg		108	55 - 135
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	70 - 130
N-Propylbenzene	0.0200	0.0180		mg/Kg		90	70 - 130
o-Xylene	0.0200	0.0199		mg/Kg		100	70 - 125
p-Isopropyltoluene	0.0200	0.0191		mg/Kg		95	75 - 125
sec-Butylbenzene	0.0200	0.0185		mg/Kg		93	70 - 125
Styrene	0.0200	0.0189		mg/Kg		95	75 - 130
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	70 - 125
Tetrachloroethene	0.0200	0.0182		mg/Kg		91	70 - 125
Toluene	0.0200	0.0186		mg/Kg		93	70 - 125
trans-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	70 - 125
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	70 - 135
Trichloroethene	0.0200	0.0193		mg/Kg		97	70 - 125
Trichlorofluoromethane	0.0200	0.0173		mg/Kg		86	60 - 145
Vinyl chloride	0.0200	0.0172		mg/Kg		86	55 - 135
Methyl-t-Butyl Ether (MTBE)	0.0200	0.0191		mg/Kg		96	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	90		79 - 120
Dibromofluoromethane (Surr)	99		60 - 120
Toluene-d8 (Surr)	92		79 - 123

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 440-622212/4

Matrix: Solid

Analysis Batch: 622212

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.099	0.069	mg/Kg			08/26/20 14:35	1

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

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

Lab Sample ID: MB 440-622212/4

Matrix: Solid

Analysis Batch: 622212

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	89		79 - 120		08/26/20 14:35	1			

Lab Sample ID: LCS 440-622212/6

Matrix: Solid

Analysis Batch: 622212

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C4-C12			0.988	0.866		mg/Kg		88	60 - 135		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	88		79 - 120								

Lab Sample ID: LCSD 440-622212/7

Matrix: Solid

Analysis Batch: 622212

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			0.990	0.879		mg/Kg		89	60 - 135	1	20
Surrogate	LCSD	LCSD									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	87		79 - 120								

Lab Sample ID: MB 440-622289/4

Matrix: Solid

Analysis Batch: 622289

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.096	0.067	mg/Kg			08/27/20 12:09	1
Surrogate	MB	MB							
%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	92		79 - 120					08/27/20 12:09	1

Lab Sample ID: LCS 440-622289/6

Matrix: Solid

Analysis Batch: 622289

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C4-C12			0.984	0.824		mg/Kg		84	60 - 135		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	89		79 - 120								

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

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

Lab Sample ID: LCSD 440-622289/7

Matrix: Solid

Analysis Batch: 622289

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12	0.977	0.801		mg/Kg		82	60 - 135	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	90		79 - 120						

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 320-408599/1-A

Matrix: Solid

Analysis Batch: 409833

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 408599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	0.50	mg/Kg		09/01/20 14:02	09/04/20 16:47	1
Motor Oil Range Organics [C28-C40]	ND		5.0	3.8	mg/Kg		09/01/20 14:02	09/04/20 16:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
o-Terphenyl (Surr)	75		63 - 141						
							Prepared	Analyzed	Dil Fac
							09/01/20 14:02	09/04/20 16:47	1

Lab Sample ID: LCS 320-408599/2-A

Matrix: Solid

Analysis Batch: 409833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 408599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			10.0	7.70		mg/Kg		77	67 - 113		
Surrogate			LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl (Surr)			72		63 - 141						

Lab Sample ID: 720-99608-7 MS

Matrix: Solid

Analysis Batch: 409833

Client Sample ID: SP2-2

Prep Type: Total/NA

Prep Batch: 408599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	12	F1 F2	9.83	10.3	F1	mg/Kg	-	-22	67 - 113		
Surrogate	MS %Recovery	MS Qualifier	Limits								
o-Terphenyl (Surr)	62	X	63 - 141								

Lab Sample ID: 720-99608-7 MSD

Matrix: Solid

Analysis Batch: 409833

Client Sample ID: SP2-2

Prep Type: Total/NA

Prep Batch: 408599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	12	F1 F2	9.94	22.0	F2	mg/Kg		96	67 - 113	73	30

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 720-99608-7 MSD

Matrix: Solid

Analysis Batch: 409833

Client Sample ID: SP2-2

Prep Type: Total/NA

Prep Batch: 408599

Surrogate	MSD %Recovery	MSD Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	67		63 - 141

Method: EPA 8081A LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-327561/1-A

Matrix: Solid

Analysis Batch: 328414

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 327561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000083	0.000036	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
4,4'-DDE	ND		0.000083	0.000017	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
4,4'-DDT	ND		0.000083	0.000033	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Aldrin	ND		0.000083	0.000026	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
alpha-BHC	ND		0.000083	0.000021	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
beta-BHC	ND		0.000083	0.000023	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
cis-Chlordane	ND		0.000083	0.000021	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
delta-BHC	ND		0.000083	0.000026	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Dieldrin	ND		0.000083	0.000021	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endosulfan I	ND		0.000083	0.000023	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endosulfan II	ND		0.000083	0.000018	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endosulfan sulfate	ND		0.000083	0.000022	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endrin	ND		0.000083	0.000016	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endrin aldehyde	ND		0.000083	0.000030	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Endrin ketone	ND		0.000083	0.000012	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
gamma-BHC (Lindane)	ND		0.000083	0.000022	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Heptachlor	ND		0.000083	0.000026	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Heptachlor epoxide	ND		0.000083	0.000021	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Methoxychlor	ND		0.00017	0.000033	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
Toxaphene	ND		0.0033	0.0023	mg/Kg		08/28/20 09:21	09/03/20 17:38	1
trans-Chlordane	ND		0.000083	0.000019	mg/Kg		08/28/20 09:21	09/03/20 17:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	67		20 - 137	08/28/20 09:21	09/03/20 17:38	1

Lab Sample ID: LCS 180-327561/2-A

Matrix: Solid

Analysis Batch: 328414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 327561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00167	0.00148		mg/Kg		89	20 - 131
4,4'-DDE	0.00167	0.00127		mg/Kg		76	29 - 120
4,4'-DDT	0.00167	0.00160		mg/Kg		96	25 - 124
Aldrin	0.00167	0.00105		mg/Kg		63	23 - 122
alpha-BHC	0.00167	0.00113		mg/Kg		68	27 - 117
beta-BHC	0.00167	0.00121		mg/Kg		73	24 - 118
cis-Chlordane	0.00167	0.00102		mg/Kg		61	19 - 122
delta-BHC	0.00167	0.00105		mg/Kg		63	10 - 125
Dieldrin	0.00167	0.00133		mg/Kg		80	31 - 117

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: EPA 8081A LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 180-327561/2-A

Matrix: Solid

Analysis Batch: 328414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 327561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan I	0.00167	0.00105		mg/Kg		63	23 - 125
Endosulfan II	0.00167	0.00151		mg/Kg		91	33 - 126
Endosulfan sulfate	0.00167	0.00127		mg/Kg		76	24 - 112
Endrin	0.00167	0.00142		mg/Kg		85	34 - 119
Endrin aldehyde	0.00167	0.00134		mg/Kg		80	26 - 108
Endrin ketone	0.00167	0.00150		mg/Kg		90	32 - 119
gamma-BHC (Lindane)	0.00167	0.00114		mg/Kg		68	22 - 128
Heptachlor	0.00167	0.00117		mg/Kg		70	21 - 121
Heptachlor epoxide	0.00167	0.00109		mg/Kg		65	23 - 124
Methoxychlor	0.00167	0.00183		mg/Kg		110	23 - 135
trans-Chlordane	0.00167	0.00106		mg/Kg		64	21 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	62		20 - 137

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 320-405983/1-A

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 405983

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Arsenic	ND		0.20	0.15	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Barium	ND		0.20	0.14	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Beryllium	ND		0.10	0.010	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Cadmium	ND		0.10	0.050	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Chromium	ND		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Cobalt	ND		0.10	0.060	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Copper	ND		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Lead	ND		0.10	0.060	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Molybdenum	ND		0.20	0.020	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Nickel	ND		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Selenium	ND		0.20	0.10	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Silver	ND		0.10	0.030	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Thallium	ND		0.10	0.050	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Vanadium	ND		1.0	0.30	mg/Kg		08/24/20 07:00	08/25/20 12:50	1
Zinc	ND		1.0	0.60	mg/Kg		08/24/20 07:00	08/25/20 12:50	1

Lab Sample ID: LCS 320-405983/2-A

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 405983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	19.9	19.8		mg/Kg		99	80 - 120
Arsenic	40.0	38.9		mg/Kg		97	80 - 120
Barium	40.0	40.0		mg/Kg		100	80 - 120
Beryllium	20.0	19.5		mg/Kg		98	80 - 120
Cadmium	20.0	19.7		mg/Kg		99	80 - 120

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 320-405983/2-A

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 405983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	20.0	19.3		mg/Kg		97	80 - 120
Cobalt	20.0	19.5		mg/Kg		97	80 - 120
Copper	20.0	19.7		mg/Kg		98	80 - 120
Lead	20.0	20.0		mg/Kg		100	80 - 120
Molybdenum	20.0	20.0		mg/Kg		100	80 - 120
Nickel	20.0	19.7		mg/Kg		98	80 - 120
Selenium	40.0	40.4		mg/Kg		101	80 - 120
Silver	4.98	4.98		mg/Kg		100	80 - 120
Thallium	40.0	39.7		mg/Kg		99	80 - 120
Vanadium	20.0	19.0		mg/Kg		95	80 - 120
Zinc	20.1	20.0		mg/Kg		100	80 - 120

Lab Sample ID: 720-99608-1 MS

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: HA6-01

Prep Type: Total/NA

Prep Batch: 405983

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.41	F1	19.3	11.9	F1	mg/Kg		60	80 - 120
Arsenic	23		38.8	66.6		mg/Kg		111	80 - 120
Barium	220		38.8	254	4	mg/Kg		88	80 - 120
Beryllium	0.70		19.4	17.5		mg/Kg		87	80 - 120
Cadmium	0.28		19.4	16.4		mg/Kg		83	80 - 120
Chromium	63	F1	19.4	89.0	F1	mg/Kg		134	80 - 120
Cobalt	13		19.4	32.7		mg/Kg		102	80 - 120
Copper	37	F1	19.4	61.5	F1	mg/Kg		125	80 - 120
Lead	68	F1	19.4	134	F1	mg/Kg		341	80 - 120
Molybdenum	0.75		19.4	18.9		mg/Kg		94	80 - 120
Nickel	65	F1	19.4	89.2	F1	mg/Kg		123	80 - 120
Selenium	0.54	F1	38.8	27.8	F1	mg/Kg		70	80 - 120
Silver	0.10		4.83	4.36		mg/Kg		88	80 - 120
Thallium	0.19		38.8	39.5		mg/Kg		101	80 - 120
Vanadium	63	F1	19.4	87.6	F1	mg/Kg		129	80 - 120
Zinc	72		19.5	89.5		mg/Kg		91	80 - 120

Lab Sample ID: 720-99608-1 MSD

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: HA6-01

Prep Type: Total/NA

Prep Batch: 405983

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.41	F1	19.5	10.8	F1	mg/Kg		53	80 - 120	10	20
Arsenic	23		39.2	64.7		mg/Kg		105	80 - 120	3	20
Barium	220		39.2	264	4	mg/Kg		112	80 - 120	4	20
Beryllium	0.70		19.6	17.5		mg/Kg		86	80 - 120	0	20
Cadmium	0.28		19.6	15.9		mg/Kg		80	80 - 120	3	20
Chromium	63	F1	19.6	89.1	F1	mg/Kg		133	80 - 120	0	20
Cobalt	13		19.6	30.6		mg/Kg		90	80 - 120	7	20
Copper	37	F1	19.6	55.8		mg/Kg		94	80 - 120	10	20
Lead	68	F1	19.6	126	F1	mg/Kg		296	80 - 120	6	20
Molybdenum	0.75		19.6	18.5		mg/Kg		91	80 - 120	2	20

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 720-99608-1 MSD

Matrix: Solid

Analysis Batch: 406648

Client Sample ID: HA6-01

Prep Type: Total/NA

Prep Batch: 405983

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	65	F1	19.6	86.7		mg/Kg		109	80 - 120	3	20
Selenium	0.54	F1	39.2	27.6	F1	mg/Kg		69	80 - 120	1	20
Silver	0.10		4.88	4.27		mg/Kg		85	80 - 120	2	47
Thallium	0.19		39.2	39.1		mg/Kg		99	80 - 120	1	20
Vanadium	63	F1	19.6	91.2	F1	mg/Kg		146	80 - 120	4	20
Zinc	72		19.7	87.6		mg/Kg		80	80 - 120	2	20

Lab Sample ID: MB 320-406623/1-A

Matrix: Solid

Analysis Batch: 407049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 406623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.20	0.10	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Arsenic	ND		0.20	0.15	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Barium	ND		0.20	0.14	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Beryllium	ND		0.10	0.010	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Cadmium	ND		0.10	0.050	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Chromium	ND		0.20	0.10	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Cobalt	ND		0.10	0.060	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Copper	ND		0.20	0.10	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Lead	ND		0.10	0.060	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Molybdenum	ND		0.20	0.020	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Nickel	ND		0.20	0.10	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Selenium	ND		0.20	0.10	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Silver	ND		0.10	0.030	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Thallium	ND		0.10	0.050	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Vanadium	ND		1.0	0.30	mg/Kg		08/26/20 06:10	08/26/20 12:36	1
Zinc	ND		1.0	0.60	mg/Kg		08/26/20 06:10	08/26/20 12:36	1

Lab Sample ID: LCS 320-406623/2-A

Matrix: Solid

Analysis Batch: 407049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 406623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	19.9	18.3		mg/Kg		92	80 - 120
Arsenic	40.0	36.5		mg/Kg		91	80 - 120
Barium	40.0	37.4		mg/Kg		94	80 - 120
Beryllium	20.0	18.6		mg/Kg		93	80 - 120
Cadmium	20.0	18.4		mg/Kg		92	80 - 120
Chromium	20.0	18.2		mg/Kg		91	80 - 120
Cobalt	20.0	18.5		mg/Kg		92	80 - 120
Copper	20.0	18.7		mg/Kg		93	80 - 120
Lead	20.0	18.6		mg/Kg		93	80 - 120
Molybdenum	20.0	18.9		mg/Kg		95	80 - 120
Nickel	20.0	18.6		mg/Kg		93	80 - 120
Selenium	40.0	36.9		mg/Kg		92	80 - 120
Silver	4.98	4.73		mg/Kg		95	80 - 120
Thallium	40.0	36.2		mg/Kg		90	80 - 120
Vanadium	20.0	18.4		mg/Kg		92	80 - 120

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 320-406623/2-A

Matrix: Solid

Analysis Batch: 407049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 406623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	20.1	19.5		mg/Kg		97	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 320-406530/11-A

Matrix: Solid

Analysis Batch: 407340

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 406530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040	0.0086	mg/Kg		08/27/20 08:20	08/27/20 13:52	1

Lab Sample ID: LCS 320-406530/12-A

Matrix: Solid

Analysis Batch: 407340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 406530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.164		mg/Kg		98	86 - 114

Lab Sample ID: LCSD 320-406530/13-A

Matrix: Solid

Analysis Batch: 407340

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 406530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.167	0.158		mg/Kg		95	86 - 114	4	17

Lab Sample ID: 720-99608-1 MS

Matrix: Solid

Analysis Batch: 407340

Client Sample ID: HA6-01

Prep Type: Total/NA

Prep Batch: 406530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.15	F1	0.172	0.275	F1	mg/Kg		72	86 - 114

Lab Sample ID: 720-99608-1 MSD

Matrix: Solid

Analysis Batch: 407340

Client Sample ID: HA6-01

Prep Type: Total/NA

Prep Batch: 406530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.15	F1	0.172	0.279	F1	mg/Kg		75	86 - 114	2	17

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

GC/MS VOA

Analysis Batch: 622211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	8260B	
720-99608-6	SP2-01	Total/NA	Solid	8260B	
720-99608-7	SP2-2	Total/NA	Solid	8260B	
720-99608-12	HA7-2	Total/NA	Solid	8260B	
720-99608-13	HA7-3	Total/NA	Solid	8260B	
720-99608-16	SP3-01	Total/NA	Solid	8260B	
720-99608-17	SP3-2	Total/NA	Solid	8260B	
720-99608-21	HA8-01	Total/NA	Solid	8260B	
720-99608-22	HA8-2	Total/NA	Solid	8260B	
720-99608-26	SP4-01	Total/NA	Solid	8260B	
720-99608-27	SP4-2	Total/NA	Solid	8260B	
720-99608-31	SP5-01	Total/NA	Solid	8260B	
720-99608-32	SP5-2	Total/NA	Solid	8260B	
720-99608-36	SP1-01	Total/NA	Solid	8260B	
MB 440-622211/4	Method Blank	Total/NA	Solid	8260B	
LCS 440-622211/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 622212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-6	SP2-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-7	SP2-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-12	HA7-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-13	HA7-3	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-16	SP3-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-17	SP3-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-21	HA8-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-22	HA8-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-26	SP4-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-27	SP4-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-31	SP5-01	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-32	SP5-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-36	SP1-01	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-622212/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-622212/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 440-622212/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

GC/MS VOA

Analysis Batch: 622288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-13 - RA	HA7-3	Total/NA	Solid	8260B	
720-99608-37	SP1-2	Total/NA	Solid	8260B	
720-99608-41	HA6-02	Total/NA	Solid	8260B	
MB 440-622288/4	Method Blank	Total/NA	Solid	8260B	
LCS 440-622288/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 622289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-37	SP1-2	Total/NA	Solid	8260B/CA_LUFT MS	
720-99608-41	HA6-02	Total/NA	Solid	8260B/CA_LUFT MS	
MB 440-622289/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 440-622289/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 440-622289/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 327561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	3541	
720-99608-6	SP2-01	Total/NA	Solid	3541	
720-99608-7 - DL	SP2-2	Total/NA	Solid	3541	
720-99608-7	SP2-2	Total/NA	Solid	3541	
720-99608-12	HA7-2	Total/NA	Solid	3541	
720-99608-13	HA7-3	Total/NA	Solid	3541	
720-99608-16	SP3-01	Total/NA	Solid	3541	
720-99608-17	SP3-2	Total/NA	Solid	3541	
720-99608-21	HA8-01	Total/NA	Solid	3541	
720-99608-22	HA8-2	Total/NA	Solid	3541	
720-99608-26	SP4-01	Total/NA	Solid	3541	
720-99608-27	SP4-2	Total/NA	Solid	3541	
720-99608-31	SP5-01	Total/NA	Solid	3541	
720-99608-32	SP5-2	Total/NA	Solid	3541	
720-99608-36	SP1-01	Total/NA	Solid	3541	
720-99608-37	SP1-2	Total/NA	Solid	3541	
720-99608-41 - DL	HA6-02	Total/NA	Solid	3541	
720-99608-41	HA6-02	Total/NA	Solid	3541	
MB 180-327561/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-327561/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 328414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-6	SP2-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-12	HA7-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-13	HA7-3	Total/NA	Solid	EPA 8081A LL	327561
720-99608-16	SP3-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-17	SP3-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-21	HA8-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-22	HA8-2	Total/NA	Solid	EPA 8081A LL	327561

Eurofins TestAmerica, Pleasanton

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

GC Semi VOA (Continued)

Analysis Batch: 328414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-26	SP4-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-27	SP4-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-31	SP5-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-32	SP5-2	Total/NA	Solid	EPA 8081A LL	327561
MB 180-327561/1-A	Method Blank	Total/NA	Solid	EPA 8081A LL	327561
LCS 180-327561/2-A	Lab Control Sample	Total/NA	Solid	EPA 8081A LL	327561

Analysis Batch: 328518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-7	SP2-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-7 - DL	SP2-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-36	SP1-01	Total/NA	Solid	EPA 8081A LL	327561
720-99608-37	SP1-2	Total/NA	Solid	EPA 8081A LL	327561
720-99608-41	HA6-02	Total/NA	Solid	EPA 8081A LL	327561
720-99608-41 - DL	HA6-02	Total/NA	Solid	EPA 8081A LL	327561

Prep Batch: 408599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	3550B	
720-99608-6	SP2-01	Total/NA	Solid	3550B	
720-99608-7	SP2-2	Total/NA	Solid	3550B	
720-99608-12	HA7-2	Total/NA	Solid	3550B	
720-99608-13	HA7-3	Total/NA	Solid	3550B	
720-99608-16	SP3-01	Total/NA	Solid	3550B	
720-99608-17	SP3-2	Total/NA	Solid	3550B	
720-99608-21	HA8-01	Total/NA	Solid	3550B	
720-99608-22	HA8-2	Total/NA	Solid	3550B	
720-99608-26	SP4-01	Total/NA	Solid	3550B	
720-99608-27	SP4-2	Total/NA	Solid	3550B	
720-99608-31	SP5-01	Total/NA	Solid	3550B	
720-99608-32	SP5-2	Total/NA	Solid	3550B	
720-99608-36	SP1-01	Total/NA	Solid	3550B	
720-99608-37	SP1-2	Total/NA	Solid	3550B	
720-99608-41	HA6-02	Total/NA	Solid	3550B	
MB 320-408599/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 320-408599/2-A	Lab Control Sample	Total/NA	Solid	3550B	
720-99608-7 MS	SP2-2	Total/NA	Solid	3550B	
720-99608-7 MSD	SP2-2	Total/NA	Solid	3550B	

Analysis Batch: 409833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	8015B	408599
720-99608-6	SP2-01	Total/NA	Solid	8015B	408599
720-99608-7	SP2-2	Total/NA	Solid	8015B	408599
720-99608-12	HA7-2	Total/NA	Solid	8015B	408599
720-99608-13	HA7-3	Total/NA	Solid	8015B	408599
720-99608-16	SP3-01	Total/NA	Solid	8015B	408599
720-99608-17	SP3-2	Total/NA	Solid	8015B	408599
720-99608-21	HA8-01	Total/NA	Solid	8015B	408599
720-99608-22	HA8-2	Total/NA	Solid	8015B	408599

Eurofins TestAmerica, Pleasanton

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

GC Semi VOA (Continued)

Analysis Batch: 409833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-26	SP4-01	Total/NA	Solid	8015B	408599
720-99608-27	SP4-2	Total/NA	Solid	8015B	408599
720-99608-31	SP5-01	Total/NA	Solid	8015B	408599
720-99608-32	SP5-2	Total/NA	Solid	8015B	408599
720-99608-36	SP1-01	Total/NA	Solid	8015B	408599
720-99608-37	SP1-2	Total/NA	Solid	8015B	408599
720-99608-41	HA6-02	Total/NA	Solid	8015B	408599
MB 320-408599/1-A	Method Blank	Total/NA	Solid	8015B	408599
LCS 320-408599/2-A	Lab Control Sample	Total/NA	Solid	8015B	408599
720-99608-7 MS	SP2-2	Total/NA	Solid	8015B	408599
720-99608-7 MSD	SP2-2	Total/NA	Solid	8015B	408599

Metals

Prep Batch: 405983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	3050B	
720-99608-6	SP2-01	Total/NA	Solid	3050B	
720-99608-7	SP2-2	Total/NA	Solid	3050B	
720-99608-12	HA7-2	Total/NA	Solid	3050B	
720-99608-13	HA7-3	Total/NA	Solid	3050B	
720-99608-16	SP3-01	Total/NA	Solid	3050B	
720-99608-17	SP3-2	Total/NA	Solid	3050B	
720-99608-21	HA8-01	Total/NA	Solid	3050B	
720-99608-22	HA8-2	Total/NA	Solid	3050B	
720-99608-26	SP4-01	Total/NA	Solid	3050B	
720-99608-27	SP4-2	Total/NA	Solid	3050B	
720-99608-31	SP5-01	Total/NA	Solid	3050B	
720-99608-32	SP5-2	Total/NA	Solid	3050B	
720-99608-36	SP1-01	Total/NA	Solid	3050B	
720-99608-37	SP1-2	Total/NA	Solid	3050B	
MB 320-405983/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-405983/2-A	Lab Control Sample	Total/NA	Solid	3050B	
720-99608-1 MS	HA6-01	Total/NA	Solid	3050B	
720-99608-1 MSD	HA6-01	Total/NA	Solid	3050B	

Prep Batch: 406530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	7471A	
720-99608-6	SP2-01	Total/NA	Solid	7471A	
720-99608-7	SP2-2	Total/NA	Solid	7471A	
720-99608-12	HA7-2	Total/NA	Solid	7471A	
720-99608-13	HA7-3	Total/NA	Solid	7471A	
720-99608-16	SP3-01	Total/NA	Solid	7471A	
720-99608-17	SP3-2	Total/NA	Solid	7471A	
720-99608-21	HA8-01	Total/NA	Solid	7471A	
720-99608-22	HA8-2	Total/NA	Solid	7471A	
720-99608-26	SP4-01	Total/NA	Solid	7471A	
720-99608-27	SP4-2	Total/NA	Solid	7471A	
720-99608-31	SP5-01	Total/NA	Solid	7471A	
720-99608-32	SP5-2	Total/NA	Solid	7471A	

Eurofins TestAmerica, Pleasanton

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Metals (Continued)

Prep Batch: 406530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-36	SP1-01	Total/NA	Solid	7471A	
720-99608-37	SP1-2	Total/NA	Solid	7471A	
720-99608-41	HA6-02	Total/NA	Solid	7471A	
MB 320-406530/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-406530/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-406530/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
720-99608-1 MS	HA6-01	Total/NA	Solid	7471A	
720-99608-1 MSD	HA6-01	Total/NA	Solid	7471A	

Prep Batch: 406623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-41	HA6-02	Total/NA	Solid	3050B	
MB 320-406623/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-406623/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 406648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	6020	405983
720-99608-6	SP2-01	Total/NA	Solid	6020	405983
720-99608-7	SP2-2	Total/NA	Solid	6020	405983
720-99608-12	HA7-2	Total/NA	Solid	6020	405983
720-99608-13	HA7-3	Total/NA	Solid	6020	405983
720-99608-16	SP3-01	Total/NA	Solid	6020	405983
720-99608-17	SP3-2	Total/NA	Solid	6020	405983
720-99608-21	HA8-01	Total/NA	Solid	6020	405983
720-99608-22	HA8-2	Total/NA	Solid	6020	405983
720-99608-26	SP4-01	Total/NA	Solid	6020	405983
720-99608-27	SP4-2	Total/NA	Solid	6020	405983
720-99608-31	SP5-01	Total/NA	Solid	6020	405983
720-99608-32	SP5-2	Total/NA	Solid	6020	405983
720-99608-36	SP1-01	Total/NA	Solid	6020	405983
720-99608-37	SP1-2	Total/NA	Solid	6020	405983
MB 320-405983/1-A	Method Blank	Total/NA	Solid	6020	405983
LCS 320-405983/2-A	Lab Control Sample	Total/NA	Solid	6020	405983
720-99608-1 MS	HA6-01	Total/NA	Solid	6020	405983
720-99608-1 MSD	HA6-01	Total/NA	Solid	6020	405983

Analysis Batch: 407049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-41	HA6-02	Total/NA	Solid	6020	406623
MB 320-406623/1-A	Method Blank	Total/NA	Solid	6020	406623
LCS 320-406623/2-A	Lab Control Sample	Total/NA	Solid	6020	406623

Analysis Batch: 407340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	Total/NA	Solid	7471A	406530
720-99608-6	SP2-01	Total/NA	Solid	7471A	406530
720-99608-7	SP2-2	Total/NA	Solid	7471A	406530
720-99608-12	HA7-2	Total/NA	Solid	7471A	406530
720-99608-13	HA7-3	Total/NA	Solid	7471A	406530
720-99608-16	SP3-01	Total/NA	Solid	7471A	406530

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Metals (Continued)

Analysis Batch: 407340 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-17	SP3-2	Total/NA	Solid	7471A	406530
720-99608-21	HA8-01	Total/NA	Solid	7471A	406530
720-99608-22	HA8-2	Total/NA	Solid	7471A	406530
720-99608-26	SP4-01	Total/NA	Solid	7471A	406530
720-99608-27	SP4-2	Total/NA	Solid	7471A	406530
720-99608-31	SP5-01	Total/NA	Solid	7471A	406530
720-99608-32	SP5-2	Total/NA	Solid	7471A	406530
720-99608-36	SP1-01	Total/NA	Solid	7471A	406530
720-99608-37	SP1-2	Total/NA	Solid	7471A	406530
720-99608-41	HA6-02	Total/NA	Solid	7471A	406530
MB 320-406530/11-A	Method Blank	Total/NA	Solid	7471A	406530
LCS 320-406530/12-A	Lab Control Sample	Total/NA	Solid	7471A	406530
LCSD 320-406530/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	406530
720-99608-1 MS	HA6-01	Total/NA	Solid	7471A	406530
720-99608-1 MSD	HA6-01	Total/NA	Solid	7471A	406530

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA6-01

Date Collected: 08/20/20 08:45

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.01 g	10 mL	622211	08/26/20 18:20	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.01 g	10 mL	622212	08/26/20 18:20	AYL	TAL IRV
Total/NA	Prep	3550B			30.58 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 17:44	VMN	TAL SAC
Total/NA	Prep	3541			15.38 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		50			328518	09/04/20 10:43	DFE	TAL PIT
Total/NA	Prep	3050B			0.96 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 17:40	DPM	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:00	IM	TAL SAC

Client Sample ID: SP2-01

Date Collected: 08/20/20 09:20

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.97 g	10 mL	622211	08/26/20 18:48	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	4.97 g	10 mL	622212	08/26/20 18:48	AYL	TAL IRV
Total/NA	Prep	3550B			30.74 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 18:12	VMN	TAL SAC
Total/NA	Prep	3541			15.12 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		5			328414	09/03/20 19:26	DFE	TAL PIT
Total/NA	Prep	3050B			0.98 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:07	DPM	TAL SAC
Total/NA	Prep	7471A			0.59 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:10	IM	TAL SAC

Client Sample ID: SP2-2

Date Collected: 08/20/20 09:21

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.15 g	10 mL	622211	08/26/20 19:16	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.15 g	10 mL	622212	08/26/20 19:16	AYL	TAL IRV
Total/NA	Prep	3550B			30.81 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 18:41	VMN	TAL SAC
Total/NA	Prep	3541			15.23 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		20			328518	09/04/20 10:59	DFE	TAL PIT
Total/NA	Prep	3541	DL		15.23 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL	DL	40			328518	09/04/20 19:14	DFE	TAL PIT
Total/NA	Prep	3050B			1.02 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:10	DPM	TAL SAC

Eurofins TestAmerica, Pleasanton

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP2-2

Date Collected: 08/20/20 09:21

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.62 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:13	IM	TAL SAC

Client Sample ID: HA7-2

Date Collected: 08/20/20 10:31

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.06 g	10 mL	622211	08/26/20 19:44	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTV S		1	5.06 g	10 mL	622212	08/26/20 19:44	AYL	TAL IRV
Total/NA	Prep	3550B			30.08 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 20:07	VMN	TAL SAC
Total/NA	Prep	3541			15.20 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 19:57	DFE	TAL PIT
Total/NA	Prep	3050B			1.02 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:13	DPM	TAL SAC
Total/NA	Prep	7471A			0.63 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:15	IM	TAL SAC

Client Sample ID: HA7-3

Date Collected: 08/20/20 10:32

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.2 g	10 mL	622211	08/26/20 20:12	AYL	TAL IRV
Total/NA	Analysis	8260B	RA	1	5.04 g	10 mL	622288	08/27/20 22:28	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTV S		1	5.2 g	10 mL	622212	08/26/20 20:12	AYL	TAL IRV
Total/NA	Prep	3550B			30.72 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 20:35	VMN	TAL SAC
Total/NA	Prep	3541			15.15 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 20:13	DFE	TAL PIT
Total/NA	Prep	3050B			1.04 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:16	DPM	TAL SAC
Total/NA	Prep	7471A			0.63 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:24	IM	TAL SAC

Client Sample ID: SP3-01

Date Collected: 08/20/20 11:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.04 g	10 mL	622211	08/26/20 20:40	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTV S		1	5.04 g	10 mL	622212	08/26/20 20:40	AYL	TAL IRV

Eurofins TestAmerica, Pleasanton

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP3-01

Date Collected: 08/20/20 11:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.34 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		5			409833	09/04/20 21:04	VMN	TAL SAC
Total/NA	Prep	3541			15.22 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 22:01	DFE	TAL PIT
Total/NA	Prep	3050B			1.05 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:32	DPM	TAL SAC
Total/NA	Prep	7471A			0.58 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:27	IM	TAL SAC

Client Sample ID: SP3-2

Date Collected: 08/20/20 11:31

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	4.98 g	10 mL	622211	08/26/20 21:08	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	4.98 g	10 mL	622212	08/26/20 21:08	AYL	TAL IRV
Total/NA	Prep	3550B			30.56 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 21:33	VMN	TAL SAC
Total/NA	Prep	3541			15.17 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		20			328414	09/03/20 22:16	DFE	TAL PIT
Total/NA	Prep	3050B			1.00 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:35	DPM	TAL SAC
Total/NA	Prep	7471A			0.65 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:29	IM	TAL SAC

Client Sample ID: HA8-01

Date Collected: 08/20/20 12:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.16 g	10 mL	622211	08/26/20 21:37	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.16 g	10 mL	622212	08/26/20 21:37	AYL	TAL IRV
Total/NA	Prep	3550B			30.04 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 22:01	VMN	TAL SAC
Total/NA	Prep	3541			15.20 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 22:32	DFE	TAL PIT
Total/NA	Prep	3050B			1.02 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:38	DPM	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:32	IM	TAL SAC

Eurofins TestAmerica, Pleasanton

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: HA8-2

Date Collected: 08/20/20 12:31

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.02 g	10 mL	622211	08/26/20 22:05	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.02 g	10 mL	622212	08/26/20 22:05	AYL	TAL IRV
Total/NA	Prep	3550B			30.93 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/04/20 22:30	VMN	TAL SAC
Total/NA	Prep	3541			15.44 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 22:48	DFE	TAL PIT
Total/NA	Prep	3050B			0.96 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:41	DPM	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:34	IM	TAL SAC

Client Sample ID: SP4-01

Date Collected: 08/20/20 13:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.02 g	10 mL	622211	08/26/20 22:33	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.02 g	10 mL	622212	08/26/20 22:33	AYL	TAL IRV
Total/NA	Prep	3550B			30.40 g	10 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		100			409833	09/04/20 22:58	VMN	TAL SAC
Total/NA	Prep	3541			15.77 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		100			328414	09/03/20 23:03	DFE	TAL PIT
Total/NA	Prep	3050B			1.11 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 18:57	DPM	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:37	IM	TAL SAC

Client Sample ID: SP4-2

Date Collected: 08/20/20 13:31

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.08 g	10 mL	622211	08/26/20 23:01	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.08 g	10 mL	622212	08/26/20 23:01	AYL	TAL IRV
Total/NA	Prep	3550B			30.41 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		2			409833	09/04/20 23:27	VMN	TAL SAC
Total/NA	Prep	3541			15.48 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		1			328414	09/03/20 23:18	DFE	TAL PIT
Total/NA	Prep	3050B			0.97 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 19:00	DPM	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:39	IM	TAL SAC

Eurofins TestAmerica, Pleasanton

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP5-01

Date Collected: 08/20/20 14:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.1 g	10 mL	622211	08/26/20 23:57	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.1 g	10 mL	622212	08/26/20 23:57	AYL	TAL IRV
Total/NA	Prep	3550B			30.49 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		10			409833	09/04/20 23:56	VMN	TAL SAC
Total/NA	Prep	3541			15.37 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		50			328414	09/03/20 23:34	DFE	TAL PIT
Total/NA	Prep	3050B			1.10 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 19:03	DPM	TAL SAC
Total/NA	Prep	7471A			0.61 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:42	IM	TAL SAC

Client Sample ID: SP5-2

Date Collected: 08/20/20 14:31

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.17 g	10 mL	622211	08/27/20 00:25	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.17 g	10 mL	622212	08/27/20 00:25	AYL	TAL IRV
Total/NA	Prep	3550B			30.42 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		50			409833	09/05/20 00:24	VMN	TAL SAC
Total/NA	Prep	3541			15.03 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		50			328414	09/03/20 23:50	DFE	TAL PIT
Total/NA	Prep	3050B			1.04 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 19:19	DPM	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:44	IM	TAL SAC

Client Sample ID: SP1-01

Date Collected: 08/20/20 15:10

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.09 g	10 mL	622211	08/27/20 00:53	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.09 g	10 mL	622212	08/27/20 00:53	AYL	TAL IRV
Total/NA	Prep	3550B			30.07 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		2			409833	09/05/20 00:53	VMN	TAL SAC
Total/NA	Prep	3541			15.22 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		20			328518	09/04/20 11:14	DFE	TAL PIT
Total/NA	Prep	3050B			1.01 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 19:22	DPM	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:47	IM	TAL SAC

Eurofins TestAmerica, Pleasanton

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Client Sample ID: SP1-2

Lab Sample ID: 720-99608-37

Date Collected: 08/20/20 15:11

Matrix: Solid

Date Received: 08/21/20 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.12 g	10 mL	622288	08/27/20 21:32	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.12 g	10 mL	622289	08/27/20 21:32	AYL	TAL IRV
Total/NA	Prep	3550B			30.12 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		1			409833	09/05/20 01:21	VMN	TAL SAC
Total/NA	Prep	3541			15.51 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		10			328518	09/04/20 11:30	DFE	TAL PIT
Total/NA	Prep	3050B			1.02 g	100 mL	405983	08/24/20 07:00	NIM	TAL SAC
Total/NA	Analysis	6020		1			406648	08/25/20 19:25	DPM	TAL SAC
Total/NA	Prep	7471A			0.64 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:56	IM	TAL SAC

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Date Collected: 08/20/20 08:46

Matrix: Solid

Date Received: 08/21/20 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.05 g	10 mL	622288	08/27/20 22:00	AYL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTM S		1	5.05 g	10 mL	622289	08/27/20 22:00	AYL	TAL IRV
Total/NA	Prep	3550B			30.32 g	3 mL	408599	09/01/20 14:02	EDC	TAL SAC
Total/NA	Analysis	8015B		2			409833	09/05/20 01:50	VMN	TAL SAC
Total/NA	Prep	3541			15.09 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL		20			328518	09/04/20 11:45	DFE	TAL PIT
Total/NA	Prep	3541	DL		15.09 g	1.0 mL	327561	08/28/20 09:21	CSC	TAL PIT
Total/NA	Analysis	EPA 8081A LL	DL	40			328518	09/04/20 19:30	DFE	TAL PIT
Total/NA	Prep	3050B			1.02 g	100 mL	406623	08/26/20 06:10	NIM	TAL SAC
Total/NA	Analysis	6020		1			407049	08/26/20 16:22	DPM	TAL SAC
Total/NA	Prep	7471A			0.64 g	50 mL	406530	08/27/20 08:20	DPM	TAL SAC
Total/NA	Analysis	7471A		1			407340	08/27/20 14:58	IM	TAL SAC

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins TestAmerica, Pleasanton

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-21

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2891	04-30-21

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

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

Analysis Method	Prep Method	Matrix	Analyte
8015B	3550B	Solid	Motor Oil Range Organics [C28-C40]

Method Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds by GC/MS (Low Level)	SW846	TAL IRV
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
EPA 8081A LL	Organochlorine Pesticides (GC)	SW846	TAL PIT
6020	Metals (ICP/MS)	SW846	TAL SAC
7471A	Mercury (CVAA)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3541	Automated Soxhlet Extraction (Low Level)	SW846	TAL PIT
3550B	Ultrasonic Extraction	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL IRV
7471A	Preparation, Mercury	SW846	TAL SAC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-99608-1	HA6-01	Solid	08/20/20 08:45	08/21/20 12:15	
720-99608-6	SP2-01	Solid	08/20/20 09:20	08/21/20 12:15	
720-99608-7	SP2-2	Solid	08/20/20 09:21	08/21/20 12:15	
720-99608-12	HA7-2	Solid	08/20/20 10:31	08/21/20 12:15	
720-99608-13	HA7-3	Solid	08/20/20 10:32	08/21/20 12:15	
720-99608-16	SP3-01	Solid	08/20/20 11:30	08/21/20 12:15	
720-99608-17	SP3-2	Solid	08/20/20 11:31	08/21/20 12:15	
720-99608-21	HA8-01	Solid	08/20/20 12:30	08/21/20 12:15	
720-99608-22	HA8-2	Solid	08/20/20 12:31	08/21/20 12:15	
720-99608-26	SP4-01	Solid	08/20/20 13:30	08/21/20 12:15	
720-99608-27	SP4-2	Solid	08/20/20 13:31	08/21/20 12:15	
720-99608-31	SP5-01	Solid	08/20/20 14:30	08/21/20 12:15	
720-99608-32	SP5-2	Solid	08/20/20 14:31	08/21/20 12:15	
720-99608-36	SP1-01	Solid	08/20/20 15:10	08/21/20 12:15	
720-99608-37	SP1-2	Solid	08/20/20 15:11	08/21/20 12:15	
720-99608-41	HA6-02	Solid	08/20/20 08:46	08/21/20 12:15	



CHAIN OF CUSTODY RECORD

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1920 Old Middlefield Rd
Mountain View, CA 94043
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Fax: 650.967.2785

☐ San Francisco
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San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

720-99608

Concord

197019

(P)

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: 9young@trc.com
Sampler (print): N Berube
Sampler (signature):

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: ☒ Soil Groundwater Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD



720-99608 Chain of Custody

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	EPA 8260B - Full List Gas w/ LUBTEX ☒ MTBE	TPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ RCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol - Title 22 metals 6010	VOCs	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
HAG-01	8/20/20	0845		Soil	3	Ice	☒	☒						☒	☒	☒			
HAG-1.5		0846					☒	☒						☒	☒	☒			
HAG-3		0847																	☒
HAG-4		0848																	☒
HAG-5		0849																	☒
SP-2-01		0920					☒	☒						☒	☒	☒			
SP-2-2		0921					☒	☒						☒	☒	☒			
SP-2-3		0922																	☒
SP-2-4		0923																	☒
SP-2-5		0924																	☒

Inquired By: [Signature] Date: 8/21/2020

Inquired By: A [Signature] Date: 8/21/20 Time: 12:15

Inquired By: Date: Time:

Received By: [Signature] Date: 8/21/20 Time: 11:00

Received By: [Signature] Date: 8/21/20 Time: 12:00

Lab of Record: Temp:

Received by Lab: Date: Time:

2.9, 2.5, 2.9 C



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San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

concord

197019

(2)

Project Name: 2590 Walsh Avenue			Job No.: 407444.2			P.O. #:			Report To: gyoung@trccompanies.com			Sampler (print): N Berube			Sampler (signature): [Signature]			Turnaround Requirements ☐ 5 Working Days ☐ 72 Hours ☐ 24 Hours ☐ 2-3 Hours RUSH ☒ STANDARD														
Electronic Deliverable Format Required: ☒ YES ☐ NO									QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD																							
Global ID #:									Sample Type: <u>Soil</u> Groundwater Soil Vapor																							
Sample I.D. (Field Point Name)		Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?																									
HA7-01		8/20/20	1030		Soil	3	Ice	☒ EPA 8260B - Full List ☒ Gas w/ ☒ MTBE ☒ TPH EPA 8015M* ☒ Diesel ☒ Motor Oil ☐ Other	☐ Metals: ☐ Lead ☐ LUFT ☐ RCRA	☐ TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	☒ 2-Propanol T+H+Z metal 6010	☒ VOCs 82-60	☐ TO-15	☐ Organochlorine Pesticides (8081)	☐ PCBs (8082)	☐ PAHs (8310)	Archives													
HA7-2			1031					X	X				X	X		X			X													
HA7-3			1032					X	X				X	X		X			X													
HA7-4			1033																X													
HA7-5			1034																X													
SP3-01			1130					X	X				X	X		X																
SP3-2			1131					X	X				X	X		X																
SP3-3			1132																X													
SP3-4			1133																X													
SP3-5			1134																X													
Inquired By: [Signature]		Date: 8/24/2020					Received By: [Signature]					Date: 8/24/20 Time: 11:20					PM Initial:															
Inquired By: A. Fyfe		Date: 8/24/20 Time: 12:15					Received By: [Signature]					Date: 8/24/20 Time: 12:15					Temp:															
Inquired By:		Date:					Lab of Record:					Date:					Time:															
Received by Lab:		Date:					Time:																									



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Tel: 415.434.2600
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concord

197019

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: gyoung@trccompanies.com
Sampler (print): N Berube
Sampler (signature): [Signature]

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: Soil Groundwater Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	EPA 8260B - Full List ☒ Gas w/ ☒ MTBE	TPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ PCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺⁺ (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol Title 22 Metals 6010 <u>vee</u> 8260	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
HA8-01	8/20/20	1230		Soil	3	Ice	X	X					X	X	X			
HA8-2		1231					X	X					X	X	X			
HA8-3		1232																X
HA8-4		1233																X
HA8-5		1234																X
SP4-01		1330					X	X					X	X	X			
SP4-2		1331					X	X					X	X	X			
SP4-3		1332																X
SP4-4		1333																X
SP4-5		1334																X

Relinquished By: [Signature] Date: 8/21/2020Received By: [Signature] Date: 8/21/20 Time: 11:00

PM Initial:

Relinquished By: A. Fisher Date: 8/21/20 Time: 12:00Received By: [Signature] Date: 8/21/20 Time: 12:00

Relinquished By: Date: Time:

Lab of Record:

Temp:

Received by Lab:

Date:

Time:



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Tel: 415.434.2600
Fax: 415.434.2321

concord

197019

(W)

Project Name: 2590 Walsh Avenue			Turnaround Requirements ☐ 5 Working Days ☐ 72 Hours ☐ 24 Hours ☐ 2-3 Hours RUSH ☒ STANDARD			EPA 8260B - Full List ☒ Gas w/ ☒ MTBE ☒ TPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other Metals: ☐ Lead ☐ LUFT ☐ RORA TRPH (418.1) with silica gel column ☐ Ferrous Iron Fe⁺² (HACH 8146) ☐ Hexavalent Chromium (7199) 2-Propanol T14222 metals 6010 VOCs 8260 TO-15 Organochlorine Pesticides (8081) PCBs (8082) PAHs (8310) Archive																			
Job No.: 407444.2																									
Report To: gyoung@trccompanies.com																									
Sampler (print): N Berube																									
Sampler (signature): 			QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD																						
Electronic Deliverable Format Required: ☒ YES ☐ NO																									
DF LOGCODE: ☐ TRCO																									
Global ID #:																									
Sample Type: Soil Groundwater Soil Vapor																									
Page 96 of 118	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?																		
	SPS-01	8/20/20	1430		Soil	3	Yes	X	X					X	X		X								
	SPS-2		1431					X	X					X	X		X								
	SPS-3		1432																			X			
	SPS-4		1433																			X			
	SPS-6		1434																			X			
	SP1-01		1510					X	X					X	X		X								
	SP1-2		1511					X	X					X	X		X								
	SP1-3		1512																			X			
	SP1-4		1513																			X			
	SP1-5		1514																			X			
Relinquished By:						Date: 8/21/2020						Received By:						Date: 8/21/20 Time: 11:00						PM Initial:	
Relinquished By: A Fisher						Date: 8/21/20 Time: 12:15						Received By:						Date: 8/21/20 Time: 12:15							
Relinquished By:						Date:						Lab of Record:						Date:						Temp:	
												Received by Lab:						Date:						Time:	



SDR

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151967 REV 7/08 RRD

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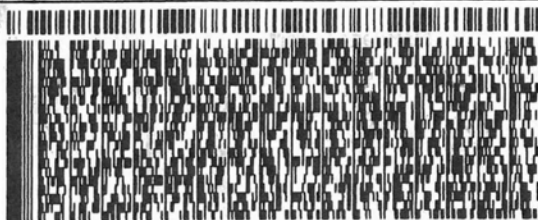
ORIGIN ID: LVKA (925) 484-1919
SHIPPING DEPT
TESTAMERICA
1220 QUARRY LNPLEASANTON, CA 94566
UNITED STATES USSHIP DATE: 21AUG20
ACTWGT: 47.55 LB
CAD: 0795504/CAFE3311
DIMS: 28x16x15 IN

BILL RECIPIENT

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TESTAMERICA PITTSBURG
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INV:
PO:

REF:

DEPT:

**FedEx**
Express

J1912190820011111



720-99608 Waybill

TRK# 9108 7847 7187
0201**SATURDAY 12:00P**
PRIORITY OVERNIGHT**XO AGCA****15238**
PA-US PITUncorrected temp
Thermometer ID119 °C
14

CF

O

Initials

B

PT-WI-SR-001 effective 11/8/18

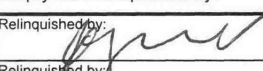
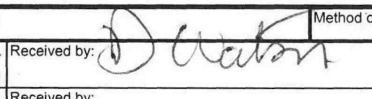




Environment Testing
America

9/9/2020

720-99608 Chain of Custody

Client Information (Sub Contract Lab)				Sampler:		Lab PM: Smith, Micah		Carrier Tracking No(s):		COC No: 720-49356.3													
Client Contact: Shipping/Receiving				Phone:		E-Mail: Micah.Smith@Eurofinset.com		State of Origin: California		Page: Page 3 of 5													
Company: TestAmerica Laboratories, Inc.						Accreditations Required (See note): State - California						Job #: 720-99608-1											
Address: 301 Alpha Drive, RIDC Park, City: Pittsburgh State, Zip: PA, 15238				Due Date Requested: 9/2/2020		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:											
Phone: 412-963-7058(Tel) 412-963-2468(Fax)		PO #:																					
Email:		WO #:																					
Project Name: 2590 Walsh - Soil Sampling		Project #: 72015469																					
Site:		SSOW#:																					
Sample Identification - Client ID (Lab ID)				Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8081A_LL/3541_LL Pesticides, Standard List		8081A_LL/3541_LL Pesticides, Standard List (Hold)		Total Number of containers		Special Instructions/Note:	
SP3-4 (720-99608-19)				8/20/20		11:33 Pacific				Solid						X						1	
SP3-5 (720-99608-20)				8/20/20		11:34 Pacific				Solid						X						1	
HA8-01 (720-99608-21)				8/20/20		12:30 Pacific				Solid				X								1	
HA8-2 (720-99608-22)				8/20/20		12:31 Pacific				Solid				X								1	
HA8-3 (720-99608-23)				8/20/20		12:32 Pacific				Solid						X						1	
HA8-4 (720-99608-24)				8/20/20		12:33 Pacific				Solid						X						1	
HA8-5 (720-99608-25)				8/20/20		12:34 Pacific				Solid						X						1	
SP4-01 (720-99608-26)				8/20/20		13:30 Pacific				Solid				X								1	
SP4-2 (720-99608-27)				8/20/20		13:31 Pacific				Solid				X								1	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																							
Possible Hazard Identification												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
Unconfirmed												☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)												Special Instructions/QC Requirements:											
Empty Kit Relinquished by:												Date: _____ Time: _____ Method of Shipment: _____											
Relinquished by: 												Date/Time: 8/21/20 1600 Company: EAT&S											
Relinquished by:												Received by:  Date/Time: 8-22-20 1000 Company: EAT&S											
Relinquished by:												Received by: _____ Date/Time: _____ Company: _____											
Custody Seals Intact: ☐ Yes ☐ No												Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____											

Eurofins TestAmerica, Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Phone: 925-484-1919 Fax: 925-600-3002

Chain of Custody Record

Environment Testing
America

9/9/2020

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:													
Client Contact:		Phone:		Smith, Micah				720-49356.4													
Shipping/Receiving				E-Mail:		State of Origin:		Page:													
				Micah.Smith@Eurofinset.com		California		Page 4 of 5													
Company:				Accreditations Required (See note):				Job #:													
TestAmerica Laboratories, Inc.				State - California				720-99608-1													
Address:		Due Date Requested:		Analysis Requested						Preservation Codes:											
301 Alpha Drive, RIDC Park,		9/2/2020																			
City:		TAT Requested (days):		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8081A_LL/3541_LL Pesticides, Standard List		8081A_LL/3541_LL Pesticides, Standard List (Hold)		Total Number of containers		Other:							
Pittsburgh																					
State, Zip:																					
PA, 15238																					
Phone:		PO #:																			
412-963-7058(Tel) 412-963-2468(Fax)																					
Email:		WO #:																			
Project Name:		Project #:																			
2590 Walsh - Soil Sampling		72015469																			
Site:		SSOW#:																			
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8081A_LL/3541_LL Pesticides, Standard List		8081A_LL/3541_LL Pesticides, Standard List (Hold)		Total Number of containers		Special Instructions/Note:	
SP4-3 (720-99608-28)		8/20/20		13:32 Pacific				Solid						X				1			
SP4-4 (720-99608-29)		8/20/20		13:33 Pacific				Solid						X				1			
SP4-5 (720-99608-30)		8/20/20		13:34 Pacific				Solid						X				1			
SP5-01 (720-99608-31)		8/20/20		14:30 Pacific				Solid				X						1			
SP5-2 (720-99608-32)		8/20/20		14:31 Pacific				Solid				X						1			
SP5-3 (720-99608-33)		8/20/20		14:32 Pacific				Solid						X				1			
SP5-4 (720-99608-34)		8/20/20		14:33 Pacific				Solid						X				1			
SP5-5 (720-99608-35)		8/20/20		14:34 Pacific				Solid						X				1			
SP1-01 (720-99608-36)		8/20/20		15:10 Pacific				Solid				X						1			

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

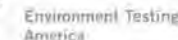
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Unconfirmed		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2	
		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Date/Time:		Date/Time:	
Relinquished by:		Received by:	
Date/Time:		Date/Time:	
Relinquished by:		Received by:	
Date/Time:		Date/Time:	
Relinquished by:		Received by:	
Date/Time:		Date/Time:	
Custody Seals Intact:		Cooler Temperature(s) °C and Other Remarks:	
☐ Yes ☐ No			

Ver: 01/16/2019

Page 101 of 118

Chain of Custody Record

[illegible]



did not receive ST 8122/20

eurofins | Environment Testing America

Client Information (Sub Contract Lab)				Sampler: Lab PM: Smith, Micah				Carrier Tracking No(s):				COC No: 720-49355.2															
Client Contact: Shipping/Receiving				Phone:				E-Mail: Micah.Smith@Eurofinset.com				State of Origin: California															
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): State - California				Page: Page 2 of 5				Job #: 720-99608-1															
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605				Due Date Requested: 9/2/2020				Analysis Requested				Preservation Codes:															
Phone: 916-373-5600(Tel) 916-372-1059(Fax)				TAT Requested (days):				Field Filled Sample (Yes or No)				A - HCL M - Hexane															
Email:				PO #:				Perform MS/MSD (Yes or No)				B - NaOH N - None															
Project Name: 2590 Walsh - Soil Sampling				WO #:				8015B_DRO/3550B (MOD) DRO/MRO				C - Zn Acetate O - AsNaO2															
Site:				Project #: 72015469				6020/3050B CAM 17 List				D - Nitric Acid P - Na2O4S															
				SSOW#:				7471A/7471A_Prep Mercury Only				E - NaHSO4 Q - Na2SO3															
								8015B_DRO/3550B (MOD) DRO/MRO (Hold)				F - MeOH R - Na2S2O3															
								6020/3050B CAM 17 List (Hold)				G - Amchlor S - H2SO4															
								7471A/7471A_Prep Mercury Only (Hold)				H - Ascorbic Acid T - TSP Dodecahydrate															
												I - Ice U - Acetone															
												J - DI Water V - MCAA															
												K - EDTA W - pH 4-5															
												L - EDA Z - other (specify)															
												Other:															
Sample Identification - Client ID (Lab ID)				Sample Date				Sample Time				Sample Type (C=comp, G=grab)				Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air)				Total Number of containers				Special Instructions/Note:			
SP2-5 (720-99608-10)				8/20/20				09:24 Pacific				Solid								1							
HA7-01 (720-99608-11)				8/20/20				10:30 Pacific				Solid								1							
HA7-2 (720-99608-12)				8/20/20				10:31 Pacific				Solid								1							
HA7-3 (720-99608-13)				8/20/20				10:32 Pacific				Solid								1							
HA7-4 (720-99608-14)				8/20/20				10:33 Pacific				Solid								1							
HA7-5 (720-99608-15)				8/20/20				10:34 Pacific				Solid								1							
SP3-01 (720-99608-16)				8/20/20				11:30 Pacific				Solid								1							
SP3-2 (720-99608-17)				8/20/20				11:31 Pacific				Solid								1							
SP3-3 (720-99608-18)				8/20/20				11:32 Pacific				Solid								1							
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																											
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Empty Kit Relinquished by: Date: Time: Method of Shipment: Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:																											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months Special Instructions/QC Requirements: 3.1 or 3.6 2.2 or 2.7																											

Chain of Custody Record

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Smith, Micah		Carrier Tracking No(s):		COC No: 720-49355.3			
Client Contact: Shipping/Receiving		Phone:		E-Mail: Micah.Smith@Eurofinset.com		State of Origin: California		Page: Page 3 of 5			
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): State - California				Job #: 720-99608-1			
Address: 880 Riverside Parkway.		Due Date Requested: 9/2/2020		Analysis Requested				Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:			
City: West Sacramento		TAT Requested (days):									
State, Zip: CA, 95605		PO #:		Field Filtered Sample (Yes or No) ☒		Perform MS/MSD (Yes or No) ☒		Total Number of containers			
Phone: 916-373-5600(Tel) 916-372-1059(Fax)		WO #:									
Email:		Project #: 72015469		8015B_DRO/3550B (MOD) DRO/MRO		6020/3050B CAM 17 List		7471A/7471A Prep Mercury Only			
Project Name: 2590 Walsh - Soil Sampling		SSOW#:		8015B_DRO/3550B (MOD) DRO/MRO (Hold)		6020/3050B CAM 17 List (Hold)		7471A/7471A Prep Mercury Only (Hold)			
Site:											
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)			
						Preservation Code:					
SP3-4 (720-99608-19)		8/20/20		11:33 Pacific		Solid					
SP3-5 (720-99608-20)		8/20/20		11:34 Pacific		Solid					
HA8-01 (720-99608-21)		8/20/20		12:30 Pacific		Solid					
HA8-2 (720-99608-22)		8/20/20		12:31 Pacific		Solid					
HA8-3 (720-99608-23)		8/20/20		12:32 Pacific		Solid					
HA8-4 (720-99608-24)		8/20/20		12:33 Pacific		Solid					
HA8-5 (720-99608-25)		8/20/20		12:34 Pacific		Solid					
SP4-01 (720-99608-26)		8/20/20		13:30 Pacific		Solid					
SP4-2 (720-99608-27)		8/20/20		13:31 Pacific		Solid					
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.											
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed					☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:						
Empty Kit Relinquished by:					Date:		Time:		Method of Shipment:		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by: Victor		8/21/20 16:30		ETA-PLS		Victor		8-21 4:30		DCS	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		8-21-20 18:30		DCS		Kufn		08/21/20 18:30		ETA-SAC	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact:		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:					
Δ Yes Δ No						3.1 cur 3.6 2.2 cur 2.7					

Chain of Custody Record

Client Information (Sub Contract Lab)						Sampler:		Lab PM: Smith, Micah		Carrier Tracking No(s):		COC No: 720-49355.4																							
Client Contact: Shipping/Receiving						Phone:		E-Mail: Micah.Smith@Eurofinset.com		State of Origin: California		Page: Page 4 of 5																							
Company: TestAmerica Laboratories, Inc.								Accreditations Required (See note): State - California				Job #: 720-99608-1																							
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605						Due Date Requested: 9/2/2020		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:																					
TAT Requested (days):						PO #:																													
Email: 916-373-5600(Tel) 916-372-1059(Fax)						WO #:																													
Project Name: 2590 Walsh - Soil Sampling						Project #: 72015469																													
Site:						SSOW#:																													
Sample Identification - Client ID (Lab ID)						Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers		Special Instructions/Note:															
SP4-3 (720-99608-28)						8/20/20		13:32 Pacific				Solid																							
SP4-4 (720-99608-29)						8/20/20		13:33 Pacific				Solid																							
SP4-5 (720-99608-30)						8/20/20		13:34 Pacific				Solid																							
SP5-01 (720-99608-31)						8/20/20		14:30 Pacific				Solid				X X X																			
SP5-2 (720-99608-32)						8/20/20		14:31 Pacific				Solid				X X X																			
SP5-3 (720-99608-33)						8/20/20		14:32 Pacific				Solid						X X X																	
SP5-4 (720-99608-34)						8/20/20		14:33 Pacific				Solid						X X X																	
SP5-5 (720-99608-35)						8/20/20		14:34 Pacific				Solid						X X X																	
SP1-01 (720-99608-36)						8/20/20		15:10 Pacific				Solid				X X X																			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																																			
Possible Hazard Identification												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																							
Unconfirmed												☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																							
Deliverable Requested: I, II, III, IV, Other (specify)												Primary Deliverable Rank: 2																							
Empty Kit Relinquished by:												Special Instructions/QC Requirements:																							
Relinquished by:						Date:						Time:						Method of Shipment:																	
Relinquished by: Victor						Date/Time: 8-21-20 16:30						Company: DCS						Received by: Victor						Date/Time: 8-21 4:30						Company: DCS					
Relinquished by: Victor						Date/Time: 8-21-2020 18:30						Company: DCS						Received by: [Signature]						Date/Time: 8/21/20 18:30						Company: EPA-SAC					
Relinquished by:						Date/Time:						Company:						Received by:						Date/Time:						Company:					
Custody Seals Intact:						Custody Seal No.:						Cooler Temperature(s) °C and Other Remarks:																							
Δ Yes Δ No												3.1 cu 3.6, 2-2 cu 2.7																							

eurofins | Environment Testing
America

Ver: 01/16/2019

Eurofins TestAmerica, Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Phone: 925-484-1919 Fax: 925-600-3002

Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Camer Tracking No(s):		COC No											
Client Contact		Phone:		E-Mail:		State of Origin		Page											
Shipping/Receiving				Micah.Smith@Eurofinset.com		California		Page 1 of 5											
Company:				Accreditations Required (See note):				Job #:											
Eurofins Calscience LLC				State - California				720-99608-1											
Address:		Due Date Requested:		Analysis Requested						Preservation Codes:									
17461 Derian Ave, Suite 100,		9/2/2020																	
City:		TAT Requested (days):		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers											
Irvine																			
State, Zip		PO #:		8260B_LL/5030B (MOD) VOCs, Standard List		8260B_ICA_LUFTMS/5030B GRO C4-C12		8260B_LL/5030B (MOD) VOCs, Standard List (Hold)		8260B_ICA_LUFTMS/5030B GRO C4-C12 (Hold)									
CA, 92614-5817																			
Phone:		WO #:																	
949-261-1022(Tel) 949-260-3297(Fax)																			
Email:																			
Project Name:		Project #:																	
2590 Walsh - Soil Sampling		72015469																	
Site:		SSOW#:																	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Whole, Sealed, On-site/Off, BT=Tissue, A=Air)							Special Instructions/Note:							
HA6-01 (720-99608-1)		8/20/20	08:45 Pacific		Solid			X	X							1	ICO - \$50		
HA6-1.5 (720-99608-2)		8/20/20	08:46 Pacific		Solid			X	X								1	ICO - \$50	
HA6-3 (720-99608-3)		8/20/20	08:47 Pacific		Solid					X	X						1	ICO - \$50	
HA6-4 (720-99608-4)		8/20/20	08:48 Pacific		Solid					X	X						1	ICO - \$50	
HA6-5 (720-99608-5)		8/20/20	08:49 Pacific		Solid					X	X						1	ICO - \$50	
SP2-01 (720-99608-6)		8/20/20	09:20 Pacific		Solid			X	X								1	ICO - \$50	
SP2-2 (720-99608-7)		8/20/20	09:21 Pacific		Solid			X	X								1	ICO - \$50	
SP2-3 (720-99608-8)		8/20/20	09:22 Pacific		Solid					X	X						1	ICO - \$50	
SP2-4 (720-99608-9)		8/20/20	09:23 Pacific		Solid					X	X						1	ICO - \$50	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)										Primary Deliverable Rank: 2									
										Special Instructions/QC Requirements:									
Empty Kit Relinquished by:										Method of Shipment									
Relinquished by:										Date/Time: 8/21/20 1600									
Relinquished by:										Company: EDA PCS									
Relinquished by:										Received by:									
										Date/Time:									
										Company:									
Relinquished by:										Received by:									
										Date/Time: 8/22/20 1130									
										Company: EC-IRV									
Custody Seals Intact: ☒ Yes ☐ No										Custody Seal No.:									
										Cooler Temperature(s) °C and Other Remarks: 33/33 12-89									

Ver. 01/16/2019



Eurofins TestAmerica, Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Phone: 925-484-1919 Fax: 925-600-3002

Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler		Lab PM:		Carrier Tracking No(s):		COC No.			
Client Contact:		Phone:		E-Mail:		State of Origin:		Page			
Shipping/Receiving				Micah.Smith@Eurofinset.com		California		Page 2 of 5			
Company				Accreditations Required (See note):				Job #:			
Eurofins Calscience LLC				State - California				720-99608-1			
Address:		Due Date Requested:		Analysis Requested						Preservation Codes:	
17461 Derian Ave., Suite 100,		9/2/2020									
City:		TAT Requested (days):									
Irvine											
State, Zip:		PO #:								Special Instructions/Note:	
CA, 92614-5817		WO #:									
Phone:		Project #:									
949-261-1022(Tel) 949-260-3297(Fax)		72015469									
Email:		SSOW#:									
Project Name:		Project #:									
2590 Walsh - Soil Sampling		72015469									
Site:		SSOW#:									
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, B=soil, O=organic, A=air)		Preservation Code	
SP2-5 (720-99608-10)		8/20/20		09:24 Pacific		Solid		Solid		ICO - \$50	
HA7-01 (720-99608-11)		8/20/20		10:30 Pacific		Solid		Solid		ICO - \$50	
HA7-2 (720-99608-12)		8/20/20		10:31 Pacific		Solid		Solid		ICO - \$50	
HA7-3 (720-99608-13)		8/20/20		10:32 Pacific		Solid		Solid		ICO - \$50	
HA7-4 (720-99608-14)		8/20/20		10:33 Pacific		Solid		Solid		ICO - \$50	
HA7-5 (720-99608-15)		8/20/20		10:34 Pacific		Solid		Solid		ICO - \$50	
SP3-01 (720-99608-16)		8/20/20		11:30 Pacific		Solid		Solid		ICO - \$50	
SP3-2 (720-99608-17)		8/20/20		11:31 Pacific		Solid		Solid		ICO - \$50	
SP3-3 (720-99608-18)		8/20/20		11:32 Pacific		Solid		Solid		ICO - \$50	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Unconfirmed		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date:	
Relinquished by:		Time:	
Relinquished by:		Method of Shipment:	
Relinquished by:		Received by:	
Relinquished by:		Date/Time:	
Relinquished by:		Company:	
Custody Seals Intact:		Cooler Temperature(s) °C and Other Remarks:	
☐ Yes ☐ No		8/22/20 1130 EC-12V	

Ver: 01/16/2019

eurolins Environment Testing
America

Ver: 01/16/2019

eurofins | Environment Testing
America

Client Information (Sub Contract Lab)				Lab PM: Smith, Micah				Carrier Tracking No(s): 				COC No: 720-49358.4	
Client Contact:				Phone				E-Mail: Micah.Smith@Eurofinset.com				Page Page 4 of 5	
Shipping/Receiving								State of Origin: California					
Company: Eurofins Calscience LLC				Accreditations Required (See note): State - California				Job #: 720-99608-1					
Address: 17461 Derian Ave., Suite 100,				Due Date Requested: 9/2/2020				Analysis Requested				Preservation Codes:	
City: Irvine				TAT Requested (days):								A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA	
State, Zip: CA, 92614-5817												M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone: 949-261-1022(Tel) 949-260-3297(Fax)				PO #:									
Email:				WO #:								Other:	
Project Name 2590 Walsh - Soil Sampling				Project # 72015469									
Site				SSOW#:									
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab) BT=Tissue, An=Air	Matrix (W=water, Soil=SO, O=organic soil, BT=Tissue, An=Air)	8260B_LL/5030B (MOD) VOCs, Standard List	8260B_CA_LUFMS/5030B GRO C4-C12	8260B_LL/5030B (MOD) VOCs, Standard List (Hold)	8260B_CA_LUFMS/5030B GRO C4-C12 (Hold)	Total Number of Containers	Special Instructions/Note:
SP4-3 (720-99608-28)				8/20/20	13:32 Pacific	Solid		X	X				ICO - \$50
SP4-4 (720-99608-29)				8/20/20	13:33 Pacific	Solid		X	X				ICO - \$50
SP4-5 (720-99608-30)				8/20/20	13:34 Pacific	Solid		X	X				ICO - \$50
SP5-01 (720-99608-31)				8/20/20	14:30 Pacific	Solid	X	X					ICO - \$50
SP5-2 (720-99608-32)				8/20/20	14:31 Pacific	Solid	X	X					ICO - \$50
SP5-3 (720-99608-33)				8/20/20	14:32 Pacific	Solid		X	X				ICO - \$50
SP5-4 (720-99608-34)				8/20/20	14:33 Pacific	Solid		X	X				ICO - \$50
SP5-5 (720-99608-35)				8/20/20	14:34 Pacific	Solid		X	X				ICO - \$50
SP1-01 (720-99608-36)				8/20/20	15:10 Pacific	Solid	X	X					ICO - \$50
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.													
Possible Hazard Identification							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed							☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)							Primary Deliverable Rank: 2						
							Special Instructions/QC Requirements:						
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:					
Relinquished by: [Signature]				Date/Time: 8/21/20 1600		Company: EDPA		Received by:			Date/Time:	Company:	
Relinquished by:				Date/Time:		Company:		Received by:			Date/Time:	Company:	
Relinquished by:				Date/Time:		Company:		Received by: SD			Date/Time: 8/22/20 1130	Company: EC-IRV	
Custody Seals Intact: Δ Yes Δ No				Custody Seal No.: _____				Cooler Temperature(s) °C and Other Remarks:					

Chain of Custody Record

[illegible]



Environment Testing
TestAmerica

Sacramento
Sample Receiving No



720-99608 Field Sheet

Tracking #:

N/A

Job:

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier
GSO / OnTrac / Goldstreak / USPS / Other

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: AK 6 Corr. Factor: (+) - 0.5 °C

Ice ✓ Wet ✓ Gel ✓ Other ✓

Cooler Custody Seal: ✓

Cooler ID: ✓

Temp Observed: 31 °C Corrected: 36 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment

	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐

Initials: SL Date: 8/21/20

Unpacking/Labeling The Samples

	Yes	No	NA
CoC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Sample containers have legible labels?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Containers are not broken or leaking?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SL Date: 8/22/20

Notes:

Trizma Lot #(s):

Login Completion

	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: SL Date: 8/22/20



Environment Testing
TestAmerica

Sample Receipt

Place Field Sheet Label Here

Tracking #: N/A

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / ~~Courier~~
GSO / OnTrac / Goldstreak / USPS / Other _____

Job: _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: AK-6 Corr. Factor: (+/-) 0.5°C

Ice _____ Wet ☒ Gel _____ Other _____

Cooler Custody Seal: _____

Cooler ID: _____

Temp Observed: 2.2 °C Corrected: 2.7 °C
From: Temp Blank ☐ Sample ☒

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☐	☐
Cooler Temperature is acceptable?	☒	☐	☐

Initials: TV Date: 8/21/20

Unpacking/Labeling The Samples	Yes	No	NA
CoC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Sample containers have legible labels?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Containers are not broken or leaking?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: ST Date: 8/22/20

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: ST Date: 8/22/20

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-1

Login Number: 99608

List Number: 1

Creator: Arauz, Dennis

List Source: Eurofins TestAmerica, Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-1

Login Number: 99608

List Number: 4

Creator: Dolidze, Lado

List Source: Eurofins Irvine

List Creation: 08/22/20 12:44 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Sample #2 was not received in Irvine
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-1

Login Number: 99608

List Number: 3

Creator: Jodis, Matthew V

List Source: Eurofins TestAmerica, Pittsburgh

List Creation: 08/22/20 03:17 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-1

Login Number: 99608

List Number: 2

Creator: Thompson, Sarah W

List Source: Eurofins TestAmerica, Sacramento

List Creation: 08/22/20 07:15 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1c cor 3.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

Laboratory Job ID: 720-99608-2

Client Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

For:

TRC Environmental Corporation
2300 Clayton Road
Suite 610
Concord, California 94520

Attn: Glenn Young



Authorized for release by:
10/1/2020 6:54:11 PM

Micah Smith, Project Manager II
(916)374-4302
Micah.Smith@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Table of Contents

Cover Page 1

Table of Contents 2

Definitions/Glossary 3

Case Narrative 4

Detection Summary 5

Client Sample Results 6

QC Sample Results 9

QC Association Summary 11

Lab Chronicle 12

Certification Summary 13

Method Summary 14

Sample Summary 15

Chain of Custody 16

Receipt Checklists 21



Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Glossary

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

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Job ID: 720-99608-2

Laboratory: Eurofins TestAmerica, Pleasanton

Narrative

Job Narrative 720-99608-2

Comments

No additional comments.

Receipt

The samples were received on 8/21/2020 12:15 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.9° C and 2.9° C.

Receipt Exception

The following sample was listed on the Chain of Custody (COC); however, no sample was received: HA6-1.5 (720-99608-2). The lab did receive sample HA6-02 (720-99608-41) which was not listed on the COC. This sample was logged in for analysis as requested.

Metals

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Client Sample ID: HA6-01

Lab Sample ID: 720-99608-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5		0.010	0.0060	mg/L	10		6020	STLC Citrate

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9		0.010	0.0060	mg/L	10		6020	STLC Citrate

Client Sample ID: HA6-02

Lab Sample ID: 720-99608-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.4		0.010	0.0060	mg/L	10		6020	STLC Citrate
Lead	0.032		0.010	0.0060	mg/L	1		6020	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Client Sample ID: HA6-01

Date Collected: 08/20/20 08:45

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-1

Matrix: Solid

Method: 6020 - Metals (ICP/MS) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		0.010	0.0060	mg/L			09/22/20 21:38	10

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Client Sample ID: SP1-01

Lab Sample ID: 720-99608-36

Date Collected: 08/20/20 15:10

Matrix: Solid

Date Received: 08/21/20 12:15

Method: 6020 - Metals (ICP/MS) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.9		0.010	0.0060	mg/L			09/22/20 21:53	10

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Client Sample ID: HA6-02

Date Collected: 08/20/20 08:46

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-41

Matrix: Solid

Method: 6020 - Metals (ICP/MS) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.4		0.010	0.0060	mg/L			09/22/20 21:57	10

Method: 6020 - TCLP Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.032		0.010	0.0060	mg/L		09/23/20 07:00	09/30/20 14:04	1

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Method: 6020 - TCLP Metals

Lab Sample ID: MB 320-414841/1-A
Matrix: Solid
Analysis Batch: 417448

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 414841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0020	0.0012	mg/L		09/23/20 07:00	09/30/20 13:54	1

Lab Sample ID: LCS 320-414841/2-A
Matrix: Solid
Analysis Batch: 417448

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 414841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.200	0.196		mg/L		98	75 - 125

Lab Sample ID: LB 320-412581/1-C
Matrix: Solid
Analysis Batch: 417448

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 414841

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0060	mg/L		09/23/20 07:00	09/30/20 14:00	1

Lab Sample ID: 720-99608-41 MS
Matrix: Solid
Analysis Batch: 417448

Client Sample ID: HA6-02
Prep Type: TCLP
Prep Batch: 414841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.032		1.00	0.914		mg/L		88	75 - 125

Lab Sample ID: 720-99608-41 MSD
Matrix: Solid
Analysis Batch: 417448

Client Sample ID: HA6-02
Prep Type: TCLP
Prep Batch: 414841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.032		1.00	0.864		mg/L		83	75 - 125	6	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: LB4 320-412582/1-A ^10
Matrix: Solid
Analysis Batch: 414846

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0060	mg/L			09/22/20 21:18	10

Lab Sample ID: LCS 320-412582/2-A ^10
Matrix: Solid
Analysis Batch: 414846

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	4.00	3.72		mg/L		93	75 - 125

Eurofins TestAmerica, Pleasanton

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 720-99608-1 MS

Matrix: Solid

Analysis Batch: 414846

Client Sample ID: HA6-01

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	2.5		4.00	6.23		mg/L		93	75 - 125		

Lab Sample ID: 720-99608-1 MSD

Matrix: Solid

Analysis Batch: 414846

Client Sample ID: HA6-01

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	2.5		4.00	6.26		mg/L		94	75 - 125	1	20

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Metals

Leach Batch: 412581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-41	HA6-02	TCLP	Solid	1311	
LB 320-412581/1-C	Method Blank	TCLP	Solid	1311	
720-99608-41 MS	HA6-02	TCLP	Solid	1311	
720-99608-41 MSD	HA6-02	TCLP	Solid	1311	

Leach Batch: 412582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	STLC Citrate	Solid	CA WET Citrate	
720-99608-36	SP1-01	STLC Citrate	Solid	CA WET Citrate	
720-99608-41	HA6-02	STLC Citrate	Solid	CA WET Citrate	
LB4 320-412582/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-412582/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
720-99608-1 MS	HA6-01	STLC Citrate	Solid	CA WET Citrate	
720-99608-1 MSD	HA6-01	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 414841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-41	HA6-02	TCLP	Solid	3005A	412581
LB 320-412581/1-C	Method Blank	TCLP	Solid	3005A	412581
MB 320-414841/1-A	Method Blank	Total Recoverable	Solid	3005A	
LCS 320-414841/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	
720-99608-41 MS	HA6-02	TCLP	Solid	3005A	412581
720-99608-41 MSD	HA6-02	TCLP	Solid	3005A	412581

Analysis Batch: 414846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-1	HA6-01	STLC Citrate	Solid	6020	412582
720-99608-36	SP1-01	STLC Citrate	Solid	6020	412582
720-99608-41	HA6-02	STLC Citrate	Solid	6020	412582
LB4 320-412582/1-A ^10	Method Blank	STLC Citrate	Solid	6020	412582
LCS 320-412582/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6020	412582
720-99608-1 MS	HA6-01	STLC Citrate	Solid	6020	412582
720-99608-1 MSD	HA6-01	STLC Citrate	Solid	6020	412582

Analysis Batch: 417448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-41	HA6-02	TCLP	Solid	6020	414841
LB 320-412581/1-C	Method Blank	TCLP	Solid	6020	414841
MB 320-414841/1-A	Method Blank	Total Recoverable	Solid	6020	414841
LCS 320-414841/2-A	Lab Control Sample	Total Recoverable	Solid	6020	414841
720-99608-41 MS	HA6-02	TCLP	Solid	6020	414841
720-99608-41 MSD	HA6-02	TCLP	Solid	6020	414841

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Client Sample ID: HA6-01

Date Collected: 08/20/20 08:45

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.37 g	500 mL	412582	09/16/20 12:04	CF	TAL SAC
STLC Citrate	Analysis	6020		10			414846	09/22/20 21:38	DPM	TAL SAC

Client Sample ID: SP1-01

Date Collected: 08/20/20 15:10

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.36 g	500 mL	412582	09/16/20 12:04	CF	TAL SAC
STLC Citrate	Analysis	6020		10			414846	09/22/20 21:53	DPM	TAL SAC

Client Sample ID: HA6-02

Date Collected: 08/20/20 08:46

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.45 g	500 mL	412582	09/16/20 12:04	CF	TAL SAC
STLC Citrate	Analysis	6020		10			414846	09/22/20 21:57	DPM	TAL SAC
TCLP	Leach	1311			100.45 g	2000 mL	412581	09/16/20 14:55	CF	TAL SAC
TCLP	Prep	3005A			10 mL	50 mL	414841	09/23/20 07:00	NIM	TAL SAC
TCLP	Analysis	6020		1			417448	09/30/20 14:04	DPM	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL SAC
6020	TCLP Metals	SW846	TAL SAC
1311	TCLP Extraction	SW846	TAL SAC
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling_TCLP/STLC

Job ID: 720-99608-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-99608-1	HA6-01	Solid	08/20/20 08:45	08/21/20 12:15	
720-99608-36	SP1-01	Solid	08/20/20 15:10	08/21/20 12:15	
720-99608-41	HA6-02	Solid	08/20/20 08:46	08/21/20 12:15	

Smith, Micah

From: Tait, Laura <LTait@trccompanies.com>
Sent: Tuesday, September 15, 2020 10:36 AM
To: Smith, Micah
Subject: RE: [EXTERNAL] Eurofins TestAmerica EDD and report files from 720-99608-1 2590 Walsh - Soil Sampling

EXTERNAL EMAIL*

Hi Micah,

We are arranging for disposal of soil drums for this project and need a few analyses for soluble lead:

- HA6-01 (Lab ID 720-99608-1) – STLC
- SP1-01 (Lab ID 720-99608-36) – STLC
- HA6-02 (Lab ID 720-99608-41) – STLC & TCLP

Could you please complete these soluble analyses on a standard TAT? Let me know if you need any other information.

Thanks!

Laura Tait, GIT
Project Geologist



2300 Clayton Road, Suite 610, Concord, CA 94520
C 925.494.4385 | T 925.688.2494
[LinkedIn](#) | [Twitter](#) | [Blog](#) | [TRCcompanies.com](#)

From: Micah Smith <Micah.Smith@Eurofinset.com>
Sent: Wednesday, September 9, 2020 4:16 PM
To: Young, Glenn <GYoung@trccompanies.com>; Aikin, Nicole <NAikin@trccompanies.com>
Subject: [EXTERNAL] Eurofins TestAmerica EDD and report files from 720-99608-1 2590 Walsh - Soil Sampling

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Hello,

Attached please find the EDD and report files for job 720-99608-1; 2590 Walsh - Soil Sampling

Please feel free to contact me if you have any questions.



CHAIN OF CUSTODY RECORD

☐ Mountain View Office
1920 Old Middlefield Rd
Mountain View, CA 94043
Tel: 650.967.2365
Fax: 650.967.2785

☐ San Francisco
505 Sansome Street, Suite 1600
San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

720-99608

Concord

197019

(P)

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: gyoung@trccompanies.com
Sampler (print): N Berube
Sampler (signature): [Signature]

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: ☒ Soil ☐ Groundwater Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD



720-99608 Chain of Custody

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	EPA 8260B - Full List Gas w/ MTBE	TPH EPA 8015M* Diesel Motor Oil	Metals: ☐ Lead ☐ LUFT ☐ RCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol - Title 22 metals 6010	VOCs	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
HAG-01	8/20/20	0845		Soil	3	Yes	X	X						X	X	X			
HAG-1.5		0846					X	X						X	X	X			
HAG-3		0847																	X
HAG-4		0848																	X
HAG-5		0849																	X
SP-2-01		0920					X	X						X	X	X			
SP-2-2		0921					X	X						X	X	X			
SP-2-3		0922																	X
SP-2-4		0923																	X
SP-2-5		0924																	X

Inquired By: [Signature] Date: 8/21/2020Received By: [Signature] Date: 8/24/20 Time: 11:00

PM Initial:

Inquired By: A. Berube Date: 8/21/20 Time: 12:15Received By: [Signature] Date: 8/21/20 Time: 12:15

Inquired By: _____ Date: _____ Time: _____

Lab of Record: _____

Temp: _____

Received by Lab: _____ Date: _____ Time: _____

2.9, 2.5, 2.9 °C



☐ **San Francisco**
505 Sansome Street, Suite 1600
San Francisco, CA 94111
Tel: 415.434.2800
Fax: 415.434.2321

concord

197019

2

Project Name: 2590 Walsh Avenue				Job No.: 407444.2				P.O. #:				Turnaround Requirements ☐ 5 Working Days ☐ 72 Hours ☐ 24 Hours ☐ 2-3 Hours RUSH ☒ STANDARD																			
Report To: gyoung@tr.companies.com				Sampler (print): N Berube				Sampler (signature): [Signature]				Electronic Deliverable Format Required: ☒ YES ☐ NO				QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD															
Global ID #:				Sample Type: ☒ Soil ☐ Groundwater ☐ Soil Vapor																											
Sample I.D. (Field Point Name)		Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	☒ EPA 8260B - Full List ☒ Gas w/ ☒ MTBE ☒ TPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ RCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol T+1022 metal 6010	VOCs 8260	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive												
HA7-01		8/20/20	1030		Soil	3	Ice	☒					☒	☒		☒			X												
HA7-2			1031					X					X	X		X															
HA7-3			1032					X					X	X		X															
HA7-4			1033																												
HA7-5			1034																												
SP3-01			1130					X	X				X	X		X															
SP3-2			1131					X	X				X	X		X															
SP3-3			1132																												
SP3-4			1133																												
SP3-5			1134																												
Inquired By: [Signature]				Date: 8/24/2020				Received By: [Signature]				Date: 8/24/20 Time: 11:40				PM Initial:															
Inquired By: [Signature]				Date: 8/24/20 Time: 12:15				Received By: [Signature]				Date: 8/24/20 Time: 12:00																			
Inquired By:				Date:				Lab of Record:				Date:				Time:															
								Received by Lab:				Date:				Time:															

~~10/1/2020~~

Age Group	Number of People
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14



CHAIN OF CUSTODY RECORD

☐ Mountain View Office
1920 Old Middlefield Rd
Mountain View, CA 94043
Tel: 650.967.2365
Fax: 650.967.2785

☐ San Francisco
505 Sansome Street, Suite 1600
San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

concord

197019

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: gyoung@trccompanies.com
Sampler (print): N Berube
Sampler (signature): [Signature]

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: Soil Groundwater Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD

Page 19 of 22	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	☒ EPA 8260B - Full List ☒ Gas w/ ☒ MTBE	☒ TPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ PCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺⁺ (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol Title 22 Metals 6010 <u>vee</u> 8260	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
	HA8-01	8/20/20	1230		Soil	3	Ice	X	X					X	X	X			
	HA8-2		1231					X	X					X	X	X			
	HA8-3		1232																X
	HA8-4		1233																X
	HA8-5		1234																X
	SP4-01		1330					X	X					X	X	X			
	SP4-2		1331					X	X					X	X	X			
	SP4-3		1332																X
	SP4-4		1333																X
	SP4-5		1334																X

Relinquished By: [Signature] Date: 8/21/2020Received By: [Signature] Date: 8/21/20 Time: 11:00

PM Initial:

Relinquished By: A. Fisher Date: 8/21/20 Time: 12:00Received By: [Signature] Date: 8/21/20 Time: 12:00

Relinquished By: _____ Date: _____ Time: _____

Lab of Record: _____ Date: _____ Time: _____

Temp: _____

Received by Lab: _____ Date: _____ Time: _____



CHAIN OF CUSTODY RECORD

☐ Mountain View Office
1920 Old Middlefield Rd
Mountain View, CA 94043
Tel: 850.987.2365
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☐ San Francisco
505 Sansome Street, Suite 1600
San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

concord

197019

(W)

Project Name: 2590 Walsh Avenue			Turnaround Requirements ☐ 5 Working Days ☐ 72 Hours ☐ 24 Hours ☐ 2-3 Hours RUSH ☒ STANDARD			EPA 8260B - Full List ☒ Gas w/ ☒ MTBE ☒ TPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other Metals: ☐ Lead ☐ LUFT ☐ RORA TRPH (418.1) with silica gel column ☐ Ferrous Iron Fe⁺² (HACH 8146) ☐ Hexavalent Chromium (7199) 2-Propanol T14222 metals 6010 VOCs 8260 TO-15 Organochlorine Pesticides (8081) PCBs (8082) PAHs (8310) Archive																			
Job No.: 407444.2																									
Report To: gyoung@trccompanies.com																									
Sampler (print): N Berube																									
Sampler (signature): 			QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD																						
Electronic Deliverable Format Required: ☒ YES ☐ NO																									
IDF LOGCODE: ☐ TRCO																									
Global ID #:																									
Sample Type: Soil Groundwater Soil Vapor																									
Page 20 of 22	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?																		
	SPS-01	8/20/20	1430		Soil	3	Yes	☒	☒					☒	☒		☒								
	SPS-2		1431					☒	☒					☒	☒		☒								
	SPS-3		1432																		X				
	SPS-4		1433																		X				
	SPS-6		1434																		X				
	SP1-01		1510					☒	☒					☒	☒		☒								
	SP1-2		1511					☒	☒					☒	☒		☒								
	SP1-3		1512																		X				
	SP1-4		1513																		X				
	SP1-5		1514																		X				
Inquired By:						Date: 8/21/2020						Received By:						Date: 8/21/20 Time: 11:00						PM Initial:	
Inquired By: A Fisher						Date: 8/21/20 Time: 12:15						Received By:						Date: 8/21/20 Time: 12:15							
Inquired By:						Date:						Lab of Record:						Date:						Temp:	
												Received by Lab:						Date:						Time:	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-2

Login Number: 99608

List Number: 1

Creator: Arauz, Dennis

List Source: Eurofins TestAmerica, Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-2

Login Number: 99608

List Number: 2

Creator: Thompson, Sarah W

List Source: Eurofins TestAmerica, Sacramento

List Creation: 08/22/20 07:15 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1c cor 3.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

Laboratory Job ID: 720-99608-3

Client Project/Site: 2590 Walsh - Soil Sampling

For:

TRC Environmental Corporation
2300 Clayton Road
Suite 610
Concord, California 94520

Attn: Glenn Young



Authorized for release by:
11/12/2020 6:45:11 PM

Micah Smith, Project Manager II
(916)374-4302
Micah.Smith@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	20



Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Qualifiers

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.

Glossary

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

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Job ID: 720-99608-3

Laboratory: Eurofins TestAmerica, Pleasanton

Narrative

Job Narrative 720-99608-3

Comments

No additional comments.

Receipt

The samples were received on 8/21/2020 12:15 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.9° C and 2.9° C.

Receipt Exception

The following sample was listed on the Chain of Custody (COC); however, no sample was received: HA6-1.5 (720-99608-2). The lab did receive sample HA6-02 (720-99608-41) which was not listed on the COC. This sample was logged in for analysis as requested.

Metals

Method 6010B: The Leachate blank for preparation batch 320-426557 and analytical batch 320-427744 was above the reporting limit for Barium (Ba). As a result, the laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) to recovered outside control limits. The sample result for the analyte was 10x greater than what was found in the blank and is less than the action limit for Barium. Therefore, the data is being reported.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Client Sample ID: SP4-01

Lab Sample ID: 720-99608-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	6.9	* B	0.10	0.020	mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Client Sample ID: SP4-01

Date Collected: 08/20/20 13:30

Date Received: 08/21/20 12:15

Lab Sample ID: 720-99608-26

Matrix: Solid

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	6.9	* B	0.10	0.020	mg/L			11/02/20 12:14	10

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Method: 6010B - Metals (ICP)

Lab Sample ID: LB4 320-426557/1-A ^10

Matrix: Solid

Analysis Batch: 427744

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.283		0.10	0.020	mg/L			11/02/20 10:28	10

Lab Sample ID: LCS 320-426557/2-A ^10

Matrix: Solid

Analysis Batch: 427744

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.00	1.28	*	mg/L		128	75 - 125

Lab Sample ID: LCSD 320-426557/3-A ^10

Matrix: Solid

Analysis Batch: 427744

Client Sample ID: Lab Control Sample Dup

Prep Type: STLC Citrate

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	1.00	1.29	*	mg/L		129	75 - 125	1	20

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Metals

Leach Batch: 426557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-26	SP4-01	STLC Citrate	Solid	CA WET Citrate	
LB4 320-426557/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-426557/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-426557/3-A ^10	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 427744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-99608-26	SP4-01	STLC Citrate	Solid	6010B	426557
LB4 320-426557/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	426557
LCS 320-426557/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	426557
LCSD 320-426557/3-A ^10	Lab Control Sample Dup	STLC Citrate	Solid	6010B	426557

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Client Sample ID: SP4-01

Lab Sample ID: 720-99608-26

Date Collected: 08/20/20 13:30

Matrix: Solid

Date Received: 08/21/20 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.15 g	500 mL	426557	10/30/20 09:40	DPM	TAL SAC
STLC Citrate	Analysis	6010B		10			427744	11/02/20 12:14	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

1

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Method Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: 2590 Walsh - Soil Sampling

Job ID: 720-99608-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-99608-26	SP4-01	Solid	08/20/20 13:30	08/21/20 12:15	

Smith, Micah

From: Tait, Laura <LTait@trccompanies.com>
Sent: Wednesday, October 28, 2020 4:00 PM
To: Smith, Micah
Cc: Young, Glenn
Subject: RE: [EXTERNAL] Eurofins TestAmerica EDD and report files from 720-99608-1 2590 Walsh - Soil Sampling

EXTERNAL EMAIL*

Hi Micah,

Thank you for doing the first round of soluble analyses for this site. Per additional request by the disposal facility, could we please also have sample SP4-01 (Lab ID 720-99608-26) run for barium STLC? Let me know if you need any additional information.

Thanks!

Laura Tait, GIT
Project Geologist



2300 Clayton Road, Suite 610, Concord, CA 94520
C 925.494.4385 | T 925.688.2494
[LinkedIn](#) | [Twitter](#) | [Blog](#) | [TRCcompanies.com](#)

From: Tait, Laura
Sent: Tuesday, September 15, 2020 10:36 AM
To: Smith, Micah <Micah.Smith@Eurofinset.com>
Subject: RE: [EXTERNAL] Eurofins TestAmerica EDD and report files from 720-99608-1 2590 Walsh - Soil Sampling

Hi Micah,

We are arranging for disposal of soil drums for this project and need a few analyses for soluble lead:

- HA6-01 (Lab ID 720-99608-1) – STLC
- SP1-01 (Lab ID 720-99608-36) – STLC
- HA6-02 (Lab ID 720-99608-41) – STLC & TCLP

Could you please complete these soluble analyses on a standard TAT? Let me know if you need any other information.

Thanks!

Laura Tait, GIT
Project Geologist



2300 Clayton Road, Suite 610, Concord, CA 94520
C 925.494.4385 | T 925.688.2494
[LinkedIn](#) | [Twitter](#) | [Blog](#) | [TRCcompanies.com](#)

From: Micah Smith <Micah.Smith@Eurofinset.com>

Sent: Wednesday, September 9, 2020 4:16 PM

To: Young, Glenn <GYoung@trccompanies.com>; Aikin, Nicole <NAikin@trccompanies.com>

Subject: [EXTERNAL] Eurofins TestAmerica EDD and report files from 720-99608-1 2590 Walsh - Soil Sampling

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Hello,

Attached please find the EDD and report files for job 720-99608-1; 2590 Walsh - Soil Sampling

Please feel free to contact me if you have any questions.

Thank you.

Micah Smith

Project Manager

TestAmerica Laboratories, Inc.

Phone: 916-374-4302

E-mail: Micah.Smith@Eurofinset.com

www.eurofinsus.com/env



Reference: [720-335034]

Attachments: 2

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: [Project Feedback](#)

* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

- 1
- 2
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- 4
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- 12
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- 14



CHAIN OF CUSTODY RECORD

☐ Mountain View Office
1920 Old Middlefield Rd
Mountain View, CA 94043
Tel: 650.967.2365
Fax: 650.967.2785

☐ San Francisco
505 Sansome Street, Suite 1600
San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

720-99608

Concord

197019

(P)

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: gyoung@trccompanies.com
Sampler (print): N Berube
Sampler (signature): [Signature]

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: ☒ Soil ☐ Groundwater Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD



720-99608 Chain of Custody

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	EPA 8260B - Full List Gas w/ MTBE	TPH EPA 8015M* Diesel Motor Oil	Metals: ☐ Lead ☐ LUFT ☐ RCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol - Title 22 metals 6010	VOCs	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
HAG-01	8/20/20	0845		Soil	3	Exc	X	X						X	X	X			
HAG-1.5		0846					X	X						X	X	X			
HAG-3		0847																	X
HAG-4		0848																	X
HAG-5		0849																	X
SP-2-01		0920					X	X						X	X	X			
SP-2-2		0921					X	X						X	X	X			
SP-2-3		0922																	X
SP-2-4		0923																	X
SP-2-5		0924																	X

Inquired By: [Signature] Date: 8/21/2020Received By: [Signature] Date: 8/24/20 Time: 11:00

PM Initial:

Inquired By: A. Berube Date: 8/21/20 Time: 12:15Received By: [Signature] Date: 8/21/20 Time: 12:15

Inquired By: _____ Date: _____ Time: _____

Lab of Record: _____

Temp:

Received by Lab: _____ Date: _____ Time: _____

2.9, 2.5, 2.9 °C

12/2/2020





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San Francisco, CA 94111
Tel: 415.434.2600
Fax: 415.434.2321

concord

197019

(2)

Project Name: 2590 Walsh Avenue			Job No.: 407444.2			P.O. #:			Report To: gyoung@trccompanies.com			Sampler (print): N Berube			Sampler (signature): [Signature]			Turnaround Requirements ☐ 5 Working Days ☐ 72 Hours ☐ 24 Hours ☐ 2-3 Hours RUSH ☒ STANDARD			QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD EPA 8260B - Full List ☒ Gas w/ MTBE ☒ TPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other Metals: ☐ Lead ☐ LUFT ☐ RCRA TRPH (418.1) with silica gel column ☐ Ferrous Iron Fe⁺² (HACH 8146) ☐ Hexavalent Chromium (7199) 2-Propanol VOCs TO-15 Organochlorine Pesticides (8081) PCBs (8082) PAHs (8310) Archives											
Electronic Deliverable Format Required: ☒ YES ☐ NO			DF LOGCODE: ☐ TRCO			Global ID #:			Sample Type: ☒ Soil Groundwater Soil Vapor																							
Page 17 of 21	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?																									
	HA7-01	8/20/20	1030		Soil	3	Ice																									
	HA7-2		1031																													
	HA7-3		1032																													
	HA7-4		1033																													
	HA7-5		1034																													
	SP3-01		1130																													
	SP3-2		1131																													
	SP3-3		1132																													
	SP3-4		1133																													
	SP3-5		1134																													
Inquired By: [Signature]								Date: 8/24/2020								Received By: [Signature]								Date: 8/24/20 Time: 11:20 PM Initial:								
Inquired By: A. [Signature]								Date: 8/24/20 Time: 12:15								Received By: [Signature]								Date: 8/24/20 Time: 12:00								
Inquired By:								Date:								Lab of Record:								Temp:								
																Received by Lab:								Date: Time:								



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concord

197019

Project Name: 2590 Walsh Avenue
Job No.: 407444.2 P.O. #:
Report To: gyoung@trccompanies.com
Sampler (print): N Berube
Sampler (signature): [Signature]

Electronic Deliverable Format Required: ☒ YES ☐ NODE LOGCODE: ☐ TRCO

Global ID #:

Sample Type: ☒ Soil ☐ Groundwater ☐ Soil Vapor

Turnaround Requirements

- ☐ 5 Working Days
☐ 72 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☒ STANDARD

QC Requirement:

- ☐ Level IV
☐ EDF
☒ Excel/EDD

Page 18 of 21	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	☒ EPA 8260B - Full List ☒ Gas w/ ☒ MTBE	☒ TPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ PCRA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺⁺ (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol Title 22 Metals 6010 VOCs 8260	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive
	HA8-01	8/20/20	1230		Soil	3	Ice	X	X					X	X	X			
	HA8-2		1231					X	X					X	X	X			
	HA8-3		1232																X
	HA8-4		1233																X
	HA8-5		1234																X
	SP4-01		1330					X	X					X	X	X			
	SP4-2		1331					X	X					X	X	X			
	SP4-3		1332																X
	SP4-4		1333																X
	SP4-5		1334																X

Inquished By: [Signature] Date: 8/21/2020Inquished By: A. Fisher EDA PI Date: 8/21/20 Time: 12:05

Inquished By: _____ Date: _____ Time: _____

Received By: [Signature] EDA PI Date: 8/21/20 Time: 11:00Received By: [Signature] Date: 8/21/20 Time: 12:00

Lab of Record: _____ Date: _____ Time: _____

Received by Lab: _____ Date: _____ Time: _____

PM Initial:

Temp:



CHAIN OF CUSTODY RECORD

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San Francisco, CA 94111
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Fax: 415.434.2321

concord

197019

(W)

Project Name: 2590 Walsh Avenue			Turnaround Requirements																			
Job No.: 407444.2			☐ 5 Working Days																			
Report To: gyoung@trccompanies.com			☐ 72 Hours																			
Sampler (print): N Berube			☐ 24 Hours																			
Sampler (signature): 			☐ 2-3 Hours RUSH																			
Electronic Deliverable Format Required: ☒ YES ☐ NO			☒ STANDARD																			
DF LOGCODE: ☐ TRCO			QC Requirement: ☐ Level IV ☐ EDF ☒ Excel/EDD																			
Global ID #:																						
Sample Type: Soil Groundwater Soil Vapor																						
Page 19 of 21	Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont	Preserved?	☒ EPA 8260B - Full List ☒ Gas w/ ☒ MTBE	☒ TPH ☒ EPA 8015M* ☒ Diesel	☐ Silica Gel ☐ Motor Oil ☐ Other	Metals: ☐ Lead ☐ LUFT ☐ RORA	TRPH (418.1) with silica gel column	☐ Ferrous Iron Fe ⁺² (HACH 8146)	☐ Hexavalent Chromium (7199)	2-Propanol 7/12/22 metals 6010	VOCs 8260	TO-15	Organochlorine Pesticides (8081)	PCBs (8082)	PAHs (8310)	Archive	
	SPS-01	8/20/20	1430		Soil	3	Yes	X	X							X	X		X			
	SPS-2		1431					X	X							X	X		X			
	SPS-3		1432																			X
	SPS-4		1433																			X
	SPS-6		1434																			X
	SP1-01		1510					X	X							X	X		X			
	SP1-2		1511					X	X							X	X		X			
	SP1-3		1512																			X
	SP1-4		1513																			X
	SP1-5		1514																			X
Relinquished By:			Date: 8/21/2020			Received By:			Date: 8/21/20 Time: 11:00			PM Initial:										
Relinquished By: A Fisher			Date: 8/21/20 Time: 12:15			Received By:			Date: 8/21/20 Time: 12:15			Temp:										
Relinquished By:			Date:			Lab of Record:			Date:			Time:										
						Received by Lab:			Date:			Time:										

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-3

Login Number: 99608

List Number: 1

Creator: Arauz, Dennis

List Source: Eurofins TestAmerica, Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 720-99608-3

Login Number: 99608

List Number: 2

Creator: Thompson, Sarah W

List Source: Eurofins TestAmerica, Sacramento

List Creation: 08/22/20 07:15 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1c cor 3.6c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

12/9/2020

Ms. Laura Tait

TRC Companies, Inc.

2300 Clayton Rd.

Suite 610

Concord CA 94520

Project Name: 2590 Walsh Ave.

Project #: 407444

Workorder #: 2011565A

Dear Ms. Laura Tait

The following report includes the data for the above referenced project for sample(s) received on 11/24/2020 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2011565A

Work Order Summary

CLIENT: Ms. Laura Tait
TRC Companies, Inc.
2300 Clayton Rd.
Suite 610
Concord, CA 94520

BILL TO: Accounts Payable
TRC Companies, Inc.
2300 Clayton Rd.
Suite 610
Concord, CA 94520

PHONE: 925-688-1200

P.O. # 160200

FAX: 925-688-1200

PROJECT # 407444 2590 Walsh Ave.

DATE RECEIVED: 11/24/2020

CONTACT: Jade White

DATE COMPLETED: 12/09/2020

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SP1	Modified TO-15	5.9 "Hg	14.9 psi
02A	SP5	Modified TO-15	5.3 "Hg	14.9 psi
03A	SP4	Modified TO-15	5.9 "Hg	14.9 psi
04A	SP3	Modified TO-15	6.1 "Hg	14.8 psi
05A	SP2	Modified TO-15	6.9 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/09/20

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209220, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-20-16, UT NELAP – CA009332020-12, VA NELAP - 10615, WA NELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005-014, Effective date: 10/18/2020, Expiration date: 10/17/2021.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

LABORATORY NARRATIVE
Modified TO-15
TRC Companies, Inc.
Workorder# 2011565A

Five 1 Liter Summa Canister (100% Certified) samples were received on November 24, 2020. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	<=30% RSD with 2 compounds allowed out to < 40% RSD	<=30% RSD with 4 compounds allowed out to < 40% RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SP1

Lab ID#: 2011565A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	2.5	6.6	6.0	16
2-Propanol	1.2	3.2	3.1	7.9

Client Sample ID: SP5

Lab ID#: 2011565A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	1.2	2.7	2.3	5.0
Acetone	2.4	2.8	5.8	6.7
2-Propanol	1.2	2.9	3.0	7.1
Chloroform	0.24	0.81	1.2	4.0
1,1,1-Trichloroethane	0.24	0.70	1.3	3.8

Client Sample ID: SP4

Lab ID#: 2011565A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	1.2	9.1	2.4	17
2-Propanol	1.2	3.1	3.1	7.6
Chloroform	0.25	5.3	1.2	26
1,1,1-Trichloroethane	0.25	0.48	1.4	2.6

Client Sample ID: SP3

Lab ID#: 2011565A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 113	0.25	3.3	1.9	26
Acetone	2.5	2.9	6.0	6.8
2-Propanol	1.3	1.4	3.1	3.4
Chloroform	0.25	0.51	1.2	2.5
1,1,1-Trichloroethane	0.25	2.2	1.4	12

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SP2

Lab ID#: 2011565A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	2.6	3.2	6.2	7.5
2-Propanol	1.3	2.8	3.2	6.9
Chloroform	0.26	1.9	1.3	9.2
Trichloroethene	0.26	0.27	1.4	1.4
Tetrachloroethene	0.26	1.9	1.8	13



Air Toxics

Client Sample ID: SP1

Lab ID#: 2011565A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120316	Date of Collection:	11/23/20 8:51:00 AM
Dil. Factor:	2.51	Date of Analysis:	12/3/20 07:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.2	Not Detected
Freon 114	0.25	Not Detected	1.8	Not Detected
Chloromethane	1.2	Not Detected	2.6	Not Detected
Vinyl Chloride	0.25	Not Detected	0.64	Not Detected
1,3-Butadiene	0.25	Not Detected	0.56	Not Detected
Bromomethane	1.2	Not Detected	4.9	Not Detected
Chloroethane	1.2	Not Detected	3.3	Not Detected
Freon 11	0.25	Not Detected	1.4	Not Detected
Ethanol	1.2	Not Detected	2.4	Not Detected
Freon 113	0.25	Not Detected	1.9	Not Detected
1,1-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Acetone	2.5	6.6	6.0	16
2-Propanol	1.2	3.2	3.1	7.9
Carbon Disulfide	1.2	Not Detected	3.9	Not Detected
3-Chloropropene	1.2	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.25	Not Detected	0.90	Not Detected
trans-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Hexane	1.2	Not Detected	4.4	Not Detected
1,1-Dichloroethane	0.25	Not Detected	1.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	Not Detected	3.7	Not Detected
cis-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.7	Not Detected
Chloroform	0.25	Not Detected	1.2	Not Detected
1,1,1-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Cyclohexane	1.2	Not Detected	4.3	Not Detected
Carbon Tetrachloride	0.25	Not Detected	1.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.9	Not Detected
Benzene	0.25	Not Detected	0.80	Not Detected
1,2-Dichloroethane	0.25	Not Detected	1.0	Not Detected
Heptane	1.2	Not Detected	5.1	Not Detected
Trichloroethene	0.25	Not Detected	1.3	Not Detected
1,2-Dichloropropane	0.25	Not Detected	1.2	Not Detected
1,4-Dioxane	0.25	Not Detected	0.90	Not Detected
Bromodichloromethane	0.25	Not Detected	1.7	Not Detected
cis-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
4-Methyl-2-pentanone	0.25	Not Detected	1.0	Not Detected
Toluene	0.25	Not Detected	0.94	Not Detected
trans-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
1,1,2-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Tetrachloroethene	0.25	Not Detected	1.7	Not Detected
2-Hexanone	1.2	Not Detected	5.1	Not Detected



Air Toxics

Client Sample ID: SP1

Lab ID#: 2011565A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120316	Date of Collection:	11/23/20 8:51:00 AM
Dil. Factor:	2.51	Date of Analysis:	12/3/20 07:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.25	Not Detected	2.1	Not Detected
1,2-Dibromoethane (EDB)	0.25	Not Detected	1.9	Not Detected
Chlorobenzene	0.25	Not Detected	1.2	Not Detected
Ethyl Benzene	0.25	Not Detected	1.1	Not Detected
m,p-Xylene	0.25	Not Detected	1.1	Not Detected
o-Xylene	0.25	Not Detected	1.1	Not Detected
Styrene	0.25	Not Detected	1.1	Not Detected
Bromoform	0.25	Not Detected	2.6	Not Detected
Cumene	0.25	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.25	Not Detected	1.7	Not Detected
Propylbenzene	0.25	Not Detected	1.2	Not Detected
4-Ethyltoluene	0.25	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,2,4-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,3-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,4-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
alpha-Chlorotoluene	0.25	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,2,4-Trichlorobenzene	1.2	Not Detected	9.3	Not Detected
Hexachlorobutadiene	1.2	Not Detected	13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: SP5

Lab ID#: 2011565A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120317	Date of Collection:	11/23/20 10:01:00 A
Dil. Factor:	2.45	Date of Analysis:	12/3/20 07:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	0.24	Not Detected	1.7	Not Detected
Chloromethane	1.2	Not Detected	2.5	Not Detected
Vinyl Chloride	0.24	Not Detected	0.63	Not Detected
1,3-Butadiene	0.24	Not Detected	0.54	Not Detected
Bromomethane	1.2	Not Detected	4.8	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
Freon 11	0.24	Not Detected	1.4	Not Detected
Ethanol	1.2	2.7	2.3	5.0
Freon 113	0.24	Not Detected	1.9	Not Detected
1,1-Dichloroethene	0.24	Not Detected	0.97	Not Detected
Acetone	2.4	2.8	5.8	6.7
2-Propanol	1.2	2.9	3.0	7.1
Carbon Disulfide	1.2	Not Detected	3.8	Not Detected
3-Chloropropene	1.2	Not Detected	3.8	Not Detected
Methylene Chloride	0.49	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.24	Not Detected	0.88	Not Detected
trans-1,2-Dichloroethene	0.24	Not Detected	0.97	Not Detected
Hexane	1.2	Not Detected	4.3	Not Detected
1,1-Dichloroethane	0.24	Not Detected	0.99	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	Not Detected	3.6	Not Detected
cis-1,2-Dichloroethene	0.24	Not Detected	0.97	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
Chloroform	0.24	0.81	1.2	4.0
1,1,1-Trichloroethane	0.24	0.70	1.3	3.8
Cyclohexane	1.2	Not Detected	4.2	Not Detected
Carbon Tetrachloride	0.24	Not Detected	1.5	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.7	Not Detected
Benzene	0.24	Not Detected	0.78	Not Detected
1,2-Dichloroethane	0.24	Not Detected	0.99	Not Detected
Heptane	1.2	Not Detected	5.0	Not Detected
Trichloroethene	0.24	Not Detected	1.3	Not Detected
1,2-Dichloropropane	0.24	Not Detected	1.1	Not Detected
1,4-Dioxane	0.24	Not Detected	0.88	Not Detected
Bromodichloromethane	0.24	Not Detected	1.6	Not Detected
cis-1,3-Dichloropropene	0.24	Not Detected	1.1	Not Detected
4-Methyl-2-pentanone	0.24	Not Detected	1.0	Not Detected
Toluene	0.24	Not Detected	0.92	Not Detected
trans-1,3-Dichloropropene	0.24	Not Detected	1.1	Not Detected
1,1,2-Trichloroethane	0.24	Not Detected	1.3	Not Detected
Tetrachloroethene	0.24	Not Detected	1.7	Not Detected
2-Hexanone	1.2	Not Detected	5.0	Not Detected



Air Toxics

Client Sample ID: SP5

Lab ID#: 2011565A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120317	Date of Collection:	11/23/20 10:01:00 A
Dil. Factor:	2.45	Date of Analysis:	12/3/20 07:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.24	Not Detected	2.1	Not Detected
1,2-Dibromoethane (EDB)	0.24	Not Detected	1.9	Not Detected
Chlorobenzene	0.24	Not Detected	1.1	Not Detected
Ethyl Benzene	0.24	Not Detected	1.1	Not Detected
m,p-Xylene	0.24	Not Detected	1.1	Not Detected
o-Xylene	0.24	Not Detected	1.1	Not Detected
Styrene	0.24	Not Detected	1.0	Not Detected
Bromoform	0.24	Not Detected	2.5	Not Detected
Cumene	0.24	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.24	Not Detected	1.7	Not Detected
Propylbenzene	0.24	Not Detected	1.2	Not Detected
4-Ethyltoluene	0.24	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.24	Not Detected	1.2	Not Detected
1,2,4-Trimethylbenzene	0.24	Not Detected	1.2	Not Detected
1,3-Dichlorobenzene	0.24	Not Detected	1.5	Not Detected
1,4-Dichlorobenzene	0.24	Not Detected	1.5	Not Detected
alpha-Chlorotoluene	0.24	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.24	Not Detected	1.5	Not Detected
1,2,4-Trichlorobenzene	1.2	Not Detected	9.1	Not Detected
Hexachlorobutadiene	1.2	Not Detected	13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: SP4

Lab ID#: 2011565A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120318	Date of Collection:	11/23/20 10:56:00 A
Dil. Factor:	2.51	Date of Analysis:	12/3/20 08:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.2	Not Detected
Freon 114	0.25	Not Detected	1.8	Not Detected
Chloromethane	1.2	Not Detected	2.6	Not Detected
Vinyl Chloride	0.25	Not Detected	0.64	Not Detected
1,3-Butadiene	0.25	Not Detected	0.56	Not Detected
Bromomethane	1.2	Not Detected	4.9	Not Detected
Chloroethane	1.2	Not Detected	3.3	Not Detected
Freon 11	0.25	Not Detected	1.4	Not Detected
Ethanol	1.2	9.1	2.4	17
Freon 113	0.25	Not Detected	1.9	Not Detected
1,1-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Acetone	2.5	Not Detected	6.0	Not Detected
2-Propanol	1.2	3.1	3.1	7.6
Carbon Disulfide	1.2	Not Detected	3.9	Not Detected
3-Chloropropene	1.2	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.25	Not Detected	0.90	Not Detected
trans-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Hexane	1.2	Not Detected	4.4	Not Detected
1,1-Dichloroethane	0.25	Not Detected	1.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	Not Detected	3.7	Not Detected
cis-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.7	Not Detected
Chloroform	0.25	5.3	1.2	26
1,1,1-Trichloroethane	0.25	0.48	1.4	2.6
Cyclohexane	1.2	Not Detected	4.3	Not Detected
Carbon Tetrachloride	0.25	Not Detected	1.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.9	Not Detected
Benzene	0.25	Not Detected	0.80	Not Detected
1,2-Dichloroethane	0.25	Not Detected	1.0	Not Detected
Heptane	1.2	Not Detected	5.1	Not Detected
Trichloroethene	0.25	Not Detected	1.3	Not Detected
1,2-Dichloropropane	0.25	Not Detected	1.2	Not Detected
1,4-Dioxane	0.25	Not Detected	0.90	Not Detected
Bromodichloromethane	0.25	Not Detected	1.7	Not Detected
cis-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
4-Methyl-2-pentanone	0.25	Not Detected	1.0	Not Detected
Toluene	0.25	Not Detected	0.94	Not Detected
trans-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
1,1,2-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Tetrachloroethene	0.25	Not Detected	1.7	Not Detected
2-Hexanone	1.2	Not Detected	5.1	Not Detected



Air Toxics

Client Sample ID: SP4

Lab ID#: 2011565A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120318	Date of Collection:	11/23/20 10:56:00 A
Dil. Factor:	2.51	Date of Analysis:	12/3/20 08:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.25	Not Detected	2.1	Not Detected
1,2-Dibromoethane (EDB)	0.25	Not Detected	1.9	Not Detected
Chlorobenzene	0.25	Not Detected	1.2	Not Detected
Ethyl Benzene	0.25	Not Detected	1.1	Not Detected
m,p-Xylene	0.25	Not Detected	1.1	Not Detected
o-Xylene	0.25	Not Detected	1.1	Not Detected
Styrene	0.25	Not Detected	1.1	Not Detected
Bromoform	0.25	Not Detected	2.6	Not Detected
Cumene	0.25	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.25	Not Detected	1.7	Not Detected
Propylbenzene	0.25	Not Detected	1.2	Not Detected
4-Ethyltoluene	0.25	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,2,4-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,3-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,4-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
alpha-Chlorotoluene	0.25	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,2,4-Trichlorobenzene	1.2	Not Detected	9.3	Not Detected
Hexachlorobutadiene	1.2	Not Detected	13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: SP3

Lab ID#: 2011565A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120321	Date of Collection:	11/23/20 11:55:00 A
Dil. Factor:	2.52	Date of Analysis:	12/3/20 10:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	Not Detected	6.2	Not Detected
Freon 114	0.25	Not Detected	1.8	Not Detected
Chloromethane	1.3	Not Detected	2.6	Not Detected
Vinyl Chloride	0.25	Not Detected	0.64	Not Detected
1,3-Butadiene	0.25	Not Detected	0.56	Not Detected
Bromomethane	1.3	Not Detected	4.9	Not Detected
Chloroethane	1.3	Not Detected	3.3	Not Detected
Freon 11	0.25	Not Detected	1.4	Not Detected
Ethanol	1.3	Not Detected	2.4	Not Detected
Freon 113	0.25	3.3	1.9	26
1,1-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Acetone	2.5	2.9	6.0	6.8
2-Propanol	1.3	1.4	3.1	3.4
Carbon Disulfide	1.3	Not Detected	3.9	Not Detected
3-Chloropropene	1.3	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.25	Not Detected	0.91	Not Detected
trans-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Hexane	1.3	Not Detected	4.4	Not Detected
1,1-Dichloroethane	0.25	Not Detected	1.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.3	Not Detected	3.7	Not Detected
cis-1,2-Dichloroethene	0.25	Not Detected	1.0	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.7	Not Detected
Chloroform	0.25	0.51	1.2	2.5
1,1,1-Trichloroethane	0.25	2.2	1.4	12
Cyclohexane	1.3	Not Detected	4.3	Not Detected
Carbon Tetrachloride	0.25	Not Detected	1.6	Not Detected
2,2,4-Trimethylpentane	1.3	Not Detected	5.9	Not Detected
Benzene	0.25	Not Detected	0.80	Not Detected
1,2-Dichloroethane	0.25	Not Detected	1.0	Not Detected
Heptane	1.3	Not Detected	5.2	Not Detected
Trichloroethene	0.25	Not Detected	1.4	Not Detected
1,2-Dichloropropane	0.25	Not Detected	1.2	Not Detected
1,4-Dioxane	0.25	Not Detected	0.91	Not Detected
Bromodichloromethane	0.25	Not Detected	1.7	Not Detected
cis-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
4-Methyl-2-pentanone	0.25	Not Detected	1.0	Not Detected
Toluene	0.25	Not Detected	0.95	Not Detected
trans-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
1,1,2-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Tetrachloroethene	0.25	Not Detected	1.7	Not Detected
2-Hexanone	1.3	Not Detected	5.2	Not Detected



Air Toxics

Client Sample ID: SP3

Lab ID#: 2011565A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120321	Date of Collection:	11/23/20 11:55:00 A
Dil. Factor:	2.52	Date of Analysis:	12/3/20 10:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.25	Not Detected	2.1	Not Detected
1,2-Dibromoethane (EDB)	0.25	Not Detected	1.9	Not Detected
Chlorobenzene	0.25	Not Detected	1.2	Not Detected
Ethyl Benzene	0.25	Not Detected	1.1	Not Detected
m,p-Xylene	0.25	Not Detected	1.1	Not Detected
o-Xylene	0.25	Not Detected	1.1	Not Detected
Styrene	0.25	Not Detected	1.1	Not Detected
Bromoform	0.25	Not Detected	2.6	Not Detected
Cumene	0.25	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.25	Not Detected	1.7	Not Detected
Propylbenzene	0.25	Not Detected	1.2	Not Detected
4-Ethyltoluene	0.25	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,2,4-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,3-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,4-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
alpha-Chlorotoluene	0.25	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,2,4-Trichlorobenzene	1.3	Not Detected	9.4	Not Detected
Hexachlorobutadiene	1.3	Not Detected	13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	127	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: SP2

Lab ID#: 2011565A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120320	Date of Collection:	11/23/20 12:58:00 P
Dil. Factor:	2.63	Date of Analysis:	12/3/20 09:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	Not Detected	6.5	Not Detected
Freon 114	0.26	Not Detected	1.8	Not Detected
Chloromethane	1.3	Not Detected	2.7	Not Detected
Vinyl Chloride	0.26	Not Detected	0.67	Not Detected
1,3-Butadiene	0.26	Not Detected	0.58	Not Detected
Bromomethane	1.3	Not Detected	5.1	Not Detected
Chloroethane	1.3	Not Detected	3.5	Not Detected
Freon 11	0.26	Not Detected	1.5	Not Detected
Ethanol	1.3	Not Detected	2.5	Not Detected
Freon 113	0.26	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.26	Not Detected	1.0	Not Detected
Acetone	2.6	3.2	6.2	7.5
2-Propanol	1.3	2.8	3.2	6.9
Carbon Disulfide	1.3	Not Detected	4.1	Not Detected
3-Chloropropene	1.3	Not Detected	4.1	Not Detected
Methylene Chloride	0.53	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.26	Not Detected	0.95	Not Detected
trans-1,2-Dichloroethene	0.26	Not Detected	1.0	Not Detected
Hexane	1.3	Not Detected	4.6	Not Detected
1,1-Dichloroethane	0.26	Not Detected	1.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.3	Not Detected	3.9	Not Detected
cis-1,2-Dichloroethene	0.26	Not Detected	1.0	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.9	Not Detected
Chloroform	0.26	1.9	1.3	9.2
1,1,1-Trichloroethane	0.26	Not Detected	1.4	Not Detected
Cyclohexane	1.3	Not Detected	4.5	Not Detected
Carbon Tetrachloride	0.26	Not Detected	1.6	Not Detected
2,2,4-Trimethylpentane	1.3	Not Detected	6.1	Not Detected
Benzene	0.26	Not Detected	0.84	Not Detected
1,2-Dichloroethane	0.26	Not Detected	1.1	Not Detected
Heptane	1.3	Not Detected	5.4	Not Detected
Trichloroethene	0.26	0.27	1.4	1.4
1,2-Dichloropropane	0.26	Not Detected	1.2	Not Detected
1,4-Dioxane	0.26	Not Detected	0.95	Not Detected
Bromodichloromethane	0.26	Not Detected	1.8	Not Detected
cis-1,3-Dichloropropene	0.26	Not Detected	1.2	Not Detected
4-Methyl-2-pentanone	0.26	Not Detected	1.1	Not Detected
Toluene	0.26	Not Detected	0.99	Not Detected
trans-1,3-Dichloropropene	0.26	Not Detected	1.2	Not Detected
1,1,2-Trichloroethane	0.26	Not Detected	1.4	Not Detected
Tetrachloroethene	0.26	1.9	1.8	13
2-Hexanone	1.3	Not Detected	5.4	Not Detected



Air Toxics

Client Sample ID: SP2

Lab ID#: 2011565A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120320	Date of Collection:	11/23/20 12:58:00 P
Dil. Factor:	2.63	Date of Analysis:	12/3/20 09:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.26	Not Detected	2.2	Not Detected
1,2-Dibromoethane (EDB)	0.26	Not Detected	2.0	Not Detected
Chlorobenzene	0.26	Not Detected	1.2	Not Detected
Ethyl Benzene	0.26	Not Detected	1.1	Not Detected
m,p-Xylene	0.26	Not Detected	1.1	Not Detected
o-Xylene	0.26	Not Detected	1.1	Not Detected
Styrene	0.26	Not Detected	1.1	Not Detected
Bromoform	0.26	Not Detected	2.7	Not Detected
Cumene	0.26	Not Detected	1.3	Not Detected
1,1,2,2-Tetrachloroethane	0.26	Not Detected	1.8	Not Detected
Propylbenzene	0.26	Not Detected	1.3	Not Detected
4-Ethyltoluene	0.26	Not Detected	1.3	Not Detected
1,3,5-Trimethylbenzene	0.26	Not Detected	1.3	Not Detected
1,2,4-Trimethylbenzene	0.26	Not Detected	1.3	Not Detected
1,3-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
1,4-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
alpha-Chlorotoluene	0.26	Not Detected	1.4	Not Detected
1,2-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
1,2,4-Trichlorobenzene	1.3	Not Detected	9.8	Not Detected
Hexachlorobutadiene	1.3	Not Detected	14	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: Lab Blank

Lab ID#: 2011565A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120312	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	1.0	Not Detected	2.4	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 2011565A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120312	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 2011565A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 09:58 AM

Compound	%Recovery
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Freon 12	95
Freon 114	90
Chloromethane	95
Vinyl Chloride	94
1,3-Butadiene	95
Bromomethane	101
Chloroethane	97
Freon 11	100
Ethanol	90
Freon 113	89
1,1-Dichloroethene	93
Acetone	86
2-Propanol	79
Carbon Disulfide	102
3-Chloropropene	86
Methylene Chloride	89
Methyl tert-butyl ether	99
trans-1,2-Dichloroethene	93
Hexane	97
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	95
Tetrahydrofuran	97
Chloroform	98
1,1,1-Trichloroethane	101
Cyclohexane	96
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	102
Benzene	110
1,2-Dichloroethane	111
Heptane	110
Trichloroethene	98
1,2-Dichloropropane	105
1,4-Dioxane	99
Bromodichloromethane	99
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	98
Toluene	106
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	93
Tetrachloroethene	87
2-Hexanone	86



Air Toxics

Client Sample ID: CCV

Lab ID#: 2011565A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 09:58 AM

Compound	%Recovery
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Dibromochloromethane	88
1,2-Dibromoethane (EDB)	88
Chlorobenzene	96
Ethyl Benzene	98
m,p-Xylene	100
o-Xylene	90
Styrene	93
Bromoform	91
Cumene	95
1,1,2,2-Tetrachloroethane	95
Propylbenzene	98
4-Ethyltoluene	87
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	95
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	92
1,2,4-Trichlorobenzene	79
Hexachlorobutadiene	83

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 2011565A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 11:14 AM

Compound	%Recovery	Method Limits
Freon 12	99	70-130
Freon 114	94	70-130
Chloromethane	104	70-130
Vinyl Chloride	96	70-130
1,3-Butadiene	100	70-130
Bromomethane	96	70-130
Chloroethane	100	70-130
Freon 11	102	70-130
Ethanol	79	70-130
Freon 113	93	70-130
1,1-Dichloroethene	96	70-130
Acetone	86	70-130
2-Propanol	88	70-130
Carbon Disulfide	102	70-130
3-Chloropropene	111	70-130
Methylene Chloride	90	70-130
Methyl tert-butyl ether	105	70-130
trans-1,2-Dichloroethene	95	70-130
Hexane	100	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	106	70-130
cis-1,2-Dichloroethene	97	70-130
Tetrahydrofuran	100	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	101	70-130
Cyclohexane	99	70-130
Carbon Tetrachloride	70	70-130
2,2,4-Trimethylpentane	100	70-130
Benzene	106	70-130
1,2-Dichloroethane	108	70-130
Heptane	108	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	104	70-130
1,4-Dioxane	99	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	104	70-130
4-Methyl-2-pentanone	99	70-130
Toluene	101	70-130
trans-1,3-Dichloropropene	103	70-130
1,1,2-Trichloroethane	96	70-130
Tetrachloroethene	90	70-130
2-Hexanone	95	70-130

Client Sample ID: LCS

Lab ID#: 2011565A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 11:14 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	92	70-130
1,2-Dibromoethane (EDB)	93	70-130
Chlorobenzene	98	70-130
Ethyl Benzene	100	70-130
m,p-Xylene	101	70-130
o-Xylene	96	70-130
Styrene	95	70-130
Bromoform	88	70-130
Cumene	94	70-130
1,1,2,2-Tetrachloroethane	96	70-130
Propylbenzene	98	70-130
4-Ethyltoluene	88	70-130
1,3,5-Trimethylbenzene	100	70-130
1,2,4-Trimethylbenzene	92	70-130
1,3-Dichlorobenzene	88	70-130
1,4-Dichlorobenzene	90	70-130
alpha-Chlorotoluene	109	70-130
1,2-Dichlorobenzene	89	70-130
1,2,4-Trichlorobenzene	86	70-130
Hexachlorobutadiene	77	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	112	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2011565A-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 21120306
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/3/20 12:06 PM

Compound	%Recovery	Method Limits
Freon 12	93	70-130
Freon 114	87	70-130
Chloromethane	95	70-130
Vinyl Chloride	91	70-130
1,3-Butadiene	95	70-130
Bromomethane	91	70-130
Chloroethane	96	70-130
Freon 11	95	70-130
Ethanol	77	70-130
Freon 113	85	70-130
1,1-Dichloroethene	90	70-130
Acetone	82	70-130
2-Propanol	84	70-130
Carbon Disulfide	96	70-130
3-Chloropropene	104	70-130
Methylene Chloride	85	70-130
Methyl tert-butyl ether	100	70-130
trans-1,2-Dichloroethene	88	70-130
Hexane	96	70-130
1,1-Dichloroethane	98	70-130
2-Butanone (Methyl Ethyl Ketone)	101	70-130
cis-1,2-Dichloroethene	92	70-130
Tetrahydrofuran	95	70-130
Chloroform	94	70-130
1,1,1-Trichloroethane	93	70-130
Cyclohexane	92	70-130
Carbon Tetrachloride	66 Q	70-130
2,2,4-Trimethylpentane	97	70-130
Benzene	106	70-130
1,2-Dichloroethane	106	70-130
Heptane	108	70-130
Trichloroethene	91	70-130
1,2-Dichloropropane	102	70-130
1,4-Dioxane	97	70-130
Bromodichloromethane	96	70-130
cis-1,3-Dichloropropene	103	70-130
4-Methyl-2-pentanone	98	70-130
Toluene	102	70-130
trans-1,3-Dichloropropene	100	70-130
1,1,2-Trichloroethane	91	70-130
Tetrachloroethene	90	70-130
2-Hexanone	92	70-130

Client Sample ID: LCSD

Lab ID#: 2011565A-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	21120306	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/20 12:06 PM

Compound	%Recovery	Method Limits
Dibromochloromethane	88	70-130
1,2-Dibromoethane (EDB)	89	70-130
Chlorobenzene	97	70-130
Ethyl Benzene	97	70-130
m,p-Xylene	101	70-130
o-Xylene	96	70-130
Styrene	95	70-130
Bromoform	90	70-130
Cumene	96	70-130
1,1,2,2-Tetrachloroethane	94	70-130
Propylbenzene	103	70-130
4-Ethyltoluene	101	70-130
1,3,5-Trimethylbenzene	90	70-130
1,2,4-Trimethylbenzene	97	70-130
1,3-Dichlorobenzene	96	70-130
1,4-Dichlorobenzene	94	70-130
alpha-Chlorotoluene	112	70-130
1,2-Dichlorobenzene	94	70-130
1,2,4-Trichlorobenzene	99	70-130
Hexachlorobutadiene	94	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	104	70-130

12/3/2020

Ms. Laura Tait

TRC Companies, Inc.

2300 Clayton Rd.

Suite 610

Concord CA 94520

Project Name: 2590 Walsh Ave.

Project #: 407444

Workorder #: 2011565B

Dear Ms. Laura Tait

The following report includes the data for the above referenced project for sample(s) received on 11/24/2020 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2011565B

Work Order Summary

CLIENT:	Ms. Laura Tait TRC Companies, Inc. 2300 Clayton Rd. Suite 610 Concord, CA 94520	BILL TO:	Accounts Payable TRC Companies, Inc. 2300 Clayton Rd. Suite 610 Concord, CA 94520
PHONE:	925-688-1200	P.O. #	160200
FAX:	925-688-1200	PROJECT #	407444 2590 Walsh Ave.
DATE RECEIVED:	11/24/2020	CONTACT:	Jade White
DATE COMPLETED:	12/03/2020		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SP1	Modified ASTM D-1946	5.9 "Hg	14.9 psi
02A	SP5	Modified ASTM D-1946	5.3 "Hg	14.9 psi
03A	SP4	Modified ASTM D-1946	5.9 "Hg	14.9 psi
04A	SP3	Modified ASTM D-1946	6.1 "Hg	14.8 psi
05A	SP2	Modified ASTM D-1946	6.9 "Hg	15 psi
06A	Lab Blank	Modified ASTM D-1946	NA	NA
07A	LCS	Modified ASTM D-1946	NA	NA
07AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/03/20

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209220, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-20-16, UT NELAP – CA009332020-12, VA NELAP - 10615, WA NELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005-014, Effective date: 10/18/2020, Expiration date: 10/17/2021.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

LABORATORY NARRATIVE
Modified ASTM D-1946
TRC Companies, Inc.
Workorder# 2011565B

Five 1 Liter Summa Canister (100% Certified) samples were received on November 24, 2020. The laboratory performed analysis via Modified ASTM Method D-1946 for Helium in air using GC/TCD. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

Requirement	ASTM D-1946	ATL Modifications
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A minimum of 5-point calibration curve is performed. Quantitation is based on average Response Factor.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a $\geq 95\%$ accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: SP1

Lab ID#: 2011565B-01A

No Detections Were Found.

Client Sample ID: SP5

Lab ID#: 2011565B-02A

No Detections Were Found.

Client Sample ID: SP4

Lab ID#: 2011565B-03A

No Detections Were Found.

Client Sample ID: SP3

Lab ID#: 2011565B-04A

No Detections Were Found.

Client Sample ID: SP2

Lab ID#: 2011565B-05A

No Detections Were Found.



Air Toxics

Client Sample ID: SP1

Lab ID#: 2011565B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10113018c	Date of Collection: 11/23/20 8:51:00 AM
Dil. Factor:	2.51	Date of Analysis: 11/30/20 09:32 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: SP5

Lab ID#: 2011565B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10113019c	Date of Collection: 11/23/20 10:01:00 A
Dil. Factor:	2.45	Date of Analysis: 11/30/20 09:53 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: SP4

Lab ID#: 2011565B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 10113020c

Date of Collection: 11/23/20 10:56:00 A

Dil. Factor: 2.51

Date of Analysis: 11/30/20 10:15 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: SP3

Lab ID#: 2011565B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10113021c	Date of Collection: 11/23/20 11:55:00 A
Dil. Factor:	2.52	Date of Analysis: 11/30/20 10:36 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: SP2

Lab ID#: 2011565B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10113022c	Date of Collection: 11/23/20 12:58:00 P
Dil. Factor:	2.63	Date of Analysis: 11/30/20 11:13 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2011565B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 10113004c
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 11/30/20 04:16 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 2011565B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 10113002c
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 11/30/20 03:21 PM

Compound	%Recovery	Method Limits
Helium	100	85-115

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2011565B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10113003c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/20 03:49 PM

Compound	%Recovery	Method Limits
Helium	101	85-115

Container Type: NA - Not Applicable

APPENDIX F

Noise and Vibration Technical Report

Prepared for
California Energy Commission

Prepared by
Ramboll US Consulting, Inc.
Lynnwood, Washington

Project Number
1690020921

Date
March 31, 2021

NOISE AND VIBRATION TECHNICAL REPORT – VANTAGE CA3 DATA CENTER

VANTAGE DATA CENTERS

SANTA CLARA, CALIFORNIA

CONTENTS

1. EXECUTIVE SUMMARY	1
2. INTRODUCTION	3
2.1 Project Description	3
3. NOISE AND VIBRATION FUNDAMENTALS.....	4
3.1 Noise Characteristics and Descriptors	4
3.2 Groundborne Vibration Fundamentals	6
4. EXISTING NOISE ENVIRONMENT	7
4.1 Land Uses and Sensitive Receivers	7
4.2 Existing Environmental	7
5. REGULATORY SETTING.....	10
5.1 California Environmental Quality Act (CEQA) and CEQA Guidelines	10
5.2 California Department of Transportation (Caltrans).....	10
5.3 Local Plans, Policies, and Regulation	11
5.3.1 Santa Clara General Plan.....	11
5.3.2 Santa Clara City Code (SCCC)	11
5.4 Noise Significance Criteria Considered	12
5.4.1 Significance Criteria.....	12
5.4.2 Significance Thresholds	13
5.4.3 CEQA Significance Criteria Not Considered Further in this Study	14
6. IMPACT ANALYSIS	15
6.1 Construction Noise	15
6.1.1 Calculation Methodology for Construction Noise.....	15
6.1.2 Threshold 1 - Construction	16
6.2 Operational Noise from On-site Sources	16
6.2.1 Noise Model.....	16
6.2.2 Model Receptor Locations	16
6.2.3 Noise Sources	18
6.2.4 Project Elements Included in Noise Assessment.....	18
6.2.5 Threshold 1 – On-site Operations	18
6.3 Groundborne Vibration during Construction	20
6.3.1 Calculation Methodology for Construction Noise.....	20
6.3.2 Threshold Level 2	20
7. CONCLUSIONS	21
8. REFERENCES	22

TABLES

Table 1. Typical Sound Levels.....	5
Table 2. Long-Term (LT) Noise Monitoring Results in the Project Vicinity (dBA)	7
Table 3. Short-Term (ST) Noise Monitoring Results in the Project Vicinity (dBA).....	8
Table 4. Reaction of People and Damage to Buildings, PPV (in/sec)	10
Table 5. General Plan Noise Standards.....	11
Table 6. City of Santa Clara Noise Limits.....	12
Table 7. FTA Daytime Construction Noise Impact Criteria (8-hour Leq, dBA).....	13
Table 8. Construction Equipment Sound Levels (dBA)	15
Table 9. Equipment Sound Levels.....	18
Table 10. Modeled Sound Levels of Continuous Mechanical Operations (dBA).....	19
Table 11. Modeled Sound Levels of Generator Maintenance/Testing (dBA).....	19
Table 12. Modeled Sound Levels of Emergency Generator Operations (dBA)	20
Table 13. Vibration Source Amplitudes for Construction Equipment	20

FIGURES

Figure 1. Sound Level Measurement (SLM) Locations.....	9
Figure 2. Model Receptor Locations	17

APPENDICES

Appendix A:	Noise Measurement Data and Field Notes
Appendix B:	Figures from Santa Clara General Plan Noise Element
Appendix C:	RCNM Construction Noise Calculations

NOISE DEFINITIONS, TERMINOLOGY, ACRONYMS AND ABBREVIATIONS

Acoustically Neutral	A description of equipment or material such as a wind screen used over a sound level meter microphone that, due to its composition, has little or no effect on the sound pressure levels reaching the microphone
CadnaA	Computer Aided Noise Abatement, a computer noise model used in this analysis
CA3	CA3 Data Center
CNEL	Community Noise Equivalent Level, a 24-hour sound level metric similar to a 24-hour Leq, except the CNEL includes an additional 5 dBA added to sound levels between 7 and 10 PM and an additional 10 dBA added to sound levels in each hour between 10 PM and 7 AM
dB	Decibel, referring to a unit measured on the decibel scale used to quantify sound levels
dBA	A-weighted decibel, a system for weighting measured sound levels to reflect the frequencies that people hear best
FTA	US Federal Transit Administration
Ldn	Day-Night Average Level, a 24-hour sound level metric similar to a 24-hour Leq, except the Ldn includes an additional 10 dBA added to sound levels in each hour between 10 PM and 7 AM to account for increased sensitivity to noise during times when people are typically trying to sleep
Distance attenuation	Rate at which sound levels decrease with increasing distance from a noise source based on the dissipation of sound energy as the sound wave increases in size (think of a balloon getting thinner as it becomes more inflated)
ISO	International Organization for Standardization, which establishes standard methods and procedures for accomplishing specific activities and calculations. The ISO has defined a number of standards related to the quantification of environmental noise.
Leq	Equivalent Sound Level, a sound level metric that is the level that if held constant over the same period would have the same sound energy as the actual, fluctuating sound (i.e., an energy-average sound level)
Lmax	Maximum sound level, highest sound level within a specified time interval; Fast Lmax is a 125 millisecond (1/8 second) sound level
Noise criteria	A set of definitions establishing the conditions under which a noise impact is determined to have occurred.

Noise impact	A measured or model-calculated condition in which the total sound level or the increase in sound level resulting from the project exceeds a defined noise impact criterion
Noise metric	One of a number of measures used to quantify noise (e.g., Leq, or Lmax)
PPV	Peak particle velocity, maximum rate or velocity of particle movement is the commonly accepted descriptor of vibration "strength." This is typically measured in inches per second.
SLM	Sound level measurement
Sound level	Sound pressure level, ten times the base-10 logarithm of the square of the ratio of the mean square sound pressure, in a stated frequency band (often weighted), and the reference mean-square sound pressure of 20 μ Pa (micro pascals, a standard reference unit of pressure), which is approximately equal to the threshold of human hearing at 1 kilohertz. Sound pressure level is expressed in decibels
Sound power level	A measure of the sound energy emitted by noise source expressed as energy per unit of time. Not to be confused with sound pressure level

1. EXECUTIVE SUMMARY

Vantage Data Centers (Vantage)'s Project CA3 at 2590 Walsh Ave is a proposed new data center and backup generating facility in Santa Clara, California. The CA3 facility would be located on a 6.69-acre plot bound to the Northwest by an existing microelectronics testing facility, to the Northeast by a software research and development facility, to the South by an existing railroad line operated by CalTrain, to the East by Walsh Avenue, and to the West by an existing Silicon Valley Power (SVP) substation. The Vantage Santa Clara Data Center Campus CA1 is located across the street on Walsh Avenue. The closest residential uses are to the South across the existing railroad right-of-way.

Construction of the CA3 facility, which includes the data center and the back-up generating facility, would take place in two phases from 2022 to 2024. This evaluation considered the potential noise impacts of full build-out of the CA3 facility when both Phase 1 and Phase 2 are fully operational. The CA3 facility would produce noise and groundborne vibration as a result of construction activities and operation of the new data center facility. A summary of our findings follows.

Construction Noise

Construction of the project would be limited to hours established by the City of Santa Clara, namely between 7 AM and 6 PM Monday through Friday and between 9 AM and 6 PM Saturday. When construction is limited to these hours, the City of Santa Clara exempts construction activities from the established noise limits. Using conservative methods and assumptions, Ramboll estimated the sound levels from construction activities at the nearest sensitive receivers to the site and compared the levels to FTA construction noise impact guidelines of 80 dBA or less at the nearest residential receivers. Calculated sound levels of the worst-case construction phase at the nearest residential receiver is 70 dBA, and noise impacts from construction would be less than significant.

Operational Noise

All of the operating scenarios discussed below include the following project elements:

- A 15-foot high wall around much of the substation perimeter
- Installation of back-up generators housed in acoustically enhanced enclosures
- Installation of Trane air-cooled chillers fitted with the "Superior" sound option package
- Solid barrier attached to dunnage platform traveling the full length of the south side of the platform and continuing halfway up the east and west sides of the platform, extending up 3 feet above top of chiller fans and down no more than 2 feet above the rooftop

Mechanical Scenario - The CA3 facility would typically require continuous operation of 48 rooftop chillers and two transformers located in the substation. Because these standard mechanical operations are expected to occur 24-hours a day, they would be subject to both the daytime and the more stringent nighttime noise limits. Model-calculated sound levels of CA3 mechanical operations at full build-out with both Phase 1 and Phase 2 are less than 50 dBA at the nearest residential receivers and community park to the facility and will comply with both the daytime noise limit of 55 dBA and 50 dBA during nighttime hours. Furthermore, modeled sound levels at the property boundaries abutting light industrial properties are well below the 70-dBA noise limit applicable during all hours. Therefore, mechanical operations would comply with the City standards, and noise impacts from such operations would be less than significant.

Generator Maintenance and Testing Scenario - At CA3, each backup generator is expected to undergo maintenance and testing on a regular basis, with each generator being operated for 15 minutes during

each testing event. As a worst-case scenario, Ramboll modeled a maintenance scenario assuming 8 backup generators at the western end of the generator yard and 4 house generators at the east end of the generator yard were being tested concurrently, in addition to the continuous mechanical sources identified above. Under such a scenario, the model-calculated sound levels would remain 50 dBA or less at the nearby residential receivers south of the facility. However, modeled sound levels with no mitigation would be as high as 76 dBA at the northern property line and exceed the limit of 70 dBA. Modeled sound levels at all other property boundaries are below 70 dBA. With construction of an 8-foot high, 200-foot long wall along the northern property line (**Mitigation Measure N-1**), modeled sound levels at all abutting properties are less than 70 dBA and would comply with the 70-dBA noise limit applicable during all hours. With Mitigation Measure N-1, maintenance and testing of the backup generators would comply with the City standards, and noise impacts from maintenance of the generators would be less than significant.

Emergency/Power Outage Scenario - During a utility outage, an emergency use scenario could require operation of all 44 of the backup generators in addition to the concurrent operation of the rooftop chillers and substation transformers. Noise during emergency operation of the backup generators is exempt from the noise limits. Regardless, with implementation of Mitigation Measure N-1, the modeled sound levels at all nearby sensitive receivers are 50 dBA or less, while the levels at the property boundaries are 70 dBA or less, and noise impacts from emergency operation of the generators would be less than significant.

The project is anticipated to generate less traffic than former uses at the project site. Therefore, there would not be an increase in traffic noise along local roadways, and no off-site traffic noise impacts are anticipated.

Groundborne Vibration

The project would generate groundborne vibration during construction. During use of the most vibratory piece of construction equipment, a vibratory roller, the calculated vibration level at the nearest structure to the equipment is 0.056 PPV in/second. Such a vibration would not be perceptible. Furthermore, construction equipment at the project site would not produce groundborne vibration at levels potentially damaging to the nearest off-site structures. Therefore, construction-related vibration impacts would be less than significant.

Operations of data centers are not typically a generator of substantial ground-borne vibration, and no impacts would be anticipated from vibrations related to operation of the facility.

2. INTRODUCTION

At the request of Vantage, Ramboll US Consulting, Inc. (Ramboll) has prepared this technical report documenting the noise and vibration impact assessment conducted for the Vantage CA3 Data Center project. This report provides a description of the existing noise environment, a summary of applicable plans, policies and standards, an assessment of potential noise and vibration impacts in light of those standards, and best management practices and design measures that can be incorporated into the project to minimize any impacts (if needed).

2.1 Project Description

The proposed CA3 Data Center would be located at 2590 Walsh Avenue, Santa Clara bounded to the Northwest by an existing microelectronics testing facility, to the Northeast by a software research and development facility, to the South by an existing railroad line operated by CalTrain, to the East by Walsh Avenue, and to the West by an existing Silicon Valley Power (SVP) substation. The Vantage Santa Clara Data Center Campus CA1 is located across the street on Walsh Avenue. The closest residential uses are to the south across the existing railroad right-of-way to the South. The property is an approximately 6.69-acre lot. The proposed location and boundary are shown in **Figure 1**, Page 9. CA3 would be developed over two construction phases from 2022 to 2024. At full build-out, the CA3 Project would include forty-four (44) 2.75-megawatts (MW) capacity generators housed in a generation yard adjacent to the north side of a four-story data center building 48 package chillers on the roof of the building, and two transformers in a substation on the west side of the site.

3. NOISE AND VIBRATION FUNDAMENTALS

3.1 Noise Characteristics and Descriptors

Noise is sometimes defined as unwanted sound, and the terms noise and sound are used more or less synonymously in this exhibit. The human ear responds to a very wide range of sound intensities. The decibel scale (dB) used to describe sound is a logarithmic rating system which accounts for the large differences in audible sound intensities. Using this scale, changes in noise levels are perceived as follows: 3 dBA as barely perceptible, 5 dBA as readily perceptible, and 10 dBA as a doubling or halving of noise. Therefore, a 70-dB sound level will sound about twice as loud as a 60-dB sound level. People generally cannot detect differences of 1 to 2 dB in a complex acoustical environment.

On the logarithmic scale used to measure noise, a doubling of sound-generating activity (i.e., a doubling of the sound energy) causes a 3-dB increase in average sound produced by that source, not a doubling of the loudness of the sound (which requires a 10-dB increase). For example, if traffic on a road is causing a 60-dB sound level at a nearby location, a doubling of the number of vehicles on this same road would cause the sound level at this same location to increase to 63 dB. Such an increase might not be discernible in a complex acoustical environment.

When addressing the effects of noise on people, it is necessary to consider the frequency response of the human ear, or those frequencies that people hear the best. Sound measuring instruments are therefore often designed to "weight" sounds based on the way people hear. The frequency weighting most often used to evaluate environmental noise is A weighting because it best reflects how humans perceive sound. Measurements from instruments using this system, and associated noise levels, are reported in "A weighted decibels," or dBA.

For any noise source, several factors affect the efficiency of sound transmission traveling from the source, which in turn affects the potential noise impact at off-site locations. Important factors include distance from the source, frequency of the sound, absorbency and roughness of the intervening ground (or water) surface, the presence or absence of obstructions and their absorbency or reflectivity, and the duration of the sound. **Table 1** presents typical sound levels of some familiar noise sources and activities. (Caltrans, 2013).

Table 1. Typical Sound Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110	Rock Band
Jet flyover at 1,000 feet		
	100	
Gas lawnmower at 3 feet		
	90	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	80	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawnmower at 100 feet	70	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	60	
		Larger business office
Quiet urban daytime	50	Dishwasher in next room
Quiet urban nighttime	40	Theater, larger conference room (background)
Quiet suburban nighttime		
	30	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	20	
		Broadcast/recording studio
	10	
	0	
Source: California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, p. 2-20, September 2013.		

Although a measured A-weighted noise level will adequately indicate the level of environmental noise at any instant in time, community noise levels typically vary continuously. Several noise descriptors have been developed to characterize community noise by accounting for the total acoustical energy content of the noise over defined periods of time. The noise descriptors used in this evaluation that consider noise levels over time are the Equivalent Sound Level (Leq), the Community Noise Equivalent Level (CNEL), and the Day-Night Sound Level (Ldn). These metrics are described below.

The Leq is the sound level corresponding to a steady-state sound level containing the same total energy as a time-varying signal over a given sample period. That is, an Leq is a single number representing the level of a constant sound containing the same amount of sound energy as the varying sound levels over a specific period. Thus, the Leq is the "energy average" noise level for the measurement time interval. The Leq can be measured for any time period but is typically measured for

one hour. It is the energy sum of all the events and background noise levels that occur during that time period.

The CNEL is the predominant noise descriptor in use in California for land use compatibility assessments and represents a time-weighted 24-hour average noise level based on hourly Leqs measured (or calculated) in A-weighted decibels. Time-weighted refers to the fact that the CNEL adds a 5-dBA penalty to noise occurring during evening hours from 7 PM to 10 PM, and a 10-dBA penalty to sounds occurring between the hours of 10 PM to 7 AM, to account for the increased sensitivity to noise events that occur during the late evening and nighttime periods.

The Ldn is similar to the CNEL but does not include the 5-dBA penalty to the evening hours between 7 PM and 10 PM. The Ldn is widely used in the US to compensate for the increased undesirability of noise during sleep periods.

3.2 Groundborne Vibration Fundamentals

Equipment that strikes the ground or uses vibration to compact soil produces vibrational waves, called groundborne vibration, that radiate along the surface of the earth and downward into the earth, potentially resulting in effects that range from annoyance to structural damage. As vibrations travel outward from the source, they excite the particles of rock and soil through which they pass and cause them to oscillate by a few ten-thousandths to a few thousandths of an inch. Differences in subsurface geologic conditions and distance from the source of vibration will result in different vibration levels characterized by different frequencies and intensities. In all cases, vibration amplitudes will decrease with increasing distance. The maximum rate or velocity of particle movement is the commonly accepted descriptor of the vibration "strength." This is referred to as the peak particle velocity (ppv) and is typically measured in inches per second.

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High frequency vibrations reduce much more rapidly than low frequencies, so that low frequencies tend to dominate the spectrum at distances from the source. Discontinuities in the soil strata can also cause diffractions or channeling effects that affect the propagation of vibration over long distances. When vibration encounters a building, a ground-to-foundation coupling loss will usually reduce the overall vibration level, however, under certain circumstances, the ground-to-foundation coupling may also amplify the vibration level due to structural resonances of the floors and walls.

Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern from vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

4. EXISTING NOISE ENVIRONMENT

4.1 Land Uses and Sensitive Receivers

The project site contains an unoccupied building and is zoned for light industrial uses. Existing land uses to the north, east and west of the project site include manufacturing, warehouse, data center and office land uses. These properties are also zoned for light industrial uses. The site is bordered to the south by a CalTrain line, beyond which there are single-family and multi-family residential neighborhoods and a park.

Noise impacts to sensitive land uses (e.g., residences, parks) are generally more objectionable than noise in less sensitive commercial and industrial areas. Consequently, noise standards for sensitive land uses are more stringent than those for less sensitive uses. Sensitive land uses that may be affected by project noise include the residential communities and community park located south of the project site.

4.2 Existing Environmental

To characterize the background noise environment in the project vicinity, Ramboll measured the ambient sound levels at four locations in the project vicinity representative of the nearest sensitive receivers to the site. The measurements were taken using Type I sound level meters, with microphones placed in acoustically neutral wind screens positioned approximately five feet above ground. The meters were factory calibrated within the previous 12 months and were field calibrated immediately prior to use.

One long-term, 24-hour measurement was taken on the southern boundary of the project site from February 8, 2021 to February 9, 2021. This location is representative of the existing noise environment at the second-floor residences directly across the CalTrain line from the measurement location with direct line-of-sight to trains. A summary of the long-term noise measurement results is provided in **Table 2**. The long-term sound level measurement location is displayed in **Figure 1**.

Table 2. Long-Term (LT) Noise Monitoring Results in the Project Vicinity (dBA)

SLM	Date	Range of Leqs			Ldn/CNEL
		Day	Evening	Night	
LT-1	2/8 – 2/9/2021	57 - 60	57 - 64	45-59	62/63
Source: Ramboll, 2021					

The long-term measurement was supplemented by short-term (10-minute) measurements at three additional locations representing nearby sensitive receivers. At each short-term location, measurements were taken during the day, evening, and nighttime hours. **Table 3** provides a summary of the short-term noise measurement results, and the short-term sound level measurement locations are displayed in **Figure 1**.

Table 3. Short-Term (ST) Noise Monitoring Results in the Project Vicinity (dBA)

SLM	Time	Date	Leq	Lmax
ST-1	10:45 AM	2/8/2021	51	73
	8:12 PM	2/8/2021	59	81
	11:27 PM	2/8/2021	59	76
ST-2	12:31 PM	2/8/2021	51	66
	8:30 PM	2/8/2021	49	72
	11:45 PM	2/8/2021	48	62
ST-3	12:45 PM	2/8/2021	59	81
	8:44 PM	2/8/2021	49	66
	12:00 AM	2/9/2021	50	68
Source: Ramboll, 2021				

The general noise environment is one dominated by nearby and distant traffic and by cooling and mechanical noise from various facilities. Noise events that interrupt this relatively stable background noise are caused by train passbys, loud vehicle passbys, vehicle horns and alarms. Less dominant noise sources included bird noise, overhead high elevation aircraft, residential activities, and conversation. Train passbys significantly affected the average noise level. Field worksheets and detailed noise measurement output data are included in Appendix A.

To further characterize sound levels in the project vicinity, Ramboll reviewed projected noise contour figures found in Chapter 5 of the Santa Clara General Plan. Figure 5.10-4 of the General Plan (included in Appendix B) identifies projected CNEL levels at the residential areas in the project vicinity to be between 60 and 65 dBA due to noise from roads and the CalTrain line, which correlates well to the measured sound levels of 62 and 63 dBA, Ldn and CNEL, at LT-1.



Figure 1. Sound Level Measurement (SLM) Locations

5. REGULATORY SETTING

5.1 California Environmental Quality Act (CEQA) and CEQA Guidelines

CEQA, or the California Environmental Quality Act, is a statute that requires state and local agencies to identify the significant environmental impacts of a “project” within their jurisdiction. The California Energy Commission (CEC) will use this noise impact study to make a determination if noise and vibration impacts would result in significant impacts, and, if applicable, what measures may be required to mitigate impacts to a level below significant.

The CEQA Guidelines, found in the California Code of Regulations, Chapter 3 of Title 14, are used to evaluate the significance of effects of environmental noise attributable to an action. Among other questions, CEQA asks whether a proposed action would result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.

5.2 California Department of Transportation (Caltrans)

The California Department of Transportation (Caltrans) has published guidance on the evaluation and impact criteria related to groundborne vibration, as documented in the “*Transportation and Construction Vibration Guidance Manual*”¹. The manual provides guidelines to assess the potential for annoyance and potential damage to structures (**Table 4**).

Table 4. Reaction of People and Damage to Buildings, PPV (in/sec)

Vibration Level PPV (in/sec)	Human Reaction	Effect on Buildings
0.006-0.019	Threshold of perception, possibility of intrusion	Vibrations unlikely to cause damage of any type
0.08 in/sec	Vibrations readily perceptible	Recommended upper level of vibration to which ruins and ancient monuments should be subjected
0.10 in/sec	Level at which continuous vibration begins to annoy people	Virtually no risk of “architectural” (i.e., not structural) damage to normal buildings
0.20 in/sec	Vibrations annoying to people in buildings	Threshold at which there is a risk to “architectural” damage to normal dwelling – houses with plastered walls and ceilings
0.4–0.6 in/sec	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic but would cause “architectural” damage and possibly minor structural damage. At 0.5 PPV possible cosmetic structural damage to buildings built of reinforced concrete, steel or timber.

¹ California Department of Transportation (Caltrans). 2020. Transportation and Construction Vibration Manual. Available online at: <https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf>

5.3 Local Plans, Policies, and Regulation

5.3.1 Santa Clara General Plan

The City of Santa Clara General Plan contains goals and policies that are designed to control noise within the city. In addition, the General Plan identifies noise and land use compatibility standards for various land uses. **Table 5** includes acceptable noise levels for various land uses.

The City of Santa Clara General Plan Noise Element also includes goals to minimize impacts in the community; to protect sensitive land uses from noise intrusion; and to consider noise levels in consideration of land use proposals. General Plan Noise Element policies intended to implement those policies that apply to the analysis of impacts associated with proposed project are presented below.

Policy 5.10.6-P1. Review all land use development proposal for consistency with the General Plan compatibility standards and acceptable noise exposure levels defined on Table 8.

Policy 5.10.6-P2. Incorporate noise attenuation measures for all projects that have noise exposure levels greater than General Plan “normally acceptable” levels, as defined on Table 8.

Policy 5.10.6-P3. New development should include noise control techniques to reduce noise to acceptable levels, including site layout (setbacks, separation and shielding), building treatments (mechanical ventilation system, sound-rated windows, solid core doors and baffling) and structural measures (earthen berms and sound walls).

Policy 5.10.6-P4. Encourage the control of noise at the source through site design, building design, landscaping, hours of operation and other techniques.

Policy 5.10.6-P5. Require noise-generating uses near residential neighborhoods to include solid walls and heavy landscaping along common property lines, and to place compressors and mechanical equipment in sound-proof enclosures.

Table 5. General Plan Noise Standards

Noise and Land Use Compatibility (Ldn & CNEL)								
Land Use	50	55	60	65	70	75	80	85
Residential								
Educational								
Recreational								
Commercial								
Industrial								
Open Space								
	Compatible							
	Require Design and insulation to reduce noise levels							
	Incompatible. Avoid land use except when entirely indoors and interior noise level of 45 Ldn can be maintained.							
Source: City of Santa Clara General Plan Appendix 8.14 Noise. Table 8.14-1								

5.3.2 Santa Clara City Code (SCCC)

The City’s noise ordinance is codified in Chapter 9.10, Regulation of Noise and Vibration, of the SCCC. The noise ordinance requires protection from unnecessary, excessive, and unreasonable noise or

vibration from fixed sources in the community. Specifically, SCCC Section 9.10.40 states that it is unlawful for a fixed noise source on an originating property to produce sound levels on any other property that exceed the maximum sound levels shown in **Table 6**.

Table 6. City of Santa Clara Noise Limits

Receiving Zone Zoning Category	Time Period	Noise Level (dBA)
Category 1 and Category 2		
Single Family and duplex residential (R1, R2); Multiple-family residential, public space (R3, B)	7 AM to 10 PM	55
	10 PM to 7 AM	50
Category 3		
Commercial Office (C, O)	7 AM to 10 PM	65
	10 PM to 7 AM	60
Category 4		
Light Industrial (MI, MP)	Anytime	70
Heavy Industrial (MH)	Anytime	75
Source: SCCC Section 9.10.040 Notes: Except as otherwise provided in this chapter, the noise or sound standards for the various zone districts as presented in the above table shall apply to all such properties within a specified zone, as designated on the most recent update of the official zoning map of the City. For planned development, agricultural or mixed zoning site, the most restrictive noise standard for the comparable zone district, as determined by the Director of Planning and Inspection, shall apply.		

Section 9.10.060(c) states that if the measured ambient noise level differs from those levels set forth in SCCC Section 9.10.040, the allowable noise standard should be “adjusted in five dBA increments in each category as appropriate to encompass or reflect said ambient noise level”.

Section 9.10.070(a) exempts “emergency generators and pumps or other equipment necessary to provide services during an emergency.”

SCCC Section 9.10.050 provides vibration standards and states that, “it shall be unlawful for any person to operate or cause, permit, or allow the operation of, any fixed source of vibration of disturbing, excessive, or offensive vibration on property owned, leased, occupied, or otherwise controlled by such person, such that the vibration originating from such source is above the vibration perception threshold of an individual at the closest property line point to the vibration source on the real property affected by the vibration.”

5.4 Noise Significance Criteria Considered

5.4.1 Significance Criteria

To determine whether a project would have a significant noise impact, Appendix G to the CEQA Guidelines requires consideration of whether a project would result in:

1. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
2. Generation of excessive groundborne vibration or groundborne noise levels; or

3. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, exposure of people residing or working in the project area to excessive noise levels.

5.4.2 Significance Thresholds

5.4.2.1 Threshold 1 – Construction Noise

The Santa Clara City Code does not identify noise limits for construction activities but instead controls noise impacts from construction by restricting allowable hours of construction. SCCC 9.10.230 states that construction activities are not permitted within 300 feet of residentially zoned property except within the hours of 7 AM and 6 PM on weekdays and 9 AM and 6 PM on Saturdays.

Because there are no noise limits or standards applied by the City of Santa Clara to daytime construction activities, this evaluation applies construction noise impact criteria developed by the US Federal Transit Administration (FTA, 2018) to assess if construction noise will generate a substantial temporary increase over ambient levels in excess of local standards or applicable standards of other agencies. For construction restricted to daytime hours, defined as between 7 AM and 10 PM in the FTA guidance, FTA guidance suggests that construction sound levels (represented by an 8 hour Leq) at or below the levels identified in **Table 7** are reasonable criteria for identifying noise impacts.

Table 7. FTA Daytime Construction Noise Impact Criteria (8-hour Leq, dBA)

Land Use	8-hour Leq
Residential	80
Commercial	85
Industrial	90
Source: FTA 2018	

5.4.2.2 Threshold 1 – Operational Noise

The City of Santa Clara identifies noise limits applicable to on-site noise sources associated with operation of the project and affecting nearby receiving properties in SCCC Section 9.10.040. The project would be considered to generate a substantial permanent increase in ambient noise levels in the vicinity of the project if the project would:

- Generate noise levels at residential or public space property lines that exceed 55 dBA during the day (7 AM to 10 PM) or 50 dBA at night:
- Generate noise levels at light industrial property lines that exceed 70 dBA.

5.4.2.3 Threshold 2 - Ground borne Vibration from Construction

SCCC Section 9.10.050 prohibits vibration from a fixed source from exceeding vibration levels above the perception threshold of an individual. The code does not define perceptible. Caltrans has established perceptibility levels for groundborne vibration (Error! Reference source not found.). For the purposes of this assessment, groundborne vibration will be deemed to result in a significant impact if it produces perceptible vibration at nearby sensitive properties, defined as 0.08 PPV (in/sec). Furthermore, groundborne vibration will be deemed a significant impact if it exceeds structural damage criteria at the nearest structures to the site, defined as 0.20 PPV (in/sec).

5.4.3 CEQA Significance Criteria Not Considered Further in this Study

Review and comparison of the proposed project to the environmental setting clearly shows that the project would create no impacts related to the following environmental topics, and these elements are not considered further in this assessment.

5.4.3.1 Threshold 1 – Noise from Off-site Traffic

The transportation analysis for the project estimates an overall net reduction in trips with full buildout (Kimley Horn 2021). The analysis states that the net project trip rate is negative (-658 trips per day) based on an estimate of 1,125 trips per day from the existing land use and 467 trips per day from Project operations. With such a decrease in trips, there would be no increase in traffic noise along local roadways, and no off-site traffic noise impacts are anticipated.

5.4.3.2 Threshold 2 –Groundborne Vibration from Operations

There are no notable sources of groundborne vibration associated with the operation of the facility, and no significant vibration impacts related to operation of the facility are anticipated.

5.4.3.3 Threshold 3 – Development Near Airport

The project site is outside the noise contours for the San Jose Airport as shown in Figure 7.10-5 from the Santa Clara General Plan (included in Appendix B). Furthermore, the project site is not within an airport land use plan. Therefore, no substantial noise exposure would occur to construction workers, employees, or users of the project from aircraft noise, and no significant impacts would be expected.

6. IMPACT ANALYSIS

This section discusses analysis methodology, applicable thresholds, impacts and measures to reduce impacts associated with construction and operation of the proposed project.

6.1 Construction Noise

6.1.1 Calculation Methodology for Construction Noise

Construction noise was estimated using the FHWA Roadway Construction Noise Model (RCNM) (2006). RCNM predicts construction noise levels for a variety of construction operations based on empirical data and the application of acoustical propagation formulas. RCNM provides reference noise levels for standard construction equipment, with an attenuation of 6 dBA per doubling of distance for stationary equipment. Reference noise levels for typical construction equipment utilized in the RCNM model are presented in **Table 8**.

Table 8. Construction Equipment Sound Levels (dBA)

Equipment Type	Sound Level at 50 feet (dBA)
Backhoe	78
Compactor (ground)	83
Compressor (air)	78
Concrete Saw	90
Crane	81
Dozer	82
Drill Rig Truck	79
Dump Truck	76
Excavator	81
Forklift	61
Front End Loader	79
Generator	81
Grader	85
Hydra Break Ram	90
Man Lift	75
Paver	77
Pumps	81
Roller	80
Tractor	84
Source: FHWA Roadway Construction Noise Model User's Guide. January 2006.	

6.1.2 Threshold 1 - Construction

Would the project result in generation of a substantial temporary increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. (Construction)

Noise associated with each phase of construction was calculated at the nearest sensitive receiver. The nearest sensitive receiver is a two-story multiple family residential building located south of the project site and south of the existing rail line. The second-floor residences associated with this building are not shielded by the existing concrete barrier along the property line and will be exposed to project construction noise. Construction noise levels at these residences is expected to range between 56 and 70 dBA Leq, depending on construction phase. The worst-case modeled sound level of 70 dBA would not exceed the FTA noise impact criteria of 80 dBA Leq (8 hr) during the daytime. Therefore, construction noise impacts would be less than significant, and no mitigation is required. RCNM modeling data output is provided in Appendix C.

6.2 Operational Noise from On-site Sources

6.2.1 Noise Model

Ramboll estimated future noise generated by the facility as received at nearby sensitive receivers using the Computer Aided Noise Abatement (CadnaA) noise model. CadnaA is a software program that enables noise modeling of complex industrial sources using sound propagation factors as adopted by International Organization for Standardization (ISO) 9613.2 Atmospheric absorption was estimated for conditions of 10°C and 70 percent relative humidity (i.e., conditions that favor propagation) and computed in accordance with ISO 9613-1. The modeling process included the following steps: (1) characterizing the noise sources, (2) creating 3-dimensional maps of the site, proposed structures, and vicinity to enable the model to evaluate effects of distance, structural interference, and topography on noise attenuation, and (3) assigning the equipment sound levels to appropriate locations on the site. CadnaA then constructed topographic cross sections to calculate sound levels in the vicinity of the project site.

6.2.2 Model Receptor Locations

For the modeling effort, Ramboll used numerous modeling "receptor" locations representing the residences and other sensitive receivers nearest the project site and the worst-affected property line locations. The modeling receptors considered in the noise modeling are depicted in **Figure 2**.

2 The ISO has established internationally recognized standard methods for calculating noise attenuation through the atmosphere.



Figure 2. Model Receptor Locations

6.2.3 Noise Sources

The assessment considered the noise implications of full buildout of the facility. The site layout was based on computer-aided design (CAD) drawings provided to Ramboll for the proposed construction (**Figure 2**). The primary noise sources associated with operation of the facility were identified by Vantage, and equipment sound levels were provided by the equipment manufacturers. The equipment locations, numbers, and sound levels used for this evaluation are provided in **Table 9**.

Table 9. Equipment Sound Levels

Equipment		Location	#Units	Sound Power (dBA)
Trane Air-Cooled Chillers	Condenser Fans	Rooftop	48	100
	Compressor			87
Transformers		Substation	2	83
Backup Generators (2.75 MW)		Gen Yard	44	105

6.2.4 Project Elements Included in Noise Assessment

All of the operating scenarios considered in this noise assessment include the following project elements:

- A 15-foot high wall around much of the substation perimeter
- Installation of back-up generators housed in acoustically enhanced enclosures
- Installation of Trane air-cooled chillers fitted with the "Superior" sound option package
- Solid barrier attached to dunnage platform traveling the full length of the south side of the platform and continuing halfway up the east and west sides of the platform, extending 3 feet above top of chiller fans no more than 2 feet above the rooftop

6.2.5 Threshold 1 – On-site Operations

Would the project result in generation of a substantial permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. (On-site Operations)

6.2.5.1 Mechanical Scenario

Continuous operation of the CA3 facility with Phase 1 and Phase 2 would include operation of 48 rooftop air-cooled chillers and two transformers located in the substation. These standard mechanical operations are expected to occur 24-hours a day and would be subject to both the daytime and the more stringent nighttime noise limits applied by the City of Santa Clara. Model-calculated sound levels of CA3 mechanical operations at full build-out with both Phase 1 and Phase 2 will be less than 50 dBA at the nearest residential receivers and community park to the facility and will comply with both the daytime noise limit of 55 dBA and the more stringent 50 dBA limit during nighttime hours. Furthermore, modeled sound levels at the property boundaries that abut light industrial properties are well below the 70-dBA noise limit applicable during all hours.

Table 10. Modeled Sound Levels of Continuous Mechanical Operations (dBA)

Scenario	R1	R2	R3	R4	NPL	EPL	SPL	WPL
Mechanical	48.5	49.9	48.2	47.9	55.6	52	45.5	49.8
Applicable Noise Limit	50	50	50	50	70	70	70	70

Typical mechanical operations would comply with the City standards, and noise impacts from such operations would be less than significant.

6.2.5.2 Generator Maintenance and Testing Scenario

At CA3, each backup generator is expected to undergo maintenance and testing on a regular basis, with each generator being tested for approximately 15 minutes per testing event. As a worst-case scenario, Ramboll modeled a maintenance scenario assuming the westernmost 8 backup generators and the easternmost 4 house generators were tested concurrently, in addition to the continuous mechanical sources identified above. Under such a scenario, the model-calculated sound levels remain 50 dBA or less at the nearby residential receivers south of the facility. However, the modeled sound level of 76 dBA at the northern property line exceeds the applicable noise limit of 70 dBA (**Table 11**) without consideration of noise mitigation.

Mitigation Measure N-1 – Construct an 8-foot high wall along a portion of the northern property boundary, extending from the driveway entrance approximately 200 feet to the southwest (identified as 8' Noise Barrier in **Figure 2**).

With incorporation of Mitigation Measure N-1, maintenance and testing of the backup generators would comply with the City standards at all nearby properties (see **Table 11**), and noise impacts from maintenance of the generators would be less than significant.

Table 11. Modeled Sound Levels of Generator Maintenance/Testing (dBA)

Scenario	R1	R2	R3	R4	NPL	EPL	SPL	WPL
Gen Maintenance – No Mitigation	48.6	50.0	48.3	47.9	75.9	69.3	57.7	50.0
Gen Maintenance - With Mitigation Measure N-1	48.6	50	48.3	47.9	63.4	69.3	57.7	50
Applicable Noise Limit Day/Night	55/50	55/50	55/50	55/50	70	70	70	70

6.2.5.3 Emergency/Power Outage Scenario

During a utility outage, an emergency use scenario could include operation of all 44 of the backup generators in addition to the concurrent operation of the rooftop chillers and substation transformers. Under such an emergency scenario, with implementation of Mitigation Measure N-1, the modeled sound levels at all nearby sensitive receivers are 50.2 dBA or less, while the levels at the property boundaries are less than 70 dBA. However, emergency operation of the generators is exempt from the City standards, and noise impacts during emergency operation of the generators would be less than significant.

Table 12. Modeled Sound Levels of Emergency Generator Operations (dBA)

Scenario	R1	R2	R3	R4	NPL	EPL	SPL	WPL
Emergency – With Mitigation Measure N-1	48.9	50.2	48.5	48	64.1	69.5	57.9	50.5
Applicable Noise Limit ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ Emergency use of generators during utility outages are exempt from the Santa Clara noise limits.

6.3 Groundborne Vibration during Construction

6.3.1 Calculation Methodology for Construction Noise

Groundborne vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. The effects of ground vibration may be imperceptible at the lowest levels, detectable at moderate levels, and have the potential to result in building damage at the highest levels. Groundborne vibration levels associated with various types of construction equipment are summarized in **Table 13**.

Table 13. Vibration Source Amplitudes for Construction Equipment

Equipment	Reference PPV at 25 ft (in/sec)
Vibratory roller	0.21
Large bulldozer	0.089
Caisson drilling	0.089
Loaded Trucks	0.076
Jackhammer	0.035
Small bulldozer	0.003
Crack-and-seat operations	2.4

Sources: Caltrans Transportation and Construction Vibration Guidance Manual April 2020.

6.3.2 Threshold Level 2

Would the project result in generation of excessive groundborne vibration or groundborne noise levels.

Per the guidelines presented in **Table 4**, steady state groundborne vibration is readily perceptible at 0.08 PPV in/sec. At 0.20 PPV in/sec there is a risk for “architectural” damage to normal dwellings (houses with plastered walls and ceilings).

The piece of equipment that produces the greatest amount of vibration and is likely to be used on the project site is the vibratory roller. No pile driving would occur during construction of the project. Based on information in **Table 13**, use of a vibratory roller may result in a PPV of 0.21 in/sec at a distance of 25 feet. The nearest structure to the project construction area is a light industrial building located approximately 60 feet southeast of the project site. At a distance of 60 feet, vibration associated with the vibratory roller would attenuate to 0.056 PPV in/sec, which would not be perceptible to nearby residents or employees nor have the potential to result in architectural damage to nearby buildings. Vibration impacts from construction would not be significant.

7. CONCLUSIONS

The project would generate both temporary construction-related noise and long-term noise associated with operation of the project.

Construction noise is exempt from the Santa Clara noise limits when restricted to the hours of 7 AM to 6 PM weekdays and 9 AM to 6 PM Saturdays. Worst-case construction noise calculated at the nearest residential receiver is 70 dBA. Construction noise not would exceed the FTA construction noise impact guidelines of 80 dBA 8-hour Leq during daytime hours, and construction noise impacts would be less than significant.

The project is anticipated to generate less traffic than existing uses at the project site. Therefore, there would be no increase in traffic noise along local roadways due to the project, and off-site traffic noise impacts would be less than significant.

Operational activities on the project site would generally consist of continuous mechanical operations and occasional generator maintenance and testing. Modeled levels of constant mechanical noise from the rooftop chillers and substation transformers are 50 dBA or less at the nearest residential properties to the site and 70 dBA or less at the abutting light industrial properties. These levels comply with the City's daytime and more stringent nighttime noise limits, and noise impacts from mechanical operations would be less than significant.

Modeled levels of occasional generator testing and maintenance in addition to the constant mechanical noise is 50 dBA or less at the nearest residential properties to the site but as high as 76 dBA at the abutting light industrial project north of the project site. Such a noise level at the northern property line would potentially exceed the City's property line noise limits. Therefore, Mitigation Measure N-1, which would entail construction of an 8-foot high wall along a portion of the northern property boundary, would be required. With incorporation of Mitigation Measure N-1, generator maintenance and testing activities on the project site would be reduced to a maximum of 70 dBA at adjacent properties, and the proposed project would comply with the City property line noise limits. With Mitigation Measure N-1, operational noise impacts would be less than significant.

The project would generate groundborne vibration during construction. Groundborne vibration would not exceed levels that could cause potential damage to the nearest structures, and vibration levels would not be perceptible. Construction-related vibration impacts would be less than significant.

The project site is outside the noise contours for the San Jose Airport and is not within an airport land use plan. Therefore, no substantial noise exposure would occur to construction workers, employees, or users of the project from aircraft noise.

8. REFERENCES

- California Department of Transportation (Caltrans). 2013. Technical Noise Supplement to the Traffic Noise Analysis Protocol. (CT-HWANP-RT-13-069.25.2) September 2013.
- California Department of Transportation (Caltrans). 2020. Transportation and Construction Vibration Manual. (CT-HWANP-RT-20- 365) April 2020.
- Crocker, Malcolm J. Crocker (Editor). 2007. Handbook of Noise and Vibration Control Book, ISBN: 978-0-471-39599-7, Wiley-VCH, October.
- Federal Highway Administration (FHWA). 2011. Highway Traffic Noise: Analysis and Abatement Guidance (FHWA-HEP-10-025).
- Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual.
- Kimley Horn and Associates, Inc. 2021. 2590 Walsh Avenue Transportation Operational Analysis. March 2021.
- Rincon Consultants, Inc. 2020. CoreSite – Santa Clara Data Center SV9. January 2020.
- Santa Clara, City of. 2010. Celebrating Our Past, Present and Future, City of Santa Clara 2010-2035 General Plan. Santa Clara, CA. November 16, 2010.
- Santa Clara County Airport Land Use Commission. 2011. Comprehensive Land Use Plan Santa Clara County: Noman Y. Mineta San José International Airport. San José, CA.

APPENDIX A

NOISE MEASUREMENT DATA AND FIELD NOTES

Long-Term Noise Measurement (LT-1) Details (dBA)

Hour	Leq	Lmax	L(90)
00:00:00	55.2	81.3	47.1
01:00:00	52.9	82.1	47.2
02:00:00	46.1	61.8	44.0
03:00:00	45.2	56.6	44.2
04:00:00	51.4	81.6	44.7
05:00:00	55.1	85.2	45.4
06:00:00	59.1	86.7	46.6
07:00:00	59.3	86.2	45.4
08:00:00	60.1	85.7	44.6
09:00:00	59.6	86.8	44.3
10:00:00	57.9	82.8	45.2
11:00:00	59.1	86.0	46.2
12:00:00	59.3	87.5	45.3
13:00:00	58.7	86.8	46.2
14:00:00	59.0	85.3	47.2
15:00:00	58.9	85.6	47.7
16:00:00	58.6	84.8	46.9
17:00:00	58.8	85.6	47.3
18:00:00	59.6	86.3	46.5
19:00:00	63.6	93.7	46.7
20:00:00	56.8	84.1	46.0
21:00:00	57.6	83.6	44.6
22:00:00	54.0	81.6	43.7
23:00:00	57.7	81.4	44.1

Notes: Noise Measurements performed between February 8 and February 9, 2021.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: LTNM

Nearest Address or Cross Street: 2590 Walsh Avenue, Santa Clara CA

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

This 24-hour noise measurement was taken at the approximate center of the project site property line.

The meter was attached to an existing chain link fence and hidden in existing bushes.

Primary Noise Sources: A constant hum of nearby substation and fans associated with nearby buildings

Train pass-bys occurred regularly between 95 and 100 feet south of the measurement location.

Secondary Noise Sources: Bird song and overhead aircraft was also noticeable.

Weather: Overcast

Temperature: 48-60 F

Wind: 0-5 mph

Measurement Period: 10:14 AM February 8 - 11:00 AM February 9

Measured Noise Levels:

Leq	<u>58.2 dB</u>
Lmax	<u>88.8 dB</u>
L(2.5)	<u>56.5 dB</u>
L(8.3)	<u>51.0 dB</u>
L(10)	<u>50.2 dB</u>
L25	<u>48.2 dB</u>
L50	<u>47.0 dB</u>
L90	<u>45.2 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Southern property line of project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM1 - Day

Nearest Address or Cross Street: 2600 Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.):

Measurement was taken at the closest point to the project site. There was an intervening 12-foot concrete barrier. Existing multiple family residential buildings are two-story.

Primary Noise Sources: Background noise of neighborhood vehicular travel and residents conversing.

Train pass-bys occurred regularly between 100 and 115 feet north of the measurement location.

Secondary Noise Sources: Bird song and overhead aircraft was also noticeable.

Weather: Overcast

Temperature: 51F

Wind: 0 mph

Measurement Period: 10:45 - 10:55 AM

Measured Noise Levels:

Leq	<u>51.4 dB</u>
Lmax	<u>73.2 dB</u>
L(2.5)	<u>56.8 dB</u>
L(8.3)	<u>49.3 dB</u>
L(10)	<u>48.3 dB</u>
L25	<u>46.3 dB</u>
L50	<u>45.7 dB</u>
L90	<u>44.9 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys
and vehicle horn alerts.

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Next to MFR building closest to the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM1 - Evening

Nearest Address or Cross Street: 2600 Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

Measurement was taken at the closest point to the project site. There was an intervening 12-foot concrete barrier. Existing multiple family residential buildings are two-story.

Primary Noise Sources: Background noise of neighborhood vehicular travel and residents conversing.

Train pass-bys occurred regularly between 100 and 115 feet north of the measurement location.

Secondary Noise Sources: Overhead aircraft was noticeable.

Weather: Overcast

Temperature: 53F

Wind: 0 mph

Measurement Period: 8:12-8:22 PM

Measured Noise Levels:

Leq	<u>58.9 dB</u>
Lmax	<u>81.3 dB</u>
L(2.5)	<u>66.5 dB</u>
L(8.3)	<u>50.7 dB</u>
L(10)	<u>49.8 dB</u>
L25	<u>45.1 dB</u>
L50	<u>42.6 dB</u>
L90	<u>41.0 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys
and vehicle horn alerts.

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

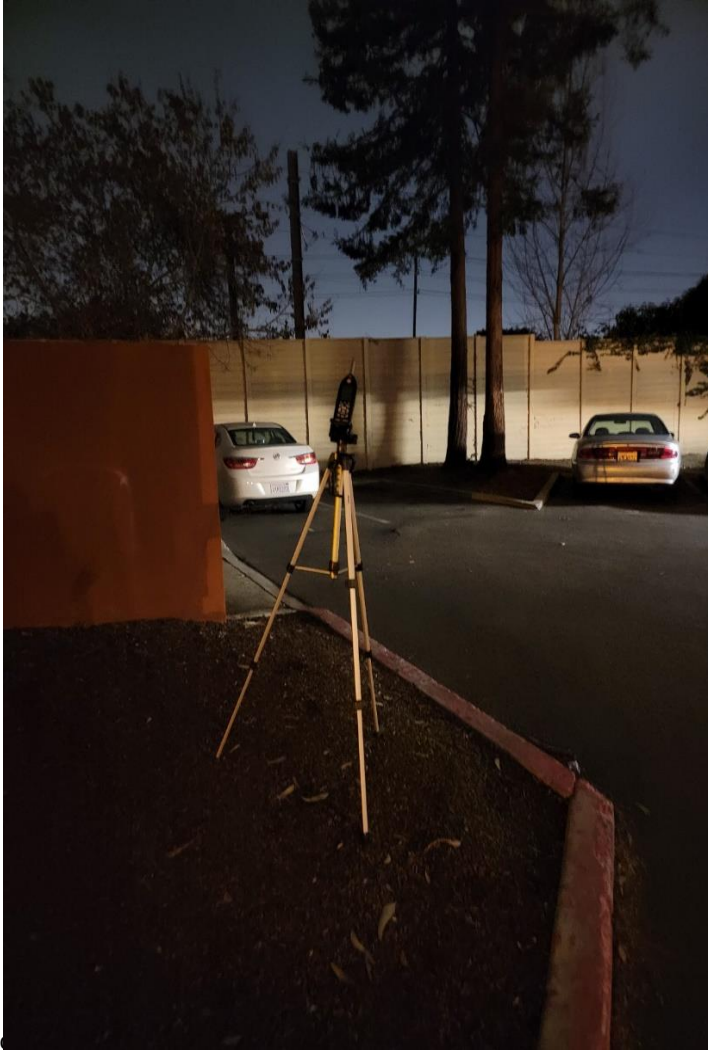
Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Next to MFR building closest to the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM1 - Night

Nearest Address or Cross Street: 2600 Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

Measurement was taken at the closest point to the project site. There was an intervening 12-foot concrete barrier. Existing multiple family residential buildings are two-story.

Primary Noise Sources: Background noise of roadway vehicular travel.

Train pass-bys occurred regularly between 100 and 115 feet north of the measurement location.

Secondary Noise Sources: _____

Weather: Overcast

Temperature: 52F

Wind: 5 mph

Measurement Period: 11:27-11:37 PM

Measured Noise Levels:

Leq	<u>58.5 dB</u>
Lmax	<u>75.9 dB</u>
L(2.5)	<u>68.9 dB</u>
L(8.3)	<u>52.9 dB</u>
L(10)	<u>50.9 dB</u>
L25	<u>45.5 dB</u>
L50	<u>43.2 dB</u>
L90	<u>41.3 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys
and vehicle horn alerts.

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Next to MFR building closest to the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM2 - Day

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

Measurement was taken at the closest point to the project site that was likely used for recreation.

Primary Noise Sources: Fan noise associated with buildings to the north, traffic noise,

Train pass-bys approx. 80 and 95 feet to the north.

Secondary Noise Sources: Pedestrian conversation

Weather: Overcast

Temperature: 51F

Wind: 0 mph

Measurement Period: 12:31-12:41 PM

Measured Noise Levels:

Leq	<u>50.6 dB</u>
Lmax	<u>66.4 dB</u>
L(2.5)	<u>56.6 dB</u>
L(8.3)	<u>54.0 dB</u>
L(10)	<u>53.5 dB</u>
L25	<u>50.6 dB</u>
L50	<u>48.1 dB</u>
L90	<u>46.2 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



North end of park closest to the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM2 - Eve

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

Measurement was taken at the closest point to the project site that was likely used for recreation.

Primary Noise Sources: Fan noise associated with buildings to the north, traffic noise,

Train pass-bys approx. 80 and 95 feet to the north.

Secondary Noise Sources: Pedestrian conversation

Weather: Overcast

Temperature: 52F

Wind: 0 mph

Measurement Period: 8:30-8:40 PM

Measured Noise Levels:

Leq	<u>49.2 dB</u>
Lmax	<u>71.6 dB</u>
L(2.5)	<u>54.0 dB</u>
L(8.3)	<u>51.2 dB</u>
L(10)	<u>50.3 dB</u>
L25	<u>48.8 dB</u>
L50	<u>48.1 dB</u>
L90	<u>47.0 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Location/Notes:

North end of park closest point to project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM2 - Night

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.:

Measurement was taken at the closest point to the project site that was likely used for recreation.

Primary Noise Sources: Fan noise associated with buildings to the north, traffic noise,

Train pass-bys approx. 80 and 95 feet to the north.

Secondary Noise Sources: _____

Weather: Overcast

Temperature: 52F

Wind: 0 mph

Measurement Period: 11:45 - 11:55 PM

Measured Noise Levels:

Leq	<u>47.5</u> dB
Lmax	<u>62.4</u> dB
L(2.5)	<u>56.7</u> dB
L(8.3)	<u>48.8</u> dB
L(10)	<u>48.0</u> dB
L25	<u>46.3</u> dB
L50	<u>45.1</u> dB
L90	<u>40.9</u> dB

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Location/Notes:

North end of park closest point to project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM3 - Day

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.):

Measurement was taken next to an existing multiple family building.

Primary Noise Sources: Vehicle noise associated with Bowers Ave. Fan noise associated with

buildings to the north, and train pass-bys approx. 150 and 165 feet to the north.

Secondary Noise Sources: Pedestrians and persons getting in and out of vehicles.

Weather: Overcast

Temperature: 60F

Wind: 3 mph

Measurement Period: 12:45 - 1:00 PM

Measured Noise Levels:

Leq	<u>59.0 dB</u>
Lmax	<u>81.3 dB</u>
L(2.5)	<u>64.5 dB</u>
L(8.3)	<u>57.0 dB</u>
L(10)	<u>56.6 dB</u>
L25	<u>54.7 dB</u>
L50	<u>52.5 dB</u>
L90	<u>44.4 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Location Notes:

Next to multiple family building. Approximately 430 feet SW of the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM3 - Eve

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.):

Measurement was taken next to an existing multiple family building.

Primary Noise Sources: Vehicle noise associated with Bowers Ave. Fan noise associated with

buildings to the north, and train pass-bys approx. 150 and 165 feet to the north.

Secondary Noise Sources: Pedestrians and persons getting in and out of vehicles.

Weather: Overcast

Temperature: 53 F

Wind: 0 mph

Measurement Period: 8:44 - 8:55 PM

Measured Noise Levels:

Leq	<u>48.8 dB</u>
Lmax	<u>65.8 dB</u>
L(2.5)	<u>54.9 dB</u>
L(8.3)	<u>52.1 dB</u>
L(10)	<u>51.6 dB</u>
L25	<u>48.5 dB</u>
L50	<u>45.8 dB</u>
L90	<u>44.5 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

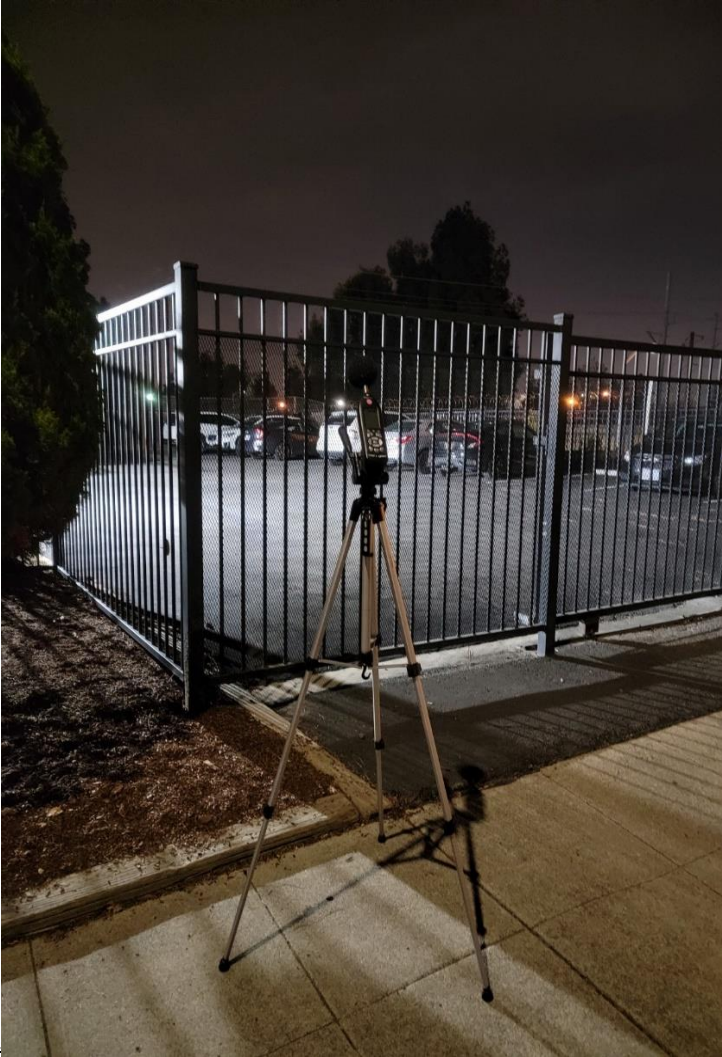
Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Next to multiple family building. Approximately 430 feet SW of the project site.

Noise Measurement Field Notes

Project Name: Vantage CA-3

Noise Measurement #: STNM3 - Night

Nearest Address or Cross Street: Bracher Park, Cortez Drive

Description of Measurement Location (Type of land use, notable features, existing walls or fences and height, ect.):

Measurement was taken next to an existing multiple family building.

Primary Noise Sources: Vehicle noise associated with Bowers Ave. Fan noise associated with

buildings to the north, and train pass-bys approx. 150 and 165 feet to the north.

Secondary Noise Sources: Pedestrians and persons getting in and out of vehicles.

Weather: Overcast

Temperature: 52 F

Wind: 6 mph

Measurement Period: 12:00 - 12:10 AM

Measured Noise Levels:

Leq	<u>50.4 dB</u>
Lmax	<u>67.8 dB</u>
L(2.5)	<u>58.2 dB</u>
L(8.3)	<u>52.4 dB</u>
L(10)	<u>50.8 dB</u>
L25	<u>48.5 dB</u>
L50	<u>47.3 dB</u>
L90	<u>46.3 dB</u>

Notes/Noise Events:

Dominant loud events were train pass-bys

Measurement Speed: ☒ FAST ☐ SLOW

Noise Meter:

Make/Model	<u>Larson Davis LXT Class 1</u>
Serial Number	<u>3992</u>
Factory Calibration Date:	<u>11-Mar-20</u>
Field Calibration Date:	<u>8-Feb-21</u>

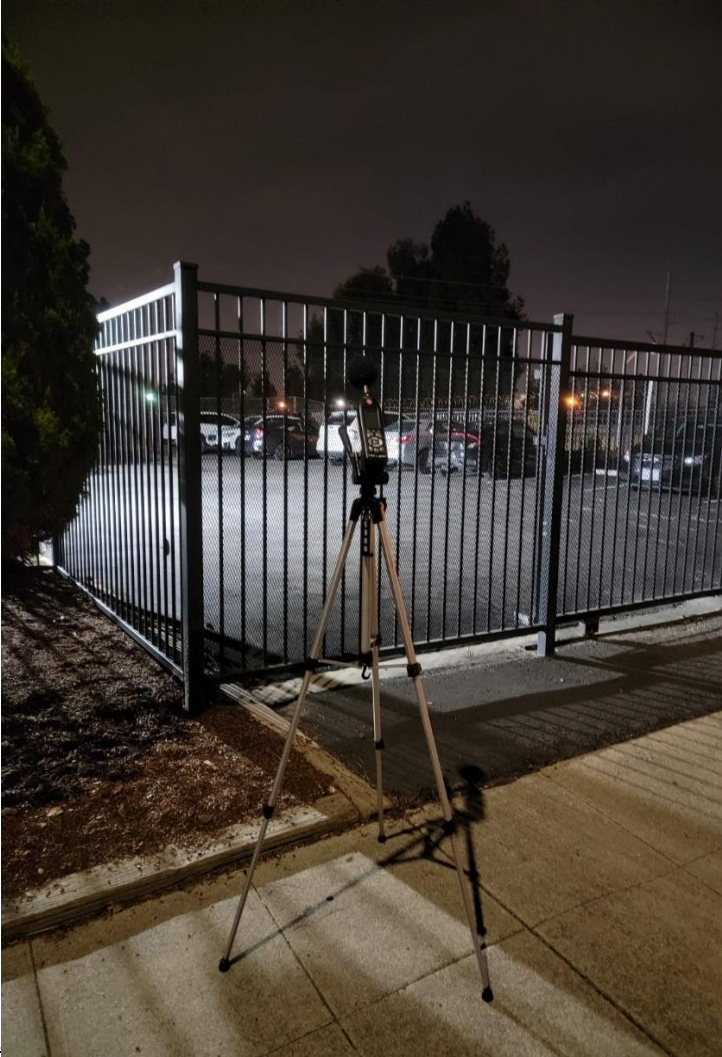
Calibrator:

Make/Model	<u>Larson Davis CAL200</u>
Serial Number	<u>3028</u>
Factory Calibration Date:	<u>3-Mar-20</u>

RAMBOLL

Noise Measurement Field Notes

Photos:



Next to multiple family building. Approximately 430 feet SW of the project site.

APPENDIX B

FIGURES FROM SANTA CLARA GENERAL PLAN NOISE ELEMENT

Figure 5.10-4

**Existing Noise Contours:
Roadways and Rails (2010)**

Traffic Noise Level CNEL in dB(A)

- ≤ 60
- 60 < ≤ 65
- 65 < ≤ 70
- 70 < ≤ 75
- 75 <

- Rail & Light Rail
- Stations
- City Limits

Source: Jones & Stokes, 2009; Metroscan 2007,
Dyett & Bhatia 2009.

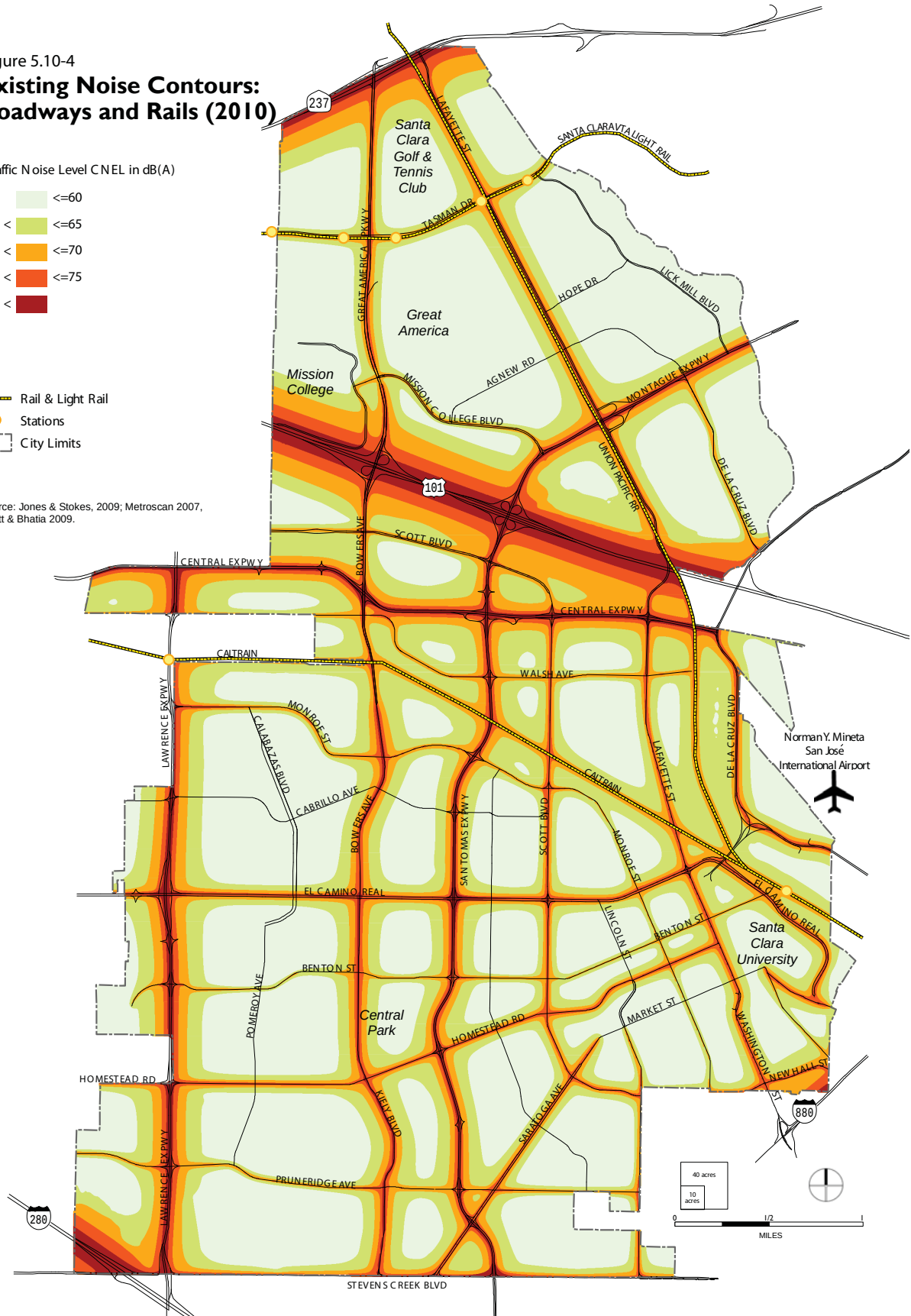
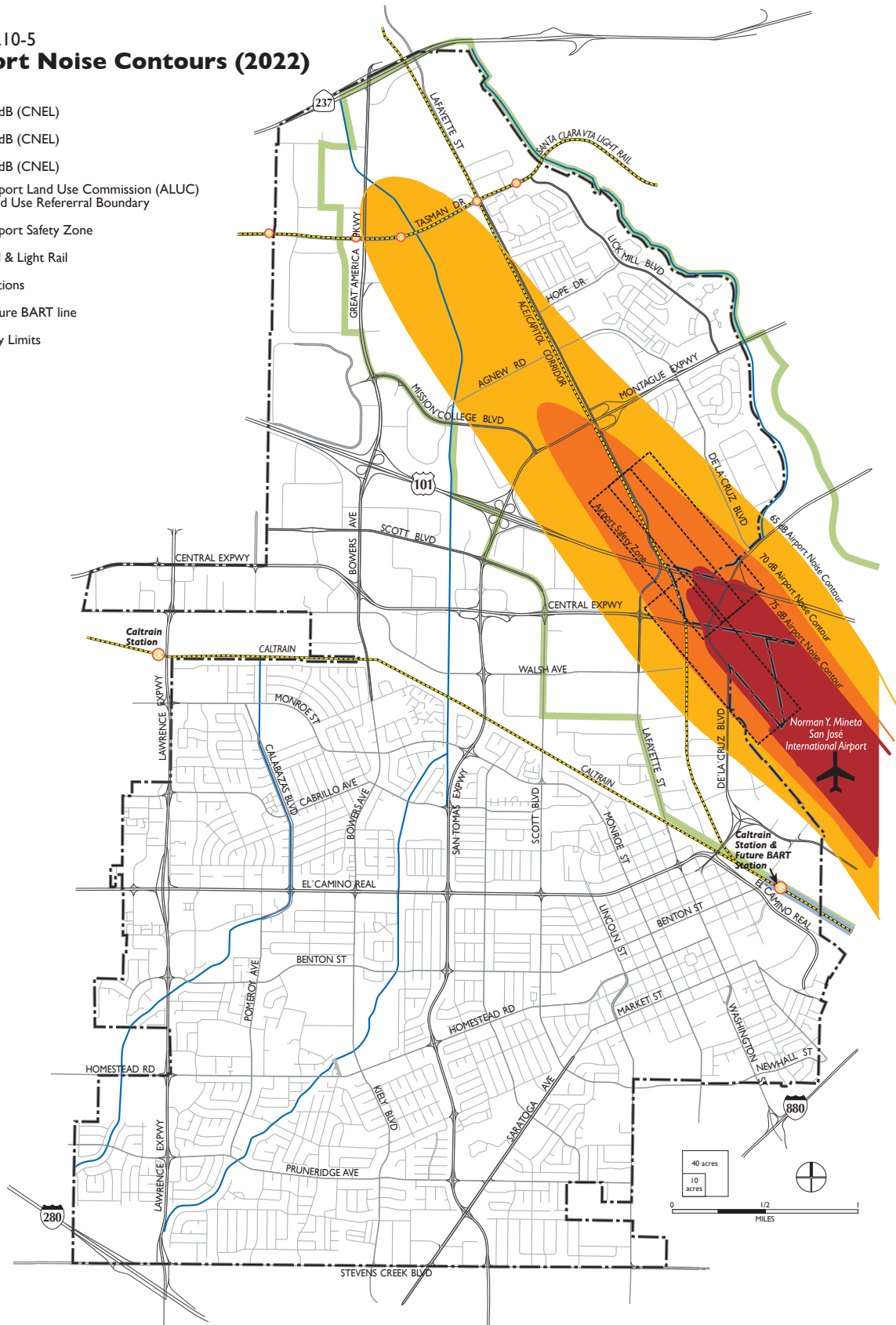




Figure 7.10-5
Airport Noise Contours (2022)

- 75 dB (CNEL)
- 70 dB (CNEL)
- 65 dB (CNEL)
- Airport Land Use Commission (ALUC)
Land Use Referral Boundary
- Airport Safety Zone
- Rail & Light Rail
- Stations
- Future BART line
- City Limits



APPENDIX

RCNM CONSTRUCTION NOISE CALCULATIONS

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 3/28/2021
Case Description: Vantage - MFR Demo

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	65	65	45

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Concrete Saw	No	20		89.6	400	0
Excavator	No	40		80.7	400	0
Excavator	No	40		80.7	400	0
Excavator	No	40		80.7	400	0
Dozer	No	40		81.7	400	0
Dozer	No	40		81.7	400	0

Calculated (dBA)

Equipment	*Lmax	Leq
Concrete Saw	71.5	64.5
Excavator	62.6	58.7
Excavator	62.6	58.7
Excavator	62.6	58.7
Dozer	63.6	59.6
Dozer	63.6	59.6
Total	71.5	68.4

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 3/28/2021
Case Description: MFR Site Preparation

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	65	65	45

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Dozer	No	40		81.7	400	0
Dozer	No	40		81.7	400	0
Dozer	No	40		81.7	400	0
Tractor	No	40	84		400	0
Tractor	No	40	84		400	0
Tractor	No	40	84		400	0
Tractor	No	40	84		400	0

Calculated (dBA)

Equipment	*Lmax	Leq
Dozer	63.6	59.6
Dozer	63.6	59.6
Dozer	63.6	59.6
Tractor	65.9	62
Tractor	65.9	62
Tractor	65.9	62
Tractor	65.9	62
Total	65.9	69.6

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 3/28/2021

Case Description: MFR Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	65	6	45

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Excavator	No	40		80.7	400	0
Grader	No	40	85		400	0
Dozer	No	40		81.7	400	0
Tractor	No	40	84		400	0

Calculated (dBA)

Equipment	*Lmax	Leq
Excavator	62.6	58.7
Grader	66.9	63
Dozer	63.6	59.6
Tractor	65.9	62
Total	66.9	67.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 3/28/2021

Case Description: MFR Building

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	65	65	45

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Crane	No	16		80.6	400	0
Generator	No	50		80.6	400	0
Tractor	No	40	84		400	0
Tractor	No	40	84		400	0
Tractor	No	40	84		400	0
Welder / Torch	No	40		74	400	0

Calculated (dBA)

Equipment	*Lmax	Leq
Crane	62.5	54.5
Generator	62.6	59.6
Tractor	65.9	62
Tractor	65.9	62
Tractor	65.9	62
Welder / Torch	55.9	52
Total	65.9	67.8

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 3/28/2021

Case Description: MFR Coating

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	65	65	45

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Compressor (air)	No	40		77.7	400	0

Calculated (dBA)

Equipment		*Lmax	Leq
Compressor (air)		59.6	55.6
	Total	59.6	55.6

*Calculated Lmax is the Loudest value.

APPENDIX G

VMT and Traffic Memorandum



MEMORANDUM

To: Vantage Data Centers Management Company, LLC

From: Mike Mowery, P.E. and Elizabeth Chau, P.E.
Kimley-Horn and Associates, Inc.

Date: March 5, 2021

Subject: 2590 Walsh Avenue Transportation Operational Analysis (DRAFT)

Vantage Data Centers Management Company, LLC (Vantage) is proposing to demolish an existing 115,500 square-foot office building and construct a 472,180 square-foot data center in Santa Clara, California (City). This memorandum summarizes the assumptions, methodology, and results of a transportation operation analysis conducted for the Project to identify any potential traffic operational implications.

Project Description

The Project is located at 2590 Walsh Avenue in Santa Clara, California. The project consists of redeveloping an existing 115,550-square foot office building into a 472,180-square foot data center. A site plan for the Project is included as **Attachment A**.

Similar to other Vantage sites, the data center will be operational 24-hours, 7-days a week. **Table 1** summarizes the anticipated headcount of personnel and visitors that would be on-site throughout a typical day. It is anticipated that on an average day there will be 33-35 people at the building throughout the day, with 17-30 people in the building at the same time. It should be noted that some personnel will be shared with other Vantage sites within the area and may park at the other sites.

Table 1: Anticipated Average Daily Headcount

Type	Daily Persons	Persons Per Shift
Operational	14	2-9 ¹
Security	5	2-5 ²
Janitor	2	1-2
Tenant Personnel	10-12	10-12
Visitors	2	2
Total	33-35	17-30

¹ Operational staff work in three shifts: day (9 employees), swing (3 employees), and graveyard (2 employees)

² There are 2 security staff stationed at the building and 3 shift rovers that patrol the Project building and nearby Vantage sites.

Transportation Operational Analysis

Kimley-Horn conducted a Transportation Operational Analysis (TOA) which evaluated the Project's potential effect relating to transportation operations. The TOA evaluated the following:

- Trip Generation
- VMT Analysis
- Site Access and Circulation

It should be noted that as of July 1, 2020, the state of California has fully adopted a change in the California Environmental Quality Act (CEQA) significant impact methodology for transportation impacts to use vehicle miles traveled (VMT) as opposed to level of service (LOS) via State Bill 743 (SB 743). To address this change, on June 23, 2020, the City of Santa Clara adopted Resolution No. 20-8861, which updated the City's Transportation Analysis Policy. This analysis is based on the City's updated transportation policy.

TRIP GENERATION

A trip generation analysis was conducted to determine the change in the number of trips the project will generate. The trip generation was determined based on average rates from the Institute of Transportation Engineer's (ITE) publication, *Trip Generation Manual, 10th Edition*. The ITE *Trip Generation Manual, 10th Edition* is a standard reference used by jurisdictions throughout the country for the estimation of trip generation potential of proposed projects. This manual provides trip rates based on land use. For the existing land use, ITE Land Use 710: General Office Building was assumed and ITE Land Use 160: Data Center for the proposed data center. **Table 2** presents the trip generation for the project. The project is expected to generate net new -658 daily trips, -82 trips in the AM peak hour, and -91 trips in the PM peak hour.

LEVEL OF SERVICE ANALYSIS

A level of service analysis was not conducted due to the Project's negative trip generation. The Project will result in a net decrease in trips and would not result in an increase of delay for nearby intersections.

VMT ANALYSIS

VMT Screening

The City's Transportation Analysis Policy provides guidance on when a project may be exempt from performing VMT analysis if the project meets at least one screening criteria based on:

- Small Project
- Local Serving Retail Project
- Local Serving Public Project
- 100% Affordable Housing Project
- Transit Supportive Project

Table 2: Project Trip Generation

ITE Land Use Code		Land Use		Units	Daily	AM Peak			PM Peak		
						Rate	In%	Out%	Rate	In%	Out%
160		Data Center		1,000 Sq Ft	0.99	0.11	55%	45%	0.09	30%	70%
710		General Office Building		1,000 Sq Ft	9.74	1.16	86%	14%	1.15	16%	84%
	ITE Land Use Code	Land Use	Size	Units	Daily Trips	AM Peak			PM Peak		
						Total	In	Out	Total	In	Out
Existing	710	General Office Building	115.500	1,000 Sq Ft	1,125	134	115	19	133	21	112
Proposed	160	Data Center	472.180	1,000 Sq Ft	467	52	29	23	42	13	29
Net New Project Trips					-658	-82	-86	4	-91	-8	-83

Source: ITE Trip Generation Manual, 10th Edition; ITE Trip Generation Handbook, 3rd Edition

Project information was evaluated to determine if the Project would be exempt from a VMT analysis and is summarized in **Table 3**. Based on current project information given for this analysis, a VMT analysis is not required for the Project. Detailed evaluation for each criterion is discussed in the following sections.

Table 3: Project CEQA Screening

CEQA Land Use Screening Criteria	Project Exempt?
Small Project	Yes
Local Serving Retail Project	N/A
Local Serving Public Project	N/A
100% Affordable Housing Project	N/A
Transit Supportive Project	No

Small Project

Small projects are defined as projects that generate fewer than 110 average daily trips. For projects where there is a change use, just like the proposed project, the trips threshold applies to the net number of trips generated by the project. As shown in **Table 2**, the project will generate a net new -658 daily trips, which is less than the 110-daily trip threshold. Therefore, a VMT analysis is not required for the Project.

Local Serving Retail Project

Local Serving Retail Projects are defined as project that are of 50,000 square feet or less or retail land use. The project is not considered retail land uses; therefore, this criterion does not apply.

Local Serving Public Project

Local Serving Public Projects are projects such as fire stations, neighborhood parks, libraries, and community centers. The project is not considered a public project; therefore, this criterion does not apply.

100% Affordable Housing

Project components which consist of 100 percent restricted affordable housing may be exempt. This criterion is not applicable to the Project since this project is not proposing any affordable housing.

Transit Supportive Project

Locations near major transit stops or high-quality transit corridors will have a less-than-significant impact on VMT and may be exempt. This screening may apply for the following project characteristics:

- The Project is located within ½-mile of an existing Major Transit Stop or an existing transit stop along a High-Quality Transit Corridor
- For Office/R&D projects, a minimum Floor Area Ratio of 0.75
- For Residential projects, a minimum density of 35 units/acre
- Project promotes multimodal transportation networks
- Project includes transit-oriented design elements

- No excess parking: the project does not include more parking for use by residents, customers, or employees of the project than required by the City Code
- No loss of affordable dwelling units: the project does not replace affordable residential units with a smaller number of affordable units, and any replacement units are at the same level of affordability

While the project is adjacent to Caltrain tracks, the nearest Caltrain station is the Lawrence Station, which is located 1.2 miles from the project site and would not be considered a Transit Supportive Project.

VTA VMT Evaluation Tool

The Santa Clara Valley Transportation Authority (VTA) in conjunction with Santa Clara County cities, developed the VTA VMT Evaluation Tool. This tool allows city staff, consultants, and developments to measure VMT for land use projects within Santa Clara County. **Table 4** presents the VMT without and with the Project. The Project would result in a decrease in VMT, which would result in a less-than-significant impact. The VTA VMT Evaluation outputs are included in **Attachment B**.

Table 4: VTA VMT Estimation

	VMT per Worker
Without Project	15.16
With Project	15.13
Difference	-0.10

SITE ACCESS AND CIRCULATION

Kimley-Horn qualitatively reviewed the site plan (**Attachment A**) for on-site vehicular access, circulation, and parking for overall safety access and parking considerations.

Site Access

Overall access to the site would be restricted. For vehicle access, vehicles will be able enter the site from the gated entrance located at the eastern driveway and the western driveway. However, the security protocols will most likely require vehicles to enter through the security checkpoint located at the eastern driveway. Vehicles exiting the site may exit from the western or eastern driveways.

For pedestrian traffic, the site is accessible via the sidewalk along Walsh Avenue. Pedestrians would enter the site through the gated entrance located adjacent to the vehicle entrance at the eastern driveway. Bicyclists may access the site through Class II bicycle lanes along Bowers Avenue and Scott Boulevard. There are no existing or planned bicycle facilities along Walsh Avenue. For transit, there is a bus stop for the ACE Yellow bus route at the intersection of Walsh Avenue and Northwestern Parkway, approximately 300 feet (0.1 miles) away from the project. In addition, there is a bus stop for Route 57 located at the intersection of Walsh Avenue and Bowers Avenue, approximately 1,850 feet (0.4 miles) from the project site. Transit riders may use the sidewalks along Walsh Avenue to access the site.

Overall, the review of the site plan found no deficiencies related to site access. In addition, the Project does not conflict with any pedestrian, bicycle, or transit plans.

Site Circulation

Truck turning movement evaluations were conducted for each of the Project driveways. The evaluation determined if a CA Legal semi-truck could enter or exit from either driveway even if the proposed site access does allow for that movement. A truck may need to make these maneuvers in case of emergency.

Attachment C illustrates turning movements for a truck traveling in the eastbound direction along Walsh Avenue. At the western driveway, trucks are able to exit the site, but are unable to enter the site due to the acute angle of the driveway with Walsh Avenue. At the eastern driveway, trucks are able to enter the site, but may conflict with proposed curbs when exiting from the western driveway.

Attachment D illustrates turning movements for a truck traveling in the westbound direction along Walsh Avenue. Trucks are able to make inbound and outbound movements at the western driveway. At the eastern driveway, trucks are able to enter the site, but may conflict with proposed curbs when exiting from the eastern driveway.

While the evaluation found some movements infeasible, there are no major site circulation deficiency since trucks are able to enter or exit through at least one of the Project's driveways. It is recommended that trucks not be allowed to exit from the eastern driveway due to the conflict with proposed curbs.

Parking

Table 5 summarizes the parking requirements for the Project. Santa Clara City Code 18.74.0.0 for data centers requires one parking space per four thousand (4,000) square feet of gross floor area; however the Client is requesting a parking exception of one parking space per five thousand (5,000) square feet of gross floor area. The gross floor area of the project is 472,180-square feet which equates to 95 required parking spaces. The site plan proposes a total of 36 parking spaces, which is 59 spaces deficient from the City's requirements. Providing the 95 spaces would result in excess parking spaces, due to the anticipated parking demand. As previously discussed, Vantage anticipates 17 to 30 people on-site during the same period, where some personnel may park their vehicles at other Vantage sites within the area. The highest number of total daily employees is 35 persons, which is less than the proposed 36 spaces. Therefore, the proposed 36 spaces can accommodate the anticipated parking demand.

Table 5: Parking Requirements

Facility	Size	Santa Clara Municipal Code Requirements		
		Land Use Description	Requirement	Parking Spaces Required
Data Center	472,180 SF	Data Center	1 space for each 5,000 square feet of gross floor area	95
Proposed Parking Spaces				36
Parking Surplus (+) / Deficient (-)				-59

Conclusion

A transportation operational analysis (TOA) was conducted to determine the Project's potential effect relating to transportation operation. The TOA included a trip generation analysis, VMT analysis, and site access and circulation evaluation. The trip generation calculations resulted in the Project generating net new -658 daily trips, -82 trips in the AM peak hour, and -91 trips in the PM peak hour. Since the Project is reducing the number of trips, it is anticipated that the Project would not increase the delay at any surrounding intersections. A VMT analysis will not be required for the Project since it is a redevelopment project that does not exceed the 110-daily trip threshold. Site access and circulation evaluation found that the site will provide adequate site access and circulation; however the proposed parking (36 spaces) is less than City's requirements (95 spaces). However, providing 95 spaces would result in excess parking since the estimated parking demand ranges from 17 to 30 vehicles and can be accommodated by the proposed 36 parking spaces.

Attachment A – Site Plan

Attachment B – VTA VMT Evaluation Outputs

Attachment C – Eastbound Truck Turning Movements

Attachment D – Westbound Truck Turning Movements



Attachment A – Site Plan



VANTAGE
DATA CENTERS

SHEEHAN
NAGLE
HARTRAY
ARCHITECTS

MEP ENGINEER



KW
Mission Critical Engineering
40 E. Rio Salado
Parkway, 4th Floor
602.568.3144



**CUPERTINO
ELECTRIC**
1132 NORTH 7TH STREET
SAN JOSE, CA 95112
(408) 808-8000
C-10 LIC NO. 174637

STRUCTURAL ENGINEER

CIVIL ENGINEER



RUTH AND GOING, INC.
Civil Engineering Land Surveying
Planning
2216 THE ALAMEDA SANTA CLARA, CA 95050
(408) 236-2400 FAX (408) 236-2410

LANDSCAPE ARCHITECT



REED ASSOCIATES
LANDSCAPE ARCHITECTURE
477 SOUTH TAAFFE STREET
SUNNYSIDE, CALIFORNIA 94099
PHONE: 408-481-9920

PROGRESS SET
NOT FOR CONSTRUCTION

[illegible]

VANTAGE CA31
2590 WALSH AVENUE
SANTA CLARA, CA 95051

MASTERPLAN

ARCHITECTURAL SITE PLAN

A0

SCALE: AS NOTED



TOTAL BUILDING AREA : 469,941 SF
TOTAL SITE AREA : 291,616 SF

FAR : 1.61

WALSH AVENUE

— PROPERTY LINE, TYPICAL
— 10'-0" GENERAL PURPOSE
EASEMENT, PER CIVIL

— UNDERGROUND
ELECTRICAL EASEMENT
PER CIVIL

ELECTRICAL UTILITY
EASEMENT, REC.CRA

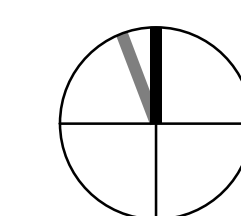
5'-0" WIRE CLEARANCE
EASEMENT PER CHM

20'-0" GENERAL
PURPOSE EASEMENT,
PER CIVIL

— EXISTING ELECTRICAL
POLE, TYPICAL

1 ARCHITECTURAL SITE PLAN
3/64" = 1'-0"

GENERAL NOTES



6

5

4

3

2

1



Attachment B – VTA VMT Evaluation Outputs

Santa Clara Countywide VMT Evaluation Tool Report

Project Details

Timestamp of Analysis: March 03, 2021, 02:09:40 PM
Project Name: Vantage 2590 Walsh Avenue
Project Description: Replacing office land use with industrial land use.

Project Location

Jurisdiction:
Santa Clara

APN	TAZ
21628112	1227

Inside Transit Priority Area (TPA)?
Yes (Pass)

Analysis Details

Santa Clara Countywide VMT Evaluation Tool Version: 1
Data Version: VTA Countywide Model December 2019
Analysis Methodology: TAZ
Baseline Year: 2020

Project Land Use

Residential:

Single Family DU:

Multifamily DU:

Total DUs: 0

Non-Residential:

Office KSF: -115

Local Serving Retail KSF:

Industrial KSF: 472

Residential Affordability (percent of all units):

Extremely Low Income: 0 %

Very Low Income: 0 %

Low Income: 0 %

Parking:

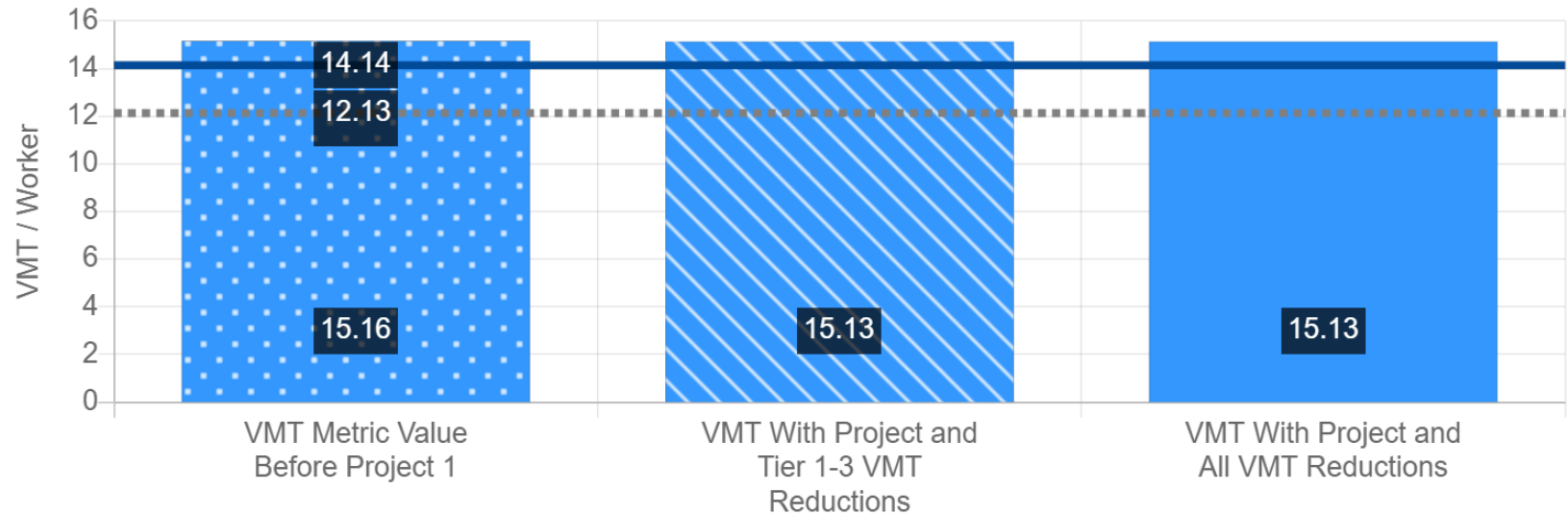
Motor Vehicle Parking:

Bicycle Parking:

Industrial Vehicle Miles Traveled (VMT) Screening Results

Land Use Type 1:	Industrial
VMT Without Project:	Home-based Work VMT per Worker
VMT Baseline Description 1:	County Average
VMT Baseline Value 1:	16.64
VMT Threshold Description 1:	-15%
Land Use 1 has been Pre-Screened by the Local Jurisdiction:	N/A

	Without Project	With Project & Tier 1-3 VMT Reductions	With Project & All VMT Reductions
Project Generated Vehicle Miles Traveled (VMT) Rate	15.16	15.13	15.13
Low VMT Screening Analysis	No (Fail)	No (Fail)	No (Fail)



— Land Use 1 Threshold VMT: 14.14 --- Land Use 1 Max Reduction Possible: 12.13 ■ VMT Values

Tier 1 Project Characteristics

PC01 Increase Residential Density

Existing Residential Density:	
With Project Residential Density:	

PC02 Increase Residential Diversity

Existing Residential Diversity Index:	0.64
With Project Residential Diversity Index:	0.37

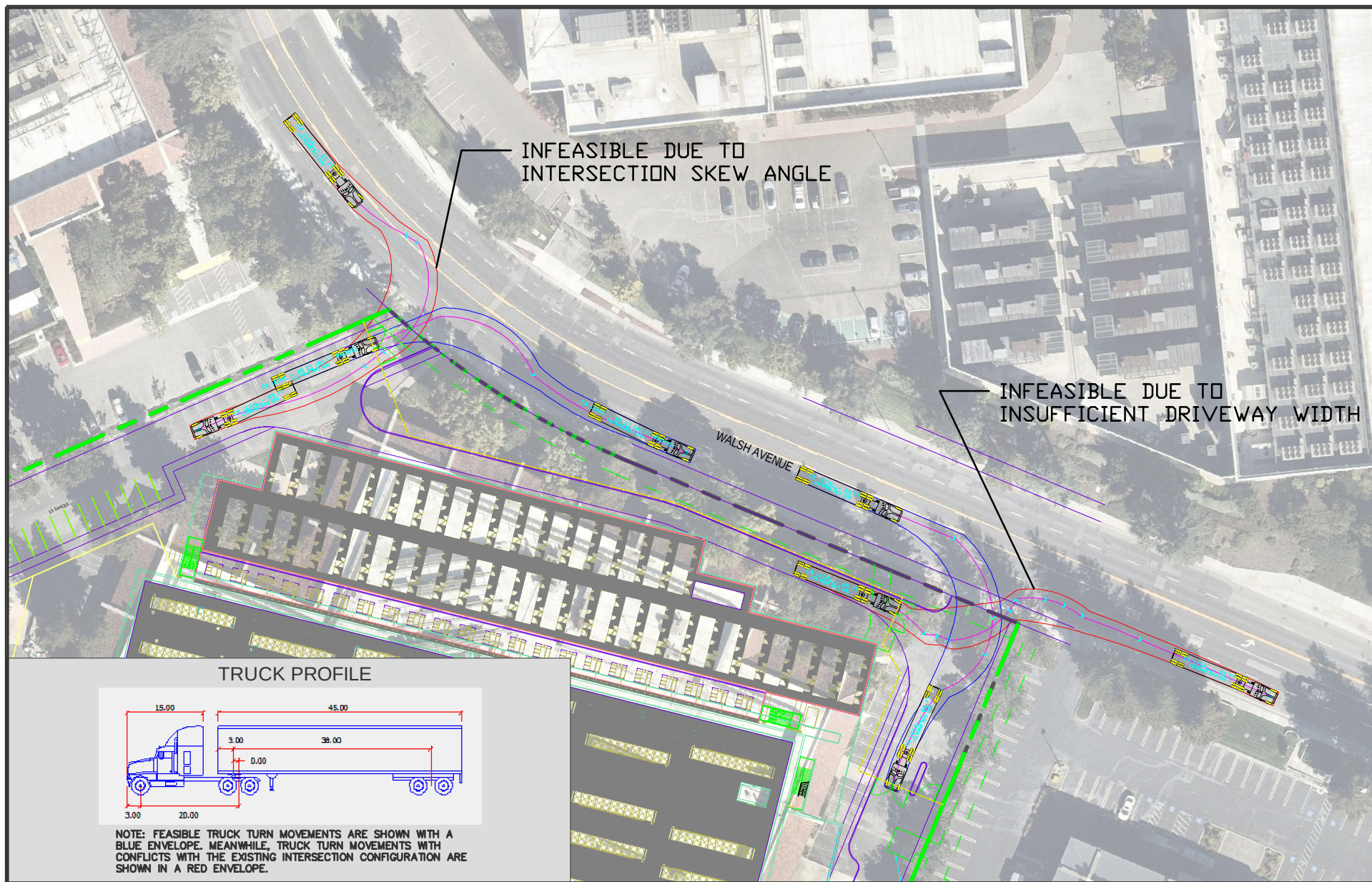
PC03 Affordable Housing

PC04 Increase Employment Density

Existing Employment Density:	37.21
With Project Employment Density:	39.33

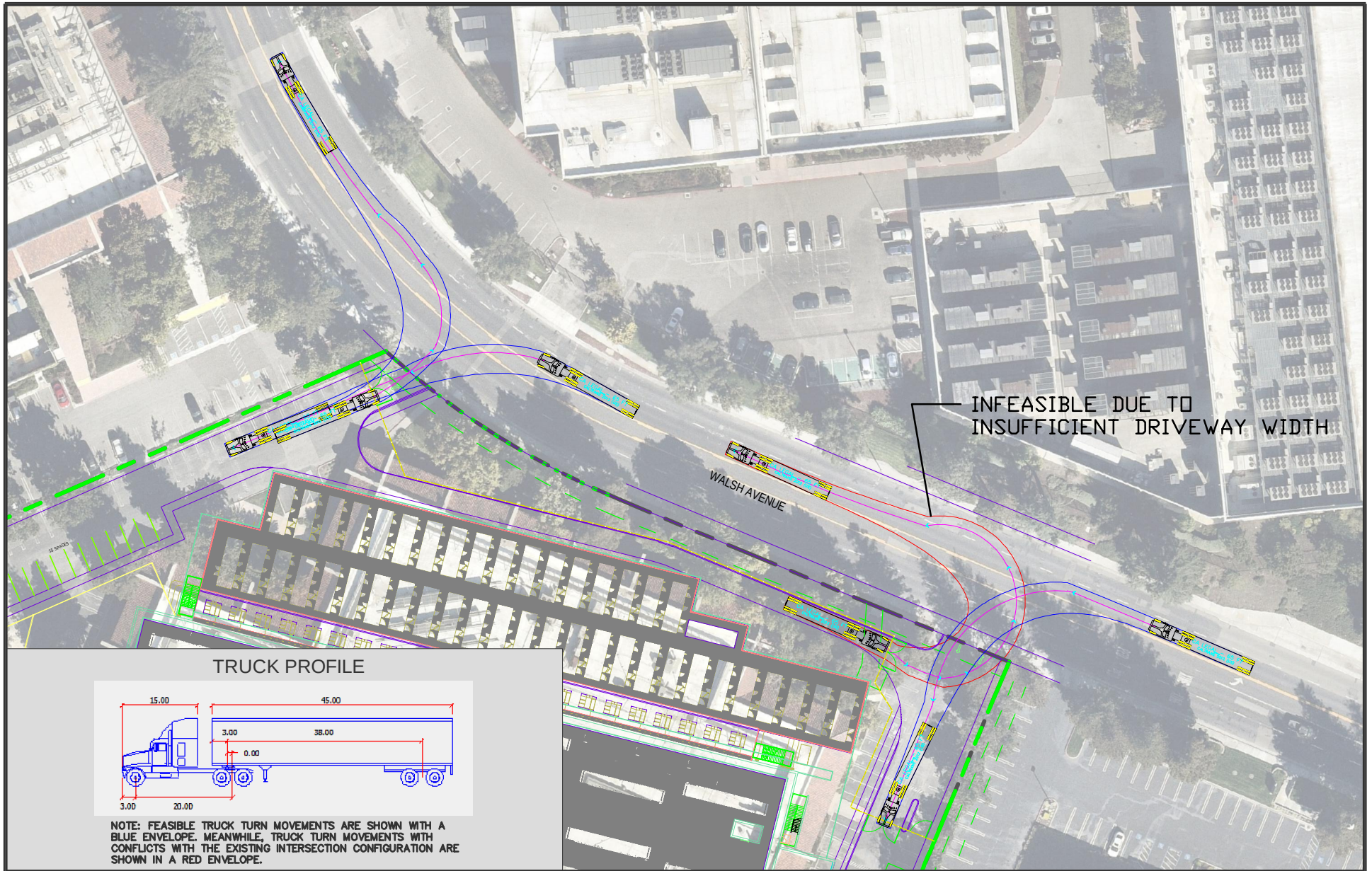


Attachment C: Eastbound Truck Turning Movements



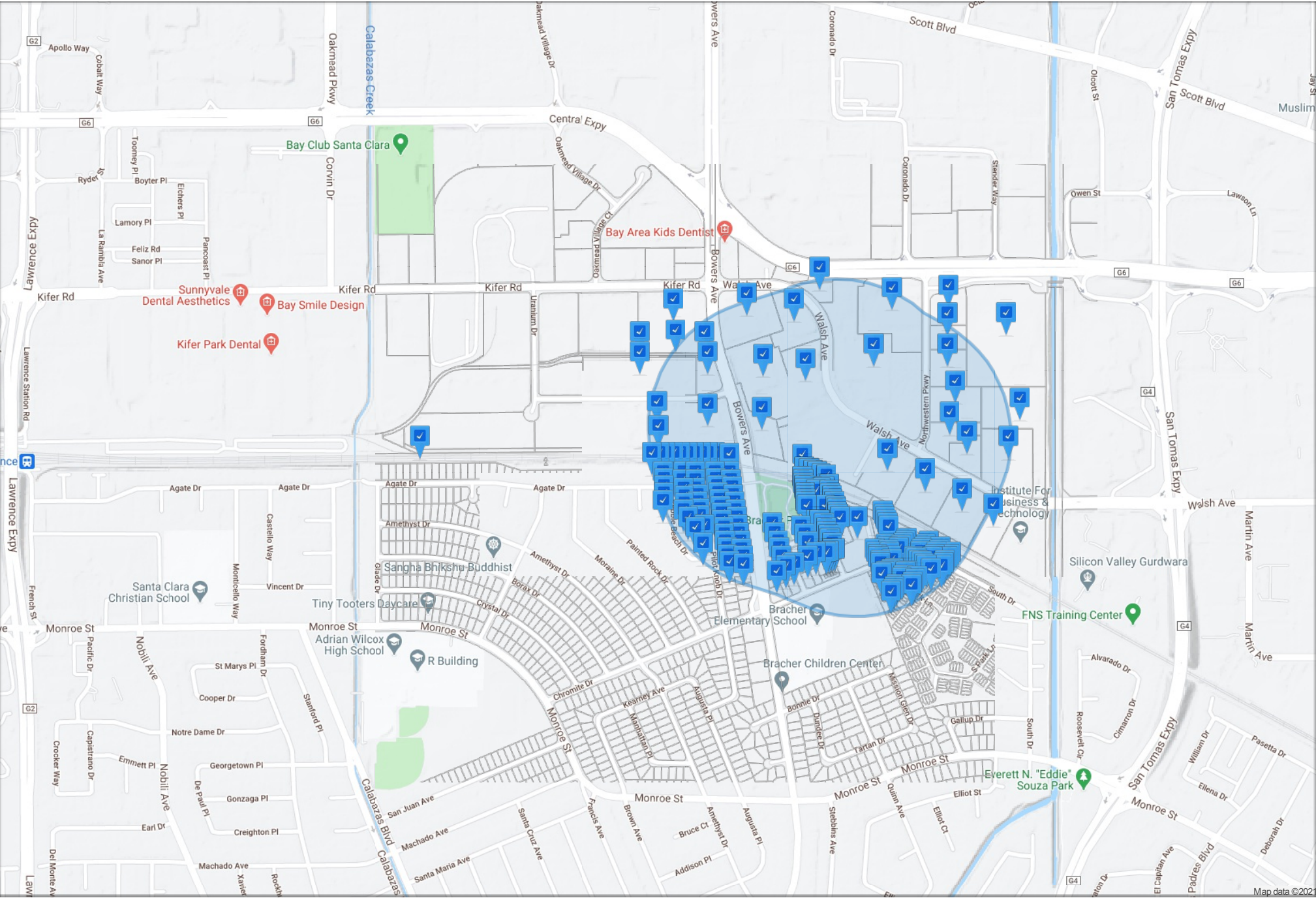


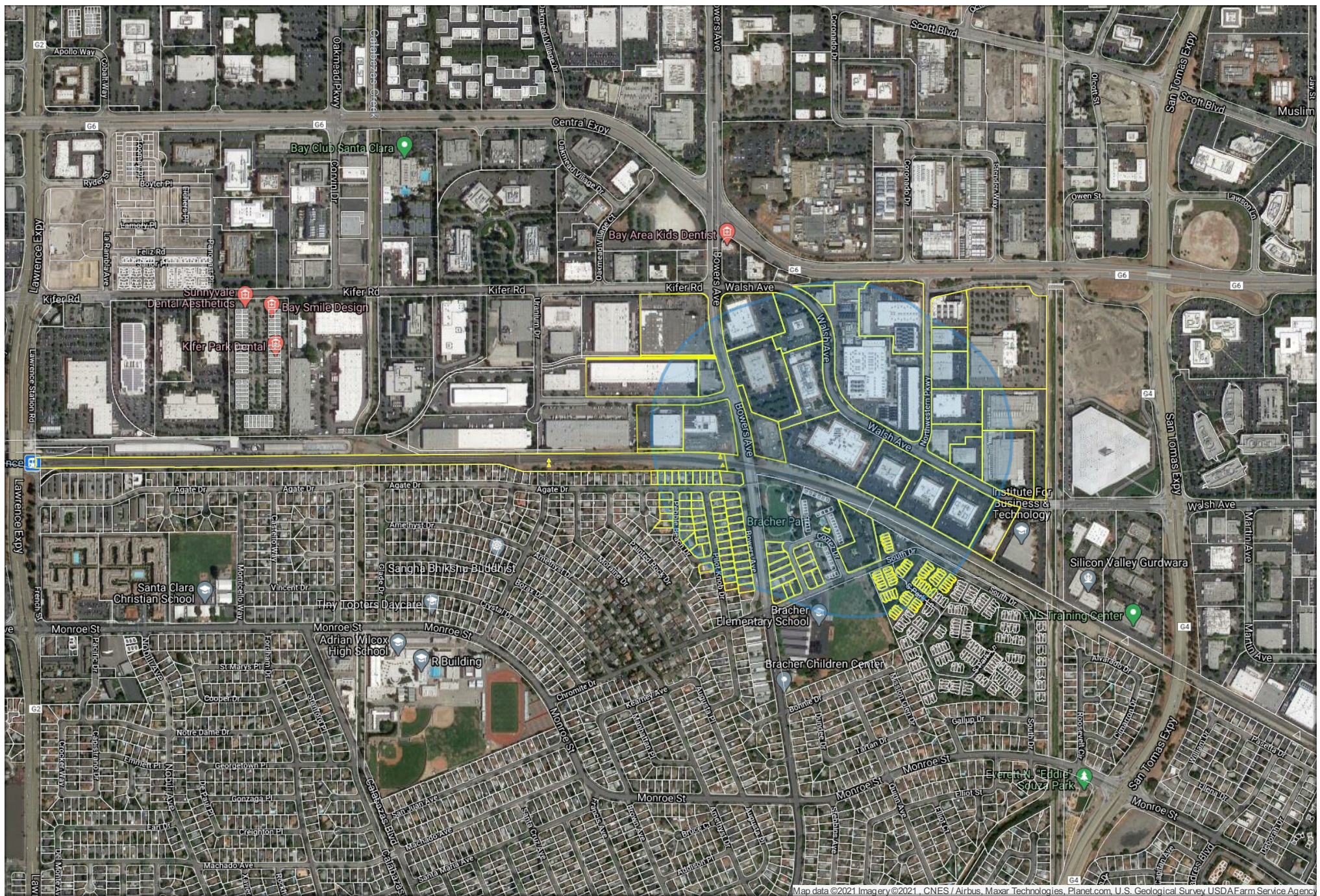
Attachment D: Westbound Truck Turning Movements



APPENDIX H

Notification List





Seven Line Report

Santa Clara County Data as of: 02/26/2021

Number of Properties: 254

1	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sptc Esmt Willcox Properties Santa Clara, CA 95051 1500 Sansome St #102, San Francisco, CA 94111 216-28-088 / 02/28/1977	Land Use: Sale Price / Type: Land Value:	Residential (NEC) 	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 1,619 / 0.04 0 0 / 0
2	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sptc, Esmt Murra N U Santa Clara, CA 95051 1500 Sansome St #102, San Francisco, CA 94111 216-28-090 / 02/28/1977	Land Use: Sale Price / Type: Land Value:	Residential (NEC) 	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 10,467 / 0.24 0 0 / 0
3	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sptc, Esmt Sanford David E Santa Clara, CA 95051 1500 Sansome St #102, San Francisco, CA 94111 216-28-086 / 02/28/1977	Land Use: Sale Price / Type: Land Value:	Residential (NEC) 	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 9,451 / 0.22 0 0 / 0
4	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Peninsula Corridor Joint Powers Board Santa Clara, CA 95051 1250 San Carlos Ave, San Carlos, CA 94070 216-28-033	Land Use: Sale Price / Type: Land Value:	Residential (NEC) 	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 522,680 / 12.00 0 0 / 0
5	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sptc Esmt Edelman Bert S Trustee Santa Clara, CA 95051 216-28-097 / 02/28/1978	Land Use: Sale Price / Type: Land Value:	Residential (NEC) 	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 10,799 / 0.25 0 0 / 0
6	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	SB Investments LLC 2769 Agate Dr, Santa Clara, CA 95051 18937 Cabernet Dr, Saratoga, CA 95070, (No Mail) Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 14 216-23-052 02/28/2011 / 03/25/2011 \$1,276,901	Land Use: Sale Price / Type: Land Value:	Multi Family Dwelling \$1,090,000 / Full Va... \$904,375	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 6,194 18,375 / 0.42 10 / 10 0 0 / 0 \$372,526
7	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Montemayor, Karl J 2799 Agate Dr, Santa Clara, CA 95051 2799 Agate Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 658 216-23-002 04/26/2010 / 04/28/2010 \$481,552	Land Use: Sale Price / Type: Land Value:	SFR \$408,000 / Full Value \$385,244	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,775 / 0.13 1 / 3 1 / \$96,308

8	Owner Name:	Agustin, Diosdado / Agustin, Ofelia	Year Built / Eff:	1954 / 1954
	Site Address:	2809 Agate Dr, Santa Clara, CA 95051	Living Area:	1,936
	Mailing Address:	2809 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,508 / 0.13
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 659	Res / Comm Units:	1 /
	APN:	216-23-003	Bedrooms:	4
	Sale / Rec Date:	06/24/2011 / 06/29/2011	Baths (F / H):	3 /
	Assessed Value:	\$617,358	Improvement Value:	\$123,468
9	Owner Name:	Jackson, Shawn / Jackson, Aimee E / Pecho Wilfredo P / Pecho Amalia V	Year Built / Eff:	1954 / 1954
	Site Address:	2819 Agate Dr, Santa Clara, CA 95051	Living Area:	1,144
	Mailing Address:	2819 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,559 / 0.13
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 660	Res / Comm Units:	1 /
	APN:	216-23-004	Bedrooms:	4
	Sale / Rec Date:	07/09/2018 / 07/23/2018	Baths (F / H):	1 /
	Assessed Value:	\$1,122,000	Improvement Value:	\$255,000
10	Owner Name:	Baltazar Jeffrey Trustee & Baltazar Baltazar Raquel L Trustee	Year Built / Eff:	1954 / 1954
	Site Address:	2829 Agate Dr, Santa Clara, CA 95051	Living Area:	1,736
	Mailing Address:	2829 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 661	Res / Comm Units:	1 /
	APN:	216-23-005	Bedrooms:	5
	Sale / Rec Date:	07/18/1995 / 07/25/1995	Baths (F / H):	3 /
	Assessed Value:	\$432,722	Improvement Value:	\$323,364
11	Owner Name:	Osuna, Arturo D	Year Built / Eff:	1954 / 1954
	Site Address:	2839 Agate Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2839 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 662	Res / Comm Units:	1 /
	APN:	216-23-006	Bedrooms:	3
	Sale / Rec Date:	06/10/1994 / 06/17/1994	Baths (F / H):	1 /
	Assessed Value:	\$408,064	Improvement Value:	\$142,272
12	Owner Name:	Gutierrez, Nicasio / Gutierrez, Hidelisa / Gutierrez Michael A	Year Built / Eff:	1954 / 1954
	Site Address:	2849 Agate Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2849 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 663	Res / Comm Units:	1 /
	APN:	216-23-007	Bedrooms:	3
	Sale / Rec Date:	04/01/2019 / 04/04/2019	Baths (F / H):	1 /
	Assessed Value:	\$346,009	Improvement Value:	\$148,913
13	Owner Name:	Somera, Expedito	Year Built / Eff:	1954 / 1954
	Site Address:	2859 Agate Dr, Santa Clara, CA 95051	Living Area:	1,311
	Mailing Address:	2859 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 664	Res / Comm Units:	1 /
	APN:	216-23-008	Bedrooms:	3
	Sale / Rec Date:	/ 03/24/1978	Baths (F / H):	2 /
	Assessed Value:	\$137,568	Improvement Value:	\$85,611
14	Owner Name:	Enos Gloria A Trustee	Year Built / Eff:	1954 / 1954
	Site Address:	2869 Agate Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2869 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 665	Res / Comm Units:	1 /
	APN:	216-23-009	Bedrooms:	3
	Sale / Rec Date:		Baths (F / H):	1 /
	Assessed Value:	\$53,804	Improvement Value:	\$27,854
15	Owner Name:	Doan, Duke H / Nguyen, Lily	Year Built / Eff:	1954 / 1954
	Site Address:	2879 Agate Dr, Santa Clara, CA 95051	Living Area:	1,538
	Mailing Address:	2879 Agate Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,940 / 0.14
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 666	Res / Comm Units:	1 /
	APN:	216-23-010	Bedrooms:	4
	Sale / Rec Date:	07/16/1993 / 07/23/1993	Baths (F / H):	3 /
	Assessed Value:	\$333,945	Improvement Value:	\$230,141

16	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Malviya, Yogesh / Malviya, Neha 2889 Agate Dr, Santa Clara, CA 95051 2889 Agate Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 667 216-23-011 09/07/2017 / 09/29/2017 \$1,036,329	Land Use: SFR Sale Price / Type: \$898,000 / Full Value Land Value: \$832,320	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,395 5,940 / 0.14 1 / 3 1 / \$204,009
17	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2500 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 8 216-15-014 \$195,999	Land Use: Multi Family Dwelling Sale Price / Type: \$63,355 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 8,400 / 0.19 4 / 4 0 0 / 0 \$132,644
18	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2509 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 9 216-15-003 \$195,998	Land Use: Multi Family Dwelling Sale Price / Type: \$63,354 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 7,930 / 0.18 4 / 4 0 0 / 0 \$132,644
19	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2510 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 5 216-15-013 \$211,845	Land Use: Multi Family Dwelling Sale Price / Type: \$63,355 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 12,871 / 0.30 4 / 4 0 0 / 0 \$148,490
20	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2519 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 11 216-15-004 \$195,998	Land Use: Multi Family Dwelling Sale Price / Type: \$63,354 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 8,375 / 0.19 4 / 4 0 0 / 0 \$132,644
21	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2520 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 4 216-15-012 \$326,558	Land Use: Multi Family Dwelling Sale Price / Type: \$65,465 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 11,834 / 0.27 4 / 8 0 0 / 0 \$261,093
22	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2529 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 12 216-15-005 \$195,998	Land Use: Multi Family Dwelling Sale Price / Type: \$63,354 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 8,375 / 0.19 4 / 4 0 0 / 0 \$132,644
23	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2530 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 3 216-15-011 \$213,325	Land Use: Multi Family Dwelling Sale Price / Type: \$65,465 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1963 / 1963 4,030 10,248 / 0.24 4 / 4 0 0 / 0 \$147,860

24	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2540 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 2 216-15-010 Land Use: Multi Family Dwelling Sale Price / Type: Land Value: \$65,467	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1963 / 1963 3,948 10,500 / 0.24 4 / 8 0 0 / 0 \$285,598
25	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2550 Alhambra Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 1 216-15-009 Land Use: Multi Family Dwelling Sale Price / Type: Land Value: \$63,354	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 10,000 / 0.23 4 / 4 0 0 / 0 \$132,644
26	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Santa Clara City Of Bowers Ave, Santa Clara, CA 95051 Bowers Ave, Santa Clara, CA 95051 Lot C 216-28-062 Land Use: Residential (NEC) Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 85,595 / 1.96 0 0 / 0 0 / 0
27	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Peninsula Corridor Joint Powers Board Bowers Ave, Santa Clara, CA 95051 1250 San Carlos Ave, San Carlos, CA 94070 216-28-121 Land Use: Residential (NEC) Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	0 / 0 140,426 / 3.22 0 0 / 0 0 / 0
28	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Moss Angelina S Trustee & Moss Moss Arvil Ray JR Trustee 2520 Bowers Ave, Santa Clara, CA 95051 1555 W Edmundson Ave, Morgan Hill, CA 95037 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 27 216-16-098 Land Use: Multi Family Dwelling Sale Price / Type: Land Value: \$32,509	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 3 0 0 / 0 \$73,065
29	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Bose, Efren T 2530 Bowers Ave, Santa Clara, CA 95051 2211 Francis Ave, Santa Clara, CA 95051 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 26 216-16-097 Land Use: Multi Family Dwelling Sale Price / Type: \$240,000 / Land Value: \$145,652	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$291,333
30	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Noveen Inc 2540 Bowers Ave, Santa Clara, CA 95051 1072 S De Anza Blvd #432, San Jose, CA 95129 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 25 216-16-096 Land Use: Multi Family Dwelling Sale Price / Type: \$800,000 / Full Value Land Value: \$844,296	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$324,729
31	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ahmed Salah A & Shayesteh M Trustee 2550 Bowers Ave, Santa Clara, CA 95051 18943 Palo Oaks Ct, Saratoga, CA 95070 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 24 216-16-095 Land Use: Multi Family Dwelling Sale Price / Type: \$260,000 / Land Value: \$155,404	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$248,653

32	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wong Wayne Wing Yip & Meggy Yim Ping Trus 2560 Bowers Ave, Santa Clara, CA 95051 692 Timberpine Ave, Sunnyvale, CA 94086 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 23 216-16-094 Land Use: Multi Family Dwelling / 10/22/1980 Sale Price / Type: \$305,491 Land Value: \$139,332	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$166,159
33	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ubarre Melecio U & Lourdes H Trustee 2570 Bowers Ave, Santa Clara, CA 95051 2522 Elliot St, Santa Clara, CA 95051 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 22 216-16-093 Land Use: Multi Family Dwelling / 05/29/1987 Sale Price / Type: \$270,000 / \$481,984 Land Value: \$160,655	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$321,329
34	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wong Miusin S Trustee & Wong 2580 Bowers Ave, Santa Clara, CA 95051 821 Sweetbay Dr, Sunnyvale, CA 94086 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 21 216-16-092 Land Use: Multi Family Dwelling / 04/10/1980 Sale Price / Type: \$81,000 / \$288,216 Land Value: \$139,332	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$148,884
35	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ngo Sonny B & Trina Trinh Trustee 2590 Bowers Ave, Santa Clara, CA 95051 154 Sweetberry Ct, San Jose, CA 95136 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 20 216-16-091 Land Use: Multi Family Dwelling 01/21/2004 / 01/28/2004 Sale Price / Type: \$680,000 / Full Value \$884,021 Land Value: \$780,025	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$103,996
36	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Gackste Survivors Trust 2600 Bowers Ave, Santa Clara, CA 95051 615 Barto St, Santa Clara, CA 95051 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 19 216-16-090 Land Use: Multi Family Dwelling 01/08/2020 / 01/10/2020 Sale Price / Type: \$1,465,000 / Full Va... \$400,567 Land Value: \$145,652	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$254,915
37	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ho, Dom T & Delia E 1989 Trust / Ho, Dom T 2610 Bowers Ave, Santa Clara, CA 95051 15911 Highland Dr, San Jose, CA 95127 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 18 216-16-089 Land Use: Multi Family Dwelling Sale Price / Type: \$140,432 Land Value: \$43,701	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$96,731
38	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ubarre Melecio U & Lourdes H Trustee 2620 Bowers Ave, Santa Clara, CA 95051 2522 Elliot St, Santa Clara, CA 95051 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 17 216-16-088 Land Use: Multi Family Dwelling / 01/03/1984 Sale Price / Type: \$180,000 / \$340,968 Land Value: \$113,649	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 32,832 7,500 / 0.17 3 / 0 0 / 0 \$227,319
39	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hobson Nadine Trustee 2630 Bowers Ave, Santa Clara, CA 95051 175 Highland Ave, Los Gatos, CA 95030 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 16 216-16-087 Land Use: Multi Family Dwelling / 06/15/1979 Sale Price / Type: \$251,233 Land Value: \$81,197	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,832 7,500 / 0.17 3 / 0 0 / 0 \$170,036

40	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Castro, Abel Beas / Beas, Irma 2640 Bowers Ave #1, Santa Clara, CA 95051 2640 Bowers Ave, Santa Clara, CA 95051 Tract 3184 Alhambra Gardens Book 156 Page 19 Lot 15 216-16-086 02/12/1999 / 02/19/1999 \$610,743	Land Use: Multi Family Dwelling Sale Price / Type: \$410,000 / Full Value Land Value: \$385,850	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1964 / 1964 2,464 6,900 / 0.16 3 / 0 0 / 0 \$224,893
41	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Keypoint Credit Union 2805 Bowers Ave, Santa Clara, CA 95051 2805 Bowers Ave, Santa Clara, CA 95051 Lot A 216-28-063 01/01/1996 / 01/08/1996 \$13,543,375	Land Use: Industrial (NEC) Sale Price / Type: \$4,803,500 / Land Value: \$7,247,793	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1975 / 1976 101,907 232,408 / 5.34 1 / 4 0 0 / 0 \$6,295,582
42	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Jst Commercial Prop LLC 2810 Bowers Ave, Santa Clara, CA 95051 2050 Seabrook Ct, Redwood City, CA 94065 Lot 3 216-28-087 07/13/2017 / 07/19/2017 \$6,117,552	Land Use: Industrial (NEC) Sale Price / Type: \$5,880,000 / Full Va... Land Value: \$4,754,628	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1974 / 1975 20,912 49,376 / 1.13 1 / 1 0 0 / 0 \$1,362,924
43	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ipx Walsh Bowers Investors LP 2855 Bowers Ave, Santa Clara, CA 95051 225 W Santa Clara St #12, San Jose, CA 95113 216-28-077 02/14/2017 / 02/17/2017 \$19,313,985	Land Use: Financial Building Sale Price / Type: \$31,550,000 / Land Value: \$16,979,328	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1975 / 1985 61,500 171,899 / 3.95 2 / 0 0 / 0 \$2,334,657
44	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2689 Chromite Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 10 216-15-002 \$195,999	Land Use: Multi Family Dwelling Sale Price / Type: \$63,355 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 7,320 / 0.17 4 / 4 0 0 / 0 \$132,644
45	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2719 Chromite Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 7 216-15-015 \$195,999	Land Use: Multi Family Dwelling Sale Price / Type: \$63,355 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 7,200 / 0.17 4 / 4 0 0 / 0 \$132,644
46	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2729 Chromite Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 6 216-15-016 \$195,999	Land Use: Multi Family Dwelling Sale Price / Type: \$63,355 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1963 / 1963 1,624 10,200 / 0.23 2 / 4 0 0 / 0 \$132,644
47	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Nvidia Corporation 2400 Condensa St #23, Santa Clara, CA 95051 2788 San Tomas Expy, Santa Clara, CA 95051 216-28-128 \$30,026,204	Land Use: R&D Facility Sale Price / Type: Land Value: \$19,817,296	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1970 / 1998 215,548 477,211 / 10.96 1 / 0 0 / 0 \$10,208,908

48	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Peak Realty Investment LLC 2500 Condensa St, Santa Clara, CA 95051 2625 Walsh Ave, Santa Clara, CA 95051 Lot S 216-28-048 04/01/2016 / 04/01/2016 \$32,441,379	Land Use: Sale Price / Type: Land Value:	Industrial Acreage \$7,585,500 / Full Va... \$8,210,463	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1974 / 24,272 71,241 / 1.64 2 / 2 0 0 / 0 \$24,230,916
49	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Watson, Jennifer 2600 Cortez Dr #6101, Santa Clara, CA 95051 4858 Dolores Dr, Pleasanton, CA 94566 Tract 9763 216-57-062 06/14/2011 / 06/29/2011 \$230,773	Land Use: Sale Price / Type: Land Value:	Condominium \$197,000 / Full Value \$184,622	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 887 / 0.02 24 / 12 2 1 / \$46,151
50	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sanchez, Alejandro R / Sanchez, Jackelyn 2600 Cortez Dr #6102, Santa Clara, CA 95051 2600 Cortez Dr #6102, Santa Clara, CA 95051 Tract 9763 216-57-063 12/14/2006 / 04/09/2007 \$488,952	Land Use: Sale Price / Type: Land Value:	Condominium \$399,500 / Full Value \$391,158	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 887 / 0.02 24 / 12 2 1 / \$97,794
51	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Leones Gerry Asistente & Lorizel CID Trus 2600 Cortez Dr #6201, Santa Clara, CA 95051 650 Mono St, Manteca, CA 95337 Tract 9763 216-57-064 08/30/2006 / 10/11/2006 \$499,815	Land Use: Sale Price / Type: Land Value:	Condominium \$409,000 / Full Value \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$193,554
52	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Carpenter Mei Liu Trustee 2600 Cortez Dr #6202, Santa Clara, CA 95051 2600 Cortez Dr #6202, Santa Clara, CA 95051 Tract 9763 216-57-065 04/24/2018 / 04/27/2018 \$684,582	Land Use: Sale Price / Type: Land Value:	Condominium \$658,000 / Full Value \$342,291	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$342,291
53	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Muyco, Edmundo M / Muyco, Laila 2600 Cortez Dr #7101, Santa Clara, CA 95051 2600 Cortez Dr #7101, Santa Clara, CA 95051 Tract 9763 216-57-066 Sale / Rec Date: Assessed Value:	Land Use: Sale Price / Type: Land Value:	Condominium Sale Price / Type: \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,438 / 0.03 24 / 12 3 2 / \$312,387
54	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wong, Tin Yau Eric / Wan, Mio 2600 Cortez Dr #7102, Santa Clara, CA 95051 2600 Cortez Dr #7102, Santa Clara, CA 95051 Tract 9763 216-57-067 12/23/2010 / 02/03/2011 \$351,434	Land Use: Sale Price / Type: Land Value:	Condominium \$300,000 / Full Value \$281,149	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,529 / 0.04 24 / 12 3 2 / \$70,285
55	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Dor Amos & Dafna Trustee 2600 Cortez Dr #7103, Santa Clara, CA 95051 1515 Emperor Way, Sunnyvale, CA 94087 Tract 9763 216-57-068 06/06/2012 / 07/13/2012 \$253,338	Land Use: Sale Price / Type: Land Value:	Condominium \$225,000 / Full Value \$126,669	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$126,669

56	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Neelamegam, Dheenu / Anandapremraj, Mercy 2600 Cortez Dr #7104, Santa Clara, CA 95051 2682 Scottsdale Dr, San Jose, CA 95148 Tract 9763 216-57-069 08/30/2006 / 09/22/2006 \$486,337	Land Use: Sale Price / Type: Land Value:	Condominium \$398,000 / Full Value \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$180,076
57	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Boughton, Charles / Adan, Kathleen 2600 Cortez Dr #7105, Santa Clara, CA 95051 2600 Cortez Dr, Santa Clara, CA 95051 Tract 9763 216-57-070 10/12/2011 / 12/07/2011 \$367,515	Land Use: Sale Price / Type: Land Value:	Condominium \$320,000 / Full Value \$294,013	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,530 / 0.04 24 / 12 3 2 / \$73,502
58	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wong, Wai Kwong / Wong, Tam 2600 Cortez Dr #7106, Santa Clara, CA 95051 2600 Cortez Dr #7106, Santa Clara, CA 95051 Tract 9763 216-57-071 08/30/2006 / 12/05/2006 \$624,773	Land Use: Sale Price / Type: Land Value:	Condominium \$510,000 / Full Value \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,438 / 0.03 24 / 12 3 2 / \$318,512
59	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Yin, Yue 2600 Cortez Dr #7201, Santa Clara, CA 95051 2600 Cortez Dr #7201, Santa Clara, CA 95051 Tract 9763 216-57-072 10/23/2020 / 10/28/2020 \$414,358	Land Use: Sale Price / Type: Land Value:	Condominium \$720,000 / Full Value \$207,179	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 24 / 12 3 2 / \$207,179
60	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Muddu Sudhakar & Padma Suneela Trustee 2600 Cortez Dr #7202, Santa Clara, CA 95051 11901 Placer Spring Ct, Cupertino, CA 95014 Tract 9763 216-57-073 03/06/2009 / 11/25/2009 \$448,502	Land Use: Sale Price / Type: Land Value:	Condominium \$380,000 / Full Value \$224,251	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 24 / 12 3 2 / \$224,251
61	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Netchitaliuk, Andrei 2600 Cortez Dr #7203, Santa Clara, CA 95051 2600 Cortez Dr #7203, Santa Clara, CA 95051 Tract 9763 216-57-074 07/07/2017 / 07/10/2017 \$531,644	Land Use: Sale Price / Type: Land Value:	Condominium \$511,000 / Full Value \$265,822	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$265,822
62	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Tong, Winnie 2600 Cortez Dr #7204, Santa Clara, CA 95051 338 Spear St #37d, San Francisco, CA 94105 Tract 9763 216-57-075 02/05/2009 / 04/03/2009 \$329,688	Land Use: Sale Price / Type: Land Value:	Condominium \$280,000 / Full Value \$263,754	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$65,934
63	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Shieh Chwen-Liang & Lee Lih-Chuan Trustee 2600 Cortez Dr #7205, Santa Clara, CA 95051 5506 Truman Pl, Fremont, CA 94538 Tract 9763 216-57-076 12/11/2013 / 12/19/2013 \$515,604	Land Use: Sale Price / Type: Land Value:	Condominium \$460,000 / Full Value \$257,802	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2005 974 974 / 0.02 24 / 12 3 2 / \$257,802

64	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Imam, Tahmina 2600 Cortez Dr #7206, Santa Clara, CA 95051 2600 Cortez Dr #7206, Santa Clara, CA 95051 Tract 9763 216-57-077 09/19/2017 / 09/22/2017 \$639,846	Land Use: Sale Price / Type: Land Value:	Condominium \$615,000 / Full Value \$319,923	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2005 974 974 / 0.02 24 / 12 3 2 / \$319,923
65	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Qaiser And Zeba Khan Revocable Living Trust Khan Khan Zeba Parveen 2600 Cortez Dr #8101, Santa Clara, CA 95051 1750 Halford Ave #207, Santa Clara, CA 95051 Tract 9763 216-57-078 07/29/2014 / 08/15/2014 \$439,574	Land Use: Sale Price / Type: Land Value:	Condominium \$400,000 / Full Value \$219,787	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$219,787
66	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ortiz, Nelson A 2600 Cortez Dr #8102, Santa Clara, CA 95051 2600 Cortez Dr #8102, Santa Clara, CA 95051 Tract 9763 216-57-079 04/18/2013 / 04/29/2013 \$401,896	Land Use: Sale Price / Type: Land Value:	Condominium \$225,000 / Full Value \$200,948	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$200,948
67	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Dee Susan Trustee 2600 Cortez Dr #8103, Santa Clara, CA 95051 20117 3rd Ave SE, Bothell, WA 98012 Tract 9763 216-57-080 03/26/2010 / 04/01/2010 \$330,474	Land Use: Sale Price / Type: Land Value:	Condominium \$280,000 / \$165,237	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$165,237
68	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Filho, Reinaldo A P / Penno, Barbara 2600 Cortez Dr #8104, Santa Clara, CA 95051 6105 Hedgecrest Cir, San Ramon, CA 94582 Tract 9763 216-57-081 01/20/2016 / 01/22/2016 \$492,504	Land Use: Sale Price / Type: Land Value:	Condominium \$455,000 / Full Value \$246,252	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 878 / 0.02 24 / 12 2 1 / \$246,252
69	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Stefanini, Stephen / Stefanini, Holly 2600 Cortez Dr #8201, Santa Clara, CA 95051 2600 Cortez Dr #8201, Santa Clara, CA 95051, (No Mail) Tract 9763 216-57-082 08/30/2006 / 09/20/2006 \$488,788	Land Use: Sale Price / Type: Land Value:	Condominium \$400,000 / Full Value \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$182,527
70	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Karimabadi, Mehrzad 2600 Cortez Dr #8202, Santa Clara, CA 95051 2600 Cortez Dr #8202, Santa Clara, CA 95051 Tract 9763 216-57-083 12/14/2006 / 06/15/2007 \$371,101	Land Use: Sale Price / Type: Land Value:	Condominium \$310,000 / Full Value \$296,101	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$75,000
71	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Matsuzawa, Naoko 2600 Cortez Dr #8203, Santa Clara, CA 95051 2600 Cortez Dr #8203, Santa Clara, CA 95051 Tract 9763 216-57-084 12/04/2013 / 12/11/2013 \$316,200	Land Use: Sale Price / Type: Land Value:	Condominium \$310,000 / Full Value \$158,100	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$158,100

72	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Topaloglu, Rasit O 2600 Cortez Dr #8204, Santa Clara, CA 95051 2600 Cortez Dr #8204, Santa Clara, CA 95051 Tract 9763 216-57-085 08/30/2006 / 09/29/2006 \$486,337	Land Use: Sale Price / Type: Land Value:	Condominium \$398,000 / Full Value \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 24 / 12 2 1 / \$180,076
73	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Gariney, Varun K / Vinnakota, Raghuram 2601 Cortez Dr #1101, Santa Clara, CA 95051 2601 Cortez Dr #1101, Santa Clara, CA 95051 Tract 9763 216-57-001 01/24/2012 / 02/29/2012 \$367,515	Land Use: Sale Price / Type: Land Value:	Condominium \$320,000 / Full Value \$294,013	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,832 / 0.04 84 / 1 3 2 / \$73,502
74	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Qian Gui-Bai Trustee & Qian LI Mei Trustee 2601 Cortez Dr #1102, Santa Clara, CA 95051 6834 Hampton Dr, San Jose, CA 95120 Tract 9763 216-57-002 05/05/2010 / 05/07/2010 \$418,993	Land Use: Sale Price / Type: Land Value:	Condominium \$355,000 / Full Value \$335,198	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,637 / 0.04 84 / 1 3 2 / \$83,795
75	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chen Peiji & Su Liying Trustee 2601 Cortez Dr #1103, Santa Clara, CA 95051 1248 Donington Dr, San Jose, CA 95129 Tract 9763 216-57-003 05/07/2016 / 05/13/2016 \$671,106	Land Use: Sale Price / Type: Land Value:	Condominium \$620,000 / Full Value \$335,553	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,637 / 0.04 84 / 1 3 2 / \$335,553
76	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lee Sungho & Hyesung Trustee 2601 Cortez Dr #1104, Santa Clara, CA 95051 4653 Nunn St, Brentwood, CA 94513 Tract 9763 216-57-004 12/14/2006 / 04/03/2008 \$563,280	Land Use: Sale Price / Type: Land Value:	Condominium \$469,000 / Full Value \$281,640	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,637 / 0.04 84 / 1 3 2 / \$281,640
77	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Mariscal, Zachary / Mariscal, Rebecca 2601 Cortez Dr #1105, Santa Clara, CA 95051 2601 Cortez Dr #1105, Santa Clara, CA 95051 Tract 9763 216-57-005 04/25/2017 / 05/08/2017 \$679,172	Land Use: Sale Price / Type: Land Value:	Condominium \$640,000 / Full Value \$339,586	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,637 / 0.04 84 / 1 3 2 / \$339,586
78	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kim, Sarah S / Noh, Jiyoung 2601 Cortez Dr #1106, Santa Clara, CA 95051 2601 Cortez Dr #1106, Santa Clara, CA 95051 Tract 9763 216-57-006 12/14/2006 / 01/14/2008 \$552,472	Land Use: Sale Price / Type: Land Value:	Condominium \$460,000 / Full Value \$276,236	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,637 / 0.04 84 / 1 3 2 / \$276,236
79	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rivera, Cecilia V 2601 Cortez Dr #1201, Santa Clara, CA 95051 2601 Cortez Dr #1201, Santa Clara, CA 95051 Tract 9763 216-57-007 04/16/2010 / 04/23/2010 \$103,370	Land Use: Sale Price / Type: Land Value:	Condominium \$340,000 / Full Value \$34,448	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$68,922

80	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	2601 Cortez LLC 2601 Cortez Dr #1202, Santa Clara, CA 95051 228 Del Rosa Way, San Mateo, CA 94403 Tract 9763 216-57-008 06/12/2009 / 07/21/2009 \$374,143	Land Use: Sale Price / Type: Land Value:	Condominium \$317,000 / Full Value \$299,317	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$74,826
81	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hor, Benjamin 2601 Cortez Dr #1203, Santa Clara, CA 95051 2601 Cortez Dr #1203, Santa Clara, CA 95051 Tract 9763 216-57-009 08/03/2010 / 08/09/2010 \$380,722	Land Use: Sale Price / Type: Land Value:	Condominium \$325,000 / Full Value \$190,361	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$190,361
82	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hashemi, Pirooz 2601 Cortez Dr #1204, Santa Clara, CA 95051 2601 Cortez Dr #1204, Santa Clara, CA 95051 Tract 9763 216-57-010 12/14/2006 / 03/23/2007 \$424,973	Land Use: Sale Price / Type: Land Value:	Condominium \$355,000 / Full Value \$235,973	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$189,000
83	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Shaik & Jabeen 2014 Trust / Jabeen, Surayya 2601 Cortez Dr #1205, Santa Clara, CA 95051 38830 Litchfield Cir, Fremont, CA 94536 Tract 9763 216-57-011 04/25/2016 / 04/29/2016 \$638,634	Land Use: Sale Price / Type: Land Value:	Condominium \$590,000 / Full Value \$319,317	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$319,317
84	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pham, Chi D 2601 Cortez Dr #1206, Santa Clara, CA 95051 2601 Cortez Dr #1206, Santa Clara, CA 95051 Tract 9763 216-57-012 03/06/2009 / 09/24/2009 \$454,343	Land Use: Sale Price / Type: Land Value:	Condominium \$385,000 / Full Value \$363,407	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$90,936
85	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Vinnakota, Raghuram 2601 Cortez Dr #2101, Santa Clara, CA 95051 1207 Sassone Ct, Milpitas, CA 95035 Tract 9763 216-57-013 08/19/2019 / 08/22/2019 \$725,000	Land Use: Sale Price / Type: Land Value:	Condominium \$725,000 / Full Value \$362,500	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$362,500
86	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Asila Nahas Revocable Trust Nahas 2601 Cortez Dr #2102, Santa Clara, CA 95051 2601 Cortez Dr #2102, Santa Clara, CA 95051, (No Mail) Tract 9763 216-57-014 01/03/2014 / 01/10/2014 \$544,748	Land Use: Sale Price / Type: Land Value:	Condominium \$486,000 / Full Value \$272,374	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$272,374
87	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Georgiev, Atanas B / Georgieva, Atanaska 2601 Cortez Dr #2103, Santa Clara, CA 95051 2601 Cortez Dr #2103, Santa Clara, CA 95051 Tract 9763 216-57-015 12/14/2006 / 08/28/2008 \$529,862	Land Use: Sale Price / Type: Land Value:	Condominium \$450,000 / Full Value \$264,931	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,274 / 0.03 84 / 1 3 2 / \$264,931

88	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Prabhal, Shyam / Jayaraman, Neeba 2601 Cortez Dr #2104, Santa Clara, CA 95051 2601 Cortez Dr #2104, Santa Clara, CA 95051 Tract 9763 216-57-016 08/01/2016 / 08/03/2016 \$642,030	Land Use: Sale Price / Type: Land Value:	Condominium \$605,000 / Full Value \$321,015	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 1,184 / 0.03 84 / 1 3 2 / \$321,015
89	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Nahas, Asila 2601 Cortez Dr #2201, Santa Clara, CA 95051 2601 Cortez Dr #2102, Santa Clara, CA 95051, (No Mail) Tract 9763 216-57-017 07/09/2013 / 07/19/2013 \$521,210	Land Use: Sale Price / Type: Land Value:	Condominium \$465,000 / Full Value \$260,605	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$260,605
90	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lin, Jeh S / Sumyati, Devie 2601 Cortez Dr #2202, Santa Clara, CA 95051 2601 Cortez Dr #2202, Santa Clara, CA 95051 Tract 9763 216-57-018 02/27/2008 / 03/25/2008 \$552,472	Land Use: Sale Price / Type: Land Value:	Condominium \$460,000 / Full Value \$276,236	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$276,236
91	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Bennett Michael & Heqing Trustee 2601 Cortez Dr #2203, Santa Clara, CA 95051 1060 S Wedgewood Rd, San Ramon, CA 94582 Tract 9763 216-57-019 12/14/2006 / 07/18/2008 \$523,978	Land Use: Sale Price / Type: Land Value:	Condominium \$445,000 / Full Value \$261,989	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 974 974 / 0.02 84 / 1 3 2 / \$261,989
92	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ngo, Diana 2601 Cortez Dr #2204, Santa Clara, CA 95051 2601 Cortez Dr #2204, Santa Clara, CA 95051 Tract 9763 216-57-020 03/06/2009 / 03/13/2009 \$469,574	Land Use: Sale Price / Type: Land Value:	Condominium \$399,000 / Full Value \$375,616	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2005 974 974 / 0.02 84 / 1 3 2 / \$93,958
93	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kim, Heeyeon 2601 Cortez Dr #3101, Santa Clara, CA 95051 2540 N 1st St #400, San Jose, CA 95131 Tract 9763 216-57-021 11/07/2016 / 11/21/2016 \$504,072	Land Use: Sale Price / Type: Land Value:	Condominium \$475,000 / Full Value \$252,036	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$252,036
94	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Green, Matthew R 2601 Cortez Dr #3102, Santa Clara, CA 95051 2601 Cortez Dr #3102, Santa Clara, CA 95051 Tract 9763 216-57-022 06/13/2012 / 07/13/2012 \$298,378	Land Use: Sale Price / Type: Land Value:	Condominium \$265,000 / Full Value \$149,189	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$149,189
95	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Query, Michael R / Query, Amy E 2601 Cortez Dr #3103, Santa Clara, CA 95051 2601 Cortez Dr #3103, Santa Clara, CA 95051, (No Mail) Tract 9763 216-57-023 02/22/2016 / 02/26/2016 \$497,916	Land Use: Sale Price / Type: Land Value:	Condominium \$460,000 / Unknown \$248,958	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$248,958

96	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Banaag, Boomer M 2601 Cortez Dr #3104, Santa Clara, CA 95051 2601 Cortez Dr #3104, Santa Clara, CA 95051 Tract 9763 216-57-024 03/10/2020 / 03/13/2020 \$503,328	Land Use: Sale Price / Type: Land Value:	Condominium \$630,000 / Full Value \$251,664	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$251,664
97	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Tran Bac Minh & Vuong An Thu Trustee 2601 Cortez Dr #3105, Santa Clara, CA 95051 3216 Ravenswood Way, San Jose, CA 95148 Tract 9763 216-57-025 03/28/2011 / 04/07/2011 \$239,852	Land Use: Sale Price / Type: Land Value:	Condominium \$205,000 / Full Value \$191,883	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 746 712 / 0.02 84 / 1 2 1 / \$47,969
98	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Yu, Zhaoran 2601 Cortez Dr #3106, Santa Clara, CA 95051 2601 Cortez Dr #3106, Santa Clara, CA 95051 Tract 9763 216-57-026 05/31/2018 / 06/25/2018 \$706,000	Land Use: Sale Price / Type: Land Value:	Condominium \$701,000 / Full Value \$353,000	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 746 712 / 0.02 84 / 1 2 1 / \$353,000
99	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Antony Suresh & Toms Sherin Trustee 2601 Cortez Dr #3107, Santa Clara, CA 95051 18866 Masson Terrace Ct, Saratoga, CA 95070 Tract 9763 216-57-027 04/11/2012 / 04/16/2012 \$271,041	Land Use: Sale Price / Type: Land Value:	Condominium \$236,000 / Full Value \$216,835	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$54,206
100	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Choi, Julia C Trust 2601 Cortez Dr #3108, Santa Clara, CA 95051 2601 Cortez Dr #3108, Santa Clara, CA 95051 Tract 9763 216-57-028 05/25/2016 / 05/31/2016 \$513,880	Land Use: Sale Price / Type: Land Value:	Condominium \$475,000 / Full Value \$256,859	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$257,021
101	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kaufman, Larry S 2601 Cortez Dr #3109, Santa Clara, CA 95051 2601 Cortez Dr #3109, Santa Clara, CA 95051 Tract 9763 216-57-029 03/30/2015 / 04/08/2015 \$311,492	Land Use: Sale Price / Type: Land Value:	Condominium \$430,000 / Full Value \$89,247	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 908 / 0.02 84 / 1 2 1 / \$222,245
102	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Filho, Reinaldo P / Penno, Barbara 2601 Cortez Dr #3110, Santa Clara, CA 95051 6105 Hedgecrest Cir, San Ramon, CA 94582 Tract 9763 216-57-030 02/25/2016 / 03/04/2016 \$514,152	Land Use: Sale Price / Type: Land Value:	Condominium \$475,000 / Full Value \$257,076	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 908 / 0.02 84 / 1 2 1 / \$257,076
103	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lau Stephen K & Darosa Wanda M Trustee 2601 Cortez Dr #3201, Santa Clara, CA 95051 11600 Upland Way, Cupertino, CA 95014 Tract 9763 216-57-031 01/26/2012 / 05/24/2012 \$264,149	Land Use: Sale Price / Type: Land Value:	Condominium \$230,000 / Full Value \$211,321	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$52,828

104	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chan, Thomas / Chan, Maxine 2601 Cortez Dr #3202, Santa Clara, CA 95051 22213 Quintero Ct, Cupertino, CA 95014 Tract 9763 216-57-032 06/03/2013 / 06/07/2013 \$419,986	Land Use: Sale Price / Type: Land Value:	Condominium \$373,000 / Full Value \$209,993	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$209,993
105	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Tu, Denise 2601 Cortez Dr #3203, Santa Clara, CA 95051 2601 Cortez Dr #3203, Santa Clara, CA 95051 Tract 9763 216-57-033 06/15/2016 / 06/21/2016 \$513,070	Land Use: Sale Price / Type: Land Value:	Condominium \$474,000 / \$256,535	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2005 712 712 / 0.02 84 / 1 2 1 / \$256,535
106	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kawaye, Brent 2601 Cortez Dr #3204, Santa Clara, CA 95051 Po Box 2966, Redwood City, CA 94064, (No Mail) Tract 9763 216-57-034 12/14/2006 / 12/21/2007 \$450,378	Land Use: Sale Price / Type: Land Value:	Condominium \$375,000 / Full Value \$225,189	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$225,189
107	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Mojica, Garyzaldy 2601 Cortez Dr #3205, Santa Clara, CA 95051 2601 Cortez Dr #3205, Santa Clara, CA 95051 Tract 9763 216-57-035 06/27/2016 / 06/30/2016 \$514,152	Land Use: Sale Price / Type: Land Value:	Condominium \$475,000 / Full Value \$257,076	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$257,076
108	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Thornton, Jeremy Joseph / Thornton, Renee Marie 2601 Cortez Dr #3206, Santa Clara, CA 95051 43109 Sandwest Ct, Lancaster, CA 93536 Tract 9763 216-57-036 12/14/2006 / 11/27/2007 \$486,280	Land Use: Sale Price / Type: Land Value:	Condominium \$405,000 / Full Value \$389,014	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$97,266
109	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ai, Jiang / Zeng, Dian 2601 Cortez Dr #3207, Santa Clara, CA 95051 5163 Forest View Dr, San Jose, CA 95129 Tract 9763 216-57-037 04/13/2017 / 04/18/2017 \$501,950	Land Use: Sale Price / Type: Land Value:	Condominium \$473,000 / Full Value \$250,975	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$250,975
110	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wang, Yingwei / Shao, Liang 2601 Cortez Dr #3208, Santa Clara, CA 95051 2859 Bruce Ct, Santa Clara, CA 95051 Tract 9763 216-57-038 08/11/2015 / 08/19/2015 \$493,588	Land Use: Sale Price / Type: Land Value:	Condominium \$456,000 / Full Value \$246,794	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$246,794
111	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Bian, Buming / Chen, Xin 2601 Cortez Dr #3209, Santa Clara, CA 95051 2601 Cortez Dr #3209, Santa Clara, CA 95051 Tract 9763 216-57-039 05/11/2017 / 05/25/2017 \$518,809	Land Use: Sale Price / Type: Land Value:	Condominium \$489,000 / Full Value \$259,358	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$259,451

112	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Luangvala, Mona M 2601 Cortez Dr #3210, Santa Clara, CA 95051 Po Box 31462, Stockton, CA 95213 Tract 9763 216-57-040 12/14/2006 / 02/20/2008 \$459,990	Land Use: Sale Price / Type: Land Value:	Condominium \$383,000 / Full Value \$229,995	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$229,995
113	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Yen, Christine Yung-Ting 2601 Cortez Dr #4201, Santa Clara, CA 95051 2601 Cortez Dr #4201, Santa Clara, CA 95051 Tract 9763 216-57-041 10/19/2015 / 10/26/2015 \$679,764	Land Use: Sale Price / Type: Land Value:	Condominium \$628,000 / Full Value \$339,882	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 1,212 1,212 / 0.03 84 / 1 3 2 / \$339,882
114	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hinojosa, Robert 2601 Cortez Dr #5101, Santa Clara, CA 95051 2601 Cortez Dr #5101, Santa Clara, CA 95051 Tract 9763 216-57-042 10/06/2010 / 10/14/2010 \$287,002	Land Use: Sale Price / Type: Land Value:	Condominium \$245,000 / Full Value \$143,501	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$143,501
115	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Woo, Sookyum 2601 Cortez Dr #5102, Santa Clara, CA 95051 868 Old Quarry Rd S, Larkspur, CA 94939 Tract 9763 216-57-043 05/18/2018 / 05/29/2018 \$630,000	Land Use: Sale Price / Type: Land Value:	Condominium \$680,000 / Full Value \$315,000	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$315,000
116	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Isaid, Mary / Isaid, Rizeq 2601 Cortez Dr #5103, Santa Clara, CA 95051 2601 Cortez Dr #5103, Santa Clara, CA 95051 Tract 9763 216-57-044 12/14/2006 / 05/18/2007 \$371,101	Land Use: Sale Price / Type: Land Value:	Condominium \$310,000 / Full Value \$296,101	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$75,000
117	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Leder, Jonathan E / Leder, Jennifer 2601 Cortez Dr #5104, Santa Clara, CA 95051 7101 Arbeau Dr, Newark, CA 94560 Tract 9763 216-57-045 12/14/2006 / 06/29/2007 \$496,079	Land Use: Sale Price / Type: Land Value:	Condominium \$405,000 / Full Value \$396,793	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$99,286
118	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Cushman Todd Trustee 2601 Cortez Dr #5105, Santa Clara, CA 95051 2601 Cortez Dr #5105, Santa Clara, CA 95051 Tract 9763 216-57-046 04/15/2014 / 04/25/2014 \$433,222	Land Use: Sale Price / Type: Land Value:	Condominium \$386,500 / Full Value \$216,555	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 746 811 / 0.02 84 / 1 2 1 / \$216,667
119	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Cabello, Andrea J 2601 Cortez Dr #5106, Santa Clara, CA 95051 2601 Cortez Dr #5106, Santa Clara, CA 95051 Tract 9763 216-57-047 11/04/2011 / 11/09/2011 \$241,180	Land Use: Sale Price / Type: Land Value:	Condominium \$210,000 / Full Value \$192,946	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2005 746 811 / 0.02 84 / 1 2 1 / \$48,234

120	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Grant Scott C Trustee 2601 Cortez Dr #5107, Santa Clara, CA 95051 825 Piper Ave, Sunnyvale, CA 94087, (No Mail) Tract 9763 216-57-048 06/13/2016 / 06/16/2016 \$504,141	Land Use: Condominium Sale Price / Type: \$466,000 / Land Value: \$251,989	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$252,152
121	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Feng, Hanying / Zhao, Qian 2601 Cortez Dr #5108, Santa Clara, CA 95051 1070 Norstad St, San Jose, CA 95128, (No Mail) Tract 9763 216-57-049 05/14/2018 / 05/18/2018 \$681,462	Land Use: Condominium Sale Price / Type: \$655,000 / Full Value Land Value: \$340,731	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$340,731
122	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Armstrong, Kenneth T / Armstrong, Kathleen A 2601 Cortez Dr #5109, Santa Clara, CA 95051 2601 Cortez Dr #5109, Santa Clara, CA 95051 Tract 9763 216-57-050 12/14/2006 / 03/21/2007 \$371,101	Land Use: Condominium Sale Price / Type: \$310,000 / Full Value Land Value: \$296,101	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$75,000
123	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Espinoza, William O 2601 Cortez Dr #5110, Santa Clara, CA 95051 2601 Cortez Dr #5110, Santa Clara, CA 95051 Tract 9763 216-57-051 12/14/2006 / 06/12/2007 \$371,101	Land Use: Condominium Sale Price / Type: \$310,000 / Full Value Land Value: \$296,101	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 811 / 0.02 84 / 1 2 1 / \$75,000
124	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Tangorra Family Trust / Scacchi, Lorenza E 2601 Cortez Dr #5201, Santa Clara, CA 95051 1597 Cross Way, San Jose, CA 95125 Tract 9763 216-57-052 08/30/2006 / 10/20/2006 \$497,365	Land Use: Condominium Sale Price / Type: \$407,000 / Full Value Land Value: \$306,261	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$191,104
125	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hrnjadovic, Samir 2601 Cortez Dr #5202, Santa Clara, CA 95051 2601 Cortez Dr #5202, Santa Clara, CA 95051 Tract 9763 216-57-053 08/11/2009 / 09/18/2009 \$289,160	Land Use: Condominium Sale Price / Type: \$245,000 / Full Value Land Value: \$231,332	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$57,828
126	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chieu, Yuming / Chieu, Changwei 2601 Cortez Dr #5203, Santa Clara, CA 95051 2465 Alvarado Dr, Santa Clara, CA 95051 Tract 9763 216-57-054 06/12/2018 / 06/15/2018 \$749,088	Land Use: Condominium Sale Price / Type: \$720,000 / Full Value Land Value: \$374,544	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$374,544
127	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wang, Ke-Yao / Guo, Lingling 2601 Cortez Dr #5204, Santa Clara, CA 95051 2601 Cortez Dr #5204, Santa Clara, CA 95051 Tract 9763 216-57-055 09/12/2018 / 09/21/2018 \$668,100	Land Use: Condominium Sale Price / Type: \$655,000 / Full Value Land Value: \$334,050	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$334,050

128	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kogan, Andrey 2601 Cortez Dr #5205, Santa Clara, CA 95051 1573 Danromas Way, San Jose, CA 95129 Tract 9763 216-57-056 09/01/2009 / 10/07/2009 \$336,374	Land Use: Sale Price / Type: Land Value:	Condominium \$285,000 / Full Value \$269,102	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$67,272
129	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	LI, Kevin G / Zhen, Tweetie 2601 Cortez Dr #5206, Santa Clara, CA 95051 1770 Franck Ave, Santa Clara, CA 95051 Tract 9763 216-57-057 12/14/2006 / 01/18/2007 \$498,590	Land Use: Sale Price / Type: Land Value:	Condominium \$407,000 / Full Value \$245,008	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$253,582
130	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Espiritu, Rizalina 2601 Cortez Dr #5207, Santa Clara, CA 95051 2601 Cortez Dr #5207, Santa Clara, CA 95051 Tract 9763 216-57-058 04/02/2014 / 04/11/2014 \$448,352	Land Use: Sale Price / Type: Land Value:	Condominium \$400,000 / Full Value \$224,176	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$224,176
131	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lee, Hui Chu / Hong, Terry Hui-Ming 2601 Cortez Dr #5208, Santa Clara, CA 95051 11562 Upland Ct, Cupertino, CA 95014 Tract 9763 216-57-059 08/02/2017 / 08/14/2017 \$505,600	Land Use: Sale Price / Type: Land Value:	Condominium \$486,000 / Full Value \$252,800	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$252,800
132	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lei, Avile / Lei, Josephine D 2601 Cortez Dr #5209, Santa Clara, CA 95051 2053 Mento Dr, Fremont, CA 94539 Tract 9763 216-57-060 09/13/2011 / 09/16/2011 \$241,180	Land Use: Sale Price / Type: Land Value:	Condominium \$210,000 / Full Value \$192,946	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$48,234
133	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ferreira, Leanne 2601 Cortez Dr #5210, Santa Clara, CA 95051 2601 Cortez Dr #5210, Santa Clara, CA 95051 Tract 9763 216-57-061 12/14/2006 / 06/28/2007 \$371,101	Land Use: Sale Price / Type: Land Value:	Condominium \$310,000 / Full Value \$296,101	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 2006 712 712 / 0.02 84 / 1 2 1 / \$75,000
134	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	University / Alhambra LLC 2700 Cortez Dr, Santa Clara, CA 95051 2435 Forest Ave #200, San Jose, CA 95128 Tract 2899 Alhambra Gardens Book 138 Page 5 Lot 13 216-15-006 Sale / Rec Date: Assessed Value:	Land Use: Sale Price / Type: Land Value:	Multi Family Dwelling Sale Price / Type: \$63,354	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1962 / 1962 3,711 9,125 / 0.21 4 / 4 0 0 / 0 \$132,644
135	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Koida Richard I & Kimiko N Trustee 2530 Hawkington Ct, Santa Clara, CA 95051 2530 Hawkington Ct, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 195 216-42-012 02/16/2006 / 02/28/2006 \$421,118	Land Use: Sale Price / Type: Land Value:	Condominium \$235,000 / Full Value \$179,115	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,377 1,608 / 0.04 1 / 3 1 / 1 \$242,003

136	Owner Name:	Clawson, Daniel O	Year Built / Eff:	1973 / 1974
	Site Address:	2531 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,334
	Mailing Address:	2531 Hawkington Ct, Santa Clara, CA 95051	Lot Area / Acres:	1,584 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 205	Res / Comm Units:	1 /
	APN:	216-42-022	Bedrooms:	3
	Sale / Rec Date:	08/25/1999 / 09/01/1999	Baths (F / H):	2 / 1
	Assessed Value:	\$393,486	Improvement Value:	\$118,043
137	Owner Name:	Moret, Brian J	Year Built / Eff:	1973 / 1974
	Site Address:	2532 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,506
	Mailing Address:	129 Sand Wedge Pl, Walnut Creek, CA 94598	Lot Area / Acres:	1,608 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 196	Res / Comm Units:	1 /
	APN:	216-42-013	Bedrooms:	4
	Sale / Rec Date:		Baths (F / H):	2 / 1
	Assessed Value:	\$330,645	Improvement Value:	\$217,388
138	Owner Name:	Staffelbach, Rudolf H	Year Built / Eff:	1973 / 1974
	Site Address:	2533 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,506
	Mailing Address:	2533 Hawkington Ct, Santa Clara, CA 95051	Lot Area / Acres:	1,742 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 204	Res / Comm Units:	1 /
	APN:	216-42-021	Bedrooms:	4
	Sale / Rec Date:	/ 06/03/1977	Baths (F / H):	2 / 1
	Assessed Value:	\$135,147	Improvement Value:	\$106,872
139	Owner Name:	Shashikant, Patel	Year Built / Eff:	1973 / 1974
	Site Address:	2534 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,506
	Mailing Address:	526 W Fremont Ave, Sunnyvale, CA 94087	Lot Area / Acres:	1,537 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 197	Res / Comm Units:	1 /
	APN:	216-42-014	Bedrooms:	4
	Sale / Rec Date:	/ 04/01/1985	Baths (F / H):	2 / 1
	Assessed Value:	\$243,023	Improvement Value:	\$153,465
140	Owner Name:	Gao, Yuan / Liu, Xian	Year Built / Eff:	1973 / 1974
	Site Address:	2535 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,506
	Mailing Address:	2535 Hawkington Ct, Santa Clara, CA 95051	Lot Area / Acres:	1,704 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 203	Res / Comm Units:	1 /
	APN:	216-42-020	Bedrooms:	4
	Sale / Rec Date:	06/27/2018 / 07/02/2018	Baths (F / H):	2 / 1
	Assessed Value:	\$1,254,600	Improvement Value:	\$627,300
141	Owner Name:	Mosko Richard & Liu Ana Trustee	Year Built / Eff:	1973 / 1974
	Site Address:	2536 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,197
	Mailing Address:	774 Mays Blvd #N, Incline Village, NV 89451	Lot Area / Acres:	1,728 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 198	Res / Comm Units:	1 /
	APN:	216-42-015	Bedrooms:	2
	Sale / Rec Date:	07/02/1999 / 07/09/1999	Baths (F / H):	1 / 1
	Assessed Value:	\$361,162	Improvement Value:	\$180,581
142	Owner Name:	Svetic, Damir / Svetic, Aida	Year Built / Eff:	1973 / 1974
	Site Address:	2537 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,377
	Mailing Address:	2537 Hawkington Ct, Santa Clara, CA 95051	Lot Area / Acres:	1,704 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 202	Res / Comm Units:	1 /
	APN:	216-42-019	Bedrooms:	4
	Sale / Rec Date:	06/11/2003 / 06/18/2003	Baths (F / H):	1 / 1
	Assessed Value:	\$474,147	Improvement Value:	\$235,777
143	Owner Name:	Giver, Amy M	Year Built / Eff:	1973 / 1974
	Site Address:	2538 Hawkington Ct, Santa Clara, CA 95051	Living Area:	1,197
	Mailing Address:	2538 Hawkington Ct, Santa Clara, CA 95051	Lot Area / Acres:	1,728 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 199	Res / Comm Units:	1 /
	APN:	216-42-016	Bedrooms:	2
	Sale / Rec Date:	/ 12/19/1986	Baths (F / H):	1 / 1
	Assessed Value:	\$213,741	Improvement Value:	\$142,351

144	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Peparthi, Shiv S 2539 Hawkington Ct, Santa Clara, CA 95051 1967 S Forest Hill Pl, Danville, CA 94526 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 201 216-42-018 04/26/2012 / 05/01/2012 \$484,376	Land Use: Condominium Sale Price / Type: \$422,000 / Full Value Land Value: \$242,102	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,092 2,028 / 0.05 1 / 2 2 / \$242,274
145	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Cunningham, Leslie A 2540 Hawkington Ct, Santa Clara, CA 95051 2540 Hawkington Ct, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 200 216-42-017 03/23/2006 / 03/29/2006 \$762,222	Land Use: Condominium Sale Price / Type: \$610,000 / Full Value Land Value: \$381,111	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,608 / 0.04 1 / 4 2 / 1 \$381,111
146	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Truffa Katherine M Trustee 2650 Kentworth Way, Santa Clara, CA 95051 1588 Oglala St, South Lake Tahoe, CA 96150 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 264 216-41-042 / 08/19/1974 \$71,553	Land Use: Condominium Sale Price / Type: Land Value: \$15,601	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$55,952
147	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Schouten Dale & Diane G Trustee 2651 Kentworth Way, Santa Clara, CA 95051 2651 Kentworth Way, Santa Clara, CA 95051, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 263 216-41-041 03/26/1997 / 04/02/1997 \$331,333	Land Use: Condominium Sale Price / Type: \$223,000 / Full Value Land Value: \$132,531	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$198,802
148	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Mooleplackel, Sajan Jose / Kutikaden, Lige 2652 Kentworth Way, Santa Clara, CA 95051 3490 Parkland Ave, San Jose, CA 95117 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 265 216-41-043 02/17/2005 / 02/24/2005 \$633,445	Land Use: Condominium Sale Price / Type: \$497,000 / Full Value Land Value: \$506,760	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,377 1,608 / 0.04 1 / 3 1 / 1 \$126,685
149	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Tonya Renee Malave Living Trust Malave 2653 Kentworth Way, Santa Clara, CA 95051 2653 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 262 216-41-040 12/27/1994 / 01/03/1995 \$291,714	Land Use: Condominium Sale Price / Type: \$190,000 / Full Value Land Value: \$116,559	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,728 / 0.04 1 / 4 2 / 1 \$175,155
150	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Nelson Jerry A Trustee 2654 Kentworth Way, Santa Clara, CA 95051 Po Box 5107, Sugarloaf, CA 92386 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 266 216-41-044 / 04/30/1981 \$156,836	Land Use: Condominium Sale Price / Type: Land Value: \$34,352	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$122,484
151	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Akhtar Zabih & Shagufta Trustee 2655 Kentworth Way, Santa Clara, CA 95051 2655 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 261 216-41-039 08/20/2004 / 08/31/2004 \$573,539	Land Use: Condominium Sale Price / Type: \$450,000 / Full Value Land Value: \$458,835	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,728 / 0.04 1 / 4 2 / 1 \$114,704

152	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Riley Linda K Trustee 2656 Kentworth Way, Santa Clara, CA 95051 62 Lobelia Ct, Chico, CA 95973 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 267 216-41-045 05/26/2003 / 06/02/2003 \$329,424	Land Use: Condominium Sale Price / Type: \$135,000 / Full Value Land Value: \$102,939	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,728 / 0.04 1 / 3 2 / 1 \$226,485
153	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Baldwin, Sheryl 2657 Kentworth Way, Santa Clara, CA 95051 850 Beech St #1107, San Diego, CA 92101 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 260 216-41-038 05/14/2004 / 05/21/2004 \$614,908	Land Use: Condominium Sale Price / Type: \$473,000 / Land Value: \$491,931	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$122,977
154	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Garcia Margo Trustee 2658 Kentworth Way, Santa Clara, CA 95051 2658 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 268 216-41-046 07/15/1994 / 07/22/1994 \$273,359	Land Use: Condominium Sale Price / Type: \$178,000 / Full Value Land Value: \$76,779	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,728 / 0.04 1 / 3 2 / 1 \$196,580
155	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chandrasekar, Divya / Raghunathan, Arun 2659 Kentworth Way, Santa Clara, CA 95051 2659 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 259 216-41-037 02/03/2016 / 02/05/2016 \$876,768	Land Use: Condominium Sale Price / Type: \$810,000 / Full Value Land Value: \$438,384	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$438,384
156	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wu, Hao / LI, Yiran 2660 Kentworth Way, Santa Clara, CA 95051 2660 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 269 216-41-047 11/05/2018 / 11/08/2018 \$1,224,000	Land Use: Condominium Sale Price / Type: \$1,200,000 / Full Va... Land Value: \$612,000	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$612,000
157	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rajaraman, Raja / Rajaraman, Charu 2661 Kentworth Way, Santa Clara, CA 95051 12392 Arroyo De Arguello, Saratoga, CA 95070 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 258 216-41-036 / 06/09/1989 \$353,447	Land Use: Condominium Sale Price / Type: \$142,000 / Land Value: \$102,939	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$250,508
158	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Deguzman, Hazel F 2662 Kentworth Way, Santa Clara, CA 95051 2662 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 257 216-41-035 11/05/2010 / 12/16/2010 \$439,296	Land Use: Condominium Sale Price / Type: \$375,000 / Full Value Land Value: \$219,648	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,092 2,028 / 0.05 1 / 2 2 / \$219,648
159	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Shimul & Devang Family Trust 2664 Kentworth Way, Santa Clara, CA 95051 3062 Silver Est, San Jose, CA 95135 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 256 216-41-034 06/05/2009 / 06/12/2009 \$541,636	Land Use: Condominium Sale Price / Type: \$460,000 / Full Value Land Value: \$270,818	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,704 / 0.04 1 / 3 2 / 1 \$270,818

160	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Agrawal, Nirmal / Agrawal, Vineet 2666 Kentworth Way, Santa Clara, CA 95051 2666 Kentworth Way, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 255 216-41-033 01/29/2010 / 02/17/2010 \$507,518	Land Use: Condominium Sale Price / Type: \$430,000 / Full Value Land Value: \$253,759	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,197 1,704 / 0.04 1 / 2 1 / 1 \$253,759
161	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Bruno Eric V & Rebecca C A Trustee 2668 Kentworth Way, Santa Clara, CA 95051 2668 Kentworth Way, Santa Clara, CA 95051, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 254 216-41-032 \$257,252	Land Use: Condominium Sale Price / Type: \$76,993 Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,742 / 0.04 1 / 4 2 / 1 \$180,259
162	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Arij Syed & Ali Afreen Trustee 2670 Kentworth Way, Santa Clara, CA 95051 2670 Kentworth Way, Santa Clara, CA 95051, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 253 216-41-031 07/07/2015 / 07/17/2015 \$900,347	Land Use: Condominium Sale Price / Type: \$832,000 / Full Value Land Value: \$450,073	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,514 1,440 / 0.03 1 / 4 2 / 1 \$450,274
163	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rho, Euiyong / Suneun, Paula / Rho June Hyonju 2633 Kerryshire Ln, Santa Clara, CA 95051 2633 Kerryshire Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 275 216-42-045 09/30/2011 / 12/08/2011 \$441,018	Land Use: Condominium Sale Price / Type: \$384,000 / Full Value Land Value: \$220,509	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,608 / 0.04 1 / 4 2 / 1 \$220,509
164	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pallagao, Lorraine 2635 Kerryshire Ln, Santa Clara, CA 95051 840 N Fuller Ave, Los Angeles, CA 90046 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 276 216-42-046 06/14/2012 / 06/22/2012 \$573,957	Land Use: Condominium Sale Price / Type: \$500,000 / Full Value Land Value: \$286,892	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,608 / 0.04 1 / 4 2 / 1 \$287,065
165	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Buchanan Carol A Trustee 2637 Kerryshire Ln, Santa Clara, CA 95051 2637 Kerryshire Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 277 216-42-047 03/16/1993 / 03/23/1993 \$312,266	Land Use: Condominium Sale Price / Type: \$197,000 / Full Value Land Value: \$95,102	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$217,164
166	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Musba, Ibrahim / Musba, Nuha Fnu 2639 Kerryshire Ln, Santa Clara, CA 95051 2639 Kerryshire Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 278 216-42-048 12/12/2016 / 12/20/2016 \$792,720	Land Use: Condominium Sale Price / Type: \$747,000 / Full Value Land Value: \$396,360	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,367 1,728 / 0.04 1 / 3 1 / 1 \$396,360
167	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Frutos, Fernando R / Rodriguez, Vianney 2641 Kerryshire Ln, Santa Clara, CA 95051 2641 Kerryshire Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 279 216-42-049 09/23/2019 / 09/25/2019 \$840,000	Land Use: Condominium Sale Price / Type: \$840,000 / Full Value Land Value: \$420,000	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,367 1,728 / 0.04 1 / 3 1 / 1 \$420,000

168	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Antonio, Israel T / Antonio, Maribeth F 2643 Kerryshire Ln, Santa Clara, CA 95051 2643 Kerryshire Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 280 216-42-050 05/16/1991 / 05/23/1991 \$356,220	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$216,000 / Full Value \$98,942	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,608 / 0.04 1 / 4 2 / 1 \$257,278
169	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Scpo LLC 2800 Kifer Rd, Santa Clara, CA 95051 5674 Sonoma Dr, Pleasanton, CA 94566 216-28-085 \$6,310,639	Land Use: Land Use: Sale Price / Type: Land Value:	Industrial (NEC) Industrial (NEC) \$2,405,278	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1972 / 1973 130,560 254,985 / 5.85 1 / 0 / 0 \$3,905,361
170	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Maich, Janet 2568 Knightsbridge Ln, Santa Clara, CA 95051 2568 Knightsbridge Ln, Santa Clara, CA 95051, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 244 216-41-022 07/24/2001 / 07/31/2001 \$526,798	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$390,000 / Full Value \$421,445	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$105,353
171	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Garcia, Alexander P / Garcia, Judy L 2570 Knightsbridge Ln, Santa Clara, CA 95051 103 Chetwood Dr, Mountain View, CA 94043 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 243 216-41-021 05/19/2004 / 05/26/2004 \$585,008	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$450,000 / Full Value \$468,010	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$116,998
172	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chen, Ching-Hwa / Chan, Elaine 2572 Knightsbridge Ln, Santa Clara, CA 95051 1427 Graywood Dr, San Jose, CA 95129, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 242 216-41-020 10/10/2013 / 10/22/2013 \$616,488	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$550,000 / Full Value \$308,244	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$308,244
173	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Patrick Mary H Trustee 2574 Knightsbridge Ln, Santa Clara, CA 95051 2574 Knightsbridge Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 241 216-41-019 04/20/1995 / 04/27/1995 \$268,754	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$175,000 / Full Value \$115,179	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,728 / 0.04 1 / 3 2 / 1 \$153,575
174	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Elyasi, Hedieh 2590 Knightsbridge Ln, Santa Clara, CA 95051 2590 Knightsbridge Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 252 216-41-030 04/06/2020 / 04/17/2020 \$624,534	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$1,030,000 / Full Va... \$312,267	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,608 / 0.04 1 / 3 2 / 1 \$312,267
175	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rong, Yi / Chen, Jiayu 2592 Knightsbridge Ln, Santa Clara, CA 95051 2592 Knightsbridge Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 251 216-41-029 04/24/2018 / 05/04/2018 \$915,000	Land Use: Land Use: Sale Price / Type: Land Value:	Condominium Condominium \$1,288,000 / Full Va... \$457,500	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,728 / 0.04 1 / 3 2 / 1 \$457,500

176	Owner Name:	Sudarshan, Pallav / Gupta, Pooja	Year Built / Eff:	1973 / 1974
	Site Address:	2594 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,369
	Mailing Address:	2594 Knightsbridge Ln, Santa Clara, CA 95051	Lot Area / Acres:	1,728 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 250	Res / Comm Units:	1 /
	APN:	216-41-028	Bedrooms:	3
	Sale / Rec Date:	04/06/2015 / 07/10/2015	Sale Price / Type:	\$775,000 / Full Value
	Assessed Value:	\$838,884	Land Value:	\$419,442
			Improvement Value:	\$419,442
177	Owner Name:	Chang, Yin Wei	Year Built / Eff:	1973 / 1974
	Site Address:	2596 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,506
	Mailing Address:	2596 Knightsbridge Ln, Santa Clara, CA 95051	Lot Area / Acres:	1,608 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 249	Res / Comm Units:	1 /
	APN:	216-41-027	Bedrooms:	4
	Sale / Rec Date:	01/04/2017 / 01/10/2017	Sale Price / Type:	\$925,000 / Full Value
	Assessed Value:	\$947,000	Land Value:	\$473,500
			Improvement Value:	\$473,500
178	Owner Name:	Haddad, Nader J	Year Built / Eff:	1973 / 1974
	Site Address:	2598 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,369
	Mailing Address:	2598 Knightsbridge Ln, Santa Clara, CA 95051	Lot Area / Acres:	1,608 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 248	Res / Comm Units:	280 /
	APN:	216-41-026	Bedrooms:	3
	Sale / Rec Date:	08/24/2000 / 08/31/2000	Sale Price / Type:	\$420,000 / Full Value
	Assessed Value:	\$578,667	Land Value:	\$405,071
			Improvement Value:	\$173,596
179	Owner Name:	Zhou, Tian / Shen, Shikun	Year Built / Eff:	1973 / 1974
	Site Address:	2600 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,369
	Mailing Address:	2600 Knightsbridge Ln, Santa Clara, CA 95051	Lot Area / Acres:	1,728 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 247	Res / Comm Units:	1 /
	APN:	216-41-025	Bedrooms:	3
	Sale / Rec Date:	12/14/2020 / 12/21/2020	Sale Price / Type:	\$1,070,000 / Full Va...
	Assessed Value:	\$712,240	Land Value:	\$356,120
			Improvement Value:	\$356,120
180	Owner Name:	Meiri Joshua & Eliav-Meiri Orna Trustee	Year Built / Eff:	1973 / 1974
	Site Address:	2602 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,369
	Mailing Address:	65 Ambleside Ct, Danville, CA 94526	Lot Area / Acres:	1,728 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 246	Res / Comm Units:	1 /
	APN:	216-41-024	Bedrooms:	3
	Sale / Rec Date:	03/20/2002 / 03/27/2002	Sale Price / Type:	\$405,000 / Full Value
	Assessed Value:	\$547,056	Land Value:	\$218,822
			Improvement Value:	\$328,234
181	Owner Name:	Shirahatti, Harsha / Narain, Aakanksha / Shirahatti Harsha & Narain Aakank...	Year Built / Eff:	1973 / 1974
	Site Address:	2604 Knightsbridge Ln, Santa Clara, CA 95051	Living Area:	1,369
	Mailing Address:	2604 Knightsbridge Ln, Santa Clara, CA 95051, (No Mail)	Lot Area / Acres:	1,608 / 0.04
	Legal Description:	Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 245	Res / Comm Units:	1 /
	APN:	216-41-023	Bedrooms:	3
	Sale / Rec Date:	05/28/2015 / 06/09/2015	Sale Price / Type:	\$735,000 / Full Value
	Assessed Value:	\$807,716	Land Value:	\$403,858
			Improvement Value:	\$403,858
182	Owner Name:	Prologis Exchange 2800 Mead Avenue LLC	Year Built / Eff:	1977 / 1978
	Site Address:	2800 Mead Ave, Santa Clara, CA 95051	Living Area:	35,910
	Mailing Address:	1800 Wazee St #500, Denver, CO 80202	Lot Area / Acres:	152,977 / 3.51
	Legal Description:	Lot 4	Res / Comm Units:	1 / 1
	APN:	216-28-110	Bedrooms:	0
	Sale / Rec Date:	09/26/2018 / 09/28/2018	Sale Price / Type:	\$11,052,000 / Full V...
	Assessed Value:	\$12,087,000	Land Value:	\$10,574,340
			Improvement Value:	\$1,512,660
183	Owner Name:	Mead Ventures Inc	Year Built / Eff:	1970 /
	Site Address:	2900 Mead Ave, Santa Clara, CA 95051	Living Area:	49,920
	Mailing Address:	10920 Prieta Ct, San Jose, CA 95127	Lot Area / Acres:	123,615 / 2.84
	Legal Description:		Res / Comm Units:	1 /
	APN:	216-28-103	Bedrooms:	
	Sale / Rec Date:		Baths (F / H):	
	Assessed Value:	\$5,181,084	Land Value:	\$3,377,584
			Improvement Value:	\$1,803,500

184	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lba RV-Company I LLC 2905 Mead Ave, Santa Clara, CA 95051 Po Box 847, Carlsbad, CA 92018 216-28-089 08/22/2014 / 08/25/2014 \$16,758,819	Land Use: Sale Price / Type: Land Value:	Industrial (NEC) \$15,250,000 / Full V... \$13,462,003	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1967 / 121,671 257,281 / 5.91 3 / 0 / 0 \$3,296,816
185	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Achk Associates LLC 2775 Northwestern Pkwy, Santa Clara, CA 95051 2775 Northwestern Pkwy, Santa Clara, CA 95051 Lot N 216-28-044 \$5,488,299	Land Use: Sale Price / Type: Land Value:	Heavy Industrial \$4,630,758	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1976 / 1976 35,904 107,539 / 2.47 1 / 1 0 0 / 0 \$857,541
186	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Stephens & Stephens LLC 2801 Northwestern Pkwy, Santa Clara, CA 95051 465 California St, San Francisco, CA 94104 Lot W Recorder's Book 327 Page 28 216-28-055 12/13/2013 / 12/16/2013 \$6,056,347	Land Use: Sale Price / Type: Land Value:	Industrial (NEC) \$2,700,000 / Not Di... \$4,915,388	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1975 32,693 80,847 / 1.86 1 / \$1,140,959
187	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Vantage Data Centers 4 LLC 2820 Northwestern Pkwy, Santa Clara, CA 95051 2820 Northwestern Pkwy, Santa Clara, CA 95051 Lot 1 216-28-132 04/02/2010 / 04/14/2010 \$142,837,119	Land Use: Sale Price / Type: Land Value:	Industrial Acreage \$55,500,000 / Full V... \$28,270,581	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1977 / 180,846 509,659 / 11.70 1 / 0 0 / 0 \$114,566,538
188	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Stephens & Stephens LLC 2875 Northwestern Pkwy, Santa Clara, CA 95051 465 California St, San Francisco, CA 94104 Lot R 216-28-047 12/13/2013 / 12/16/2013 \$3,401,560	Land Use: Sale Price / Type: Land Value:	Industrial (NEC) / Not Disclosed \$3,108,702	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1973 17,370 51,759 / 1.19 1 / 1 0 0 / 0 \$292,858
189	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Vantage Data Centers 3 LLC 2880 Northwestern Pkwy, Santa Clara, CA 95051 2880 Northwestern Pkwy, Santa Clara, CA 95051 Lot 2 216-28-133 04/02/2010 / 04/14/2010 \$75,335,208	Land Use: Sale Price / Type: Land Value:	Industrial Acreage \$11,500,000 / Full V... \$22,529,445	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1975 / 60,040 238,812 / 5.48 1 / 1 0 0 / 0 \$52,805,763
190	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sasselli Frank A Trustee & Sasselli 2597 S Park Ln, Santa Clara, CA 95051 729 Arroyo Rd, Los Altos, CA 94024 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 217 216-42-034 07/07/1988 / 07/14/1988 \$231,612	Land Use: Sale Price / Type: Land Value:	Condominium \$135,000 / Full Value \$90,926	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,092 1,924 / 0.04 1 / 2 2 / \$140,686
191	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Zhu, Shien 2601 S Park Ln, Santa Clara, CA 95051 808 Coleman Ave #25, Menlo Park, CA 94025, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 216 216-42-033 09/02/2015 / 09/09/2015 \$766,360	Land Use: Sale Price / Type: Land Value:	Condominium \$708,000 / Full Value \$383,180	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,197 1,560 / 0.04 1 / 2 1 / 1 \$383,180

192	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rachabathuni, Sailesh / Brahmandam, Sailaja 2603 S Park Ln, Santa Clara, CA 95051 779 Baylor Dr, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 215 216-42-032 05/28/2003 / 06/04/2003 \$558,842	Land Use: Condominium Sale Price / Type: \$422,000 / Full Value Land Value: \$279,421	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,680 / 0.04 1 / 4 2 / 1 \$279,421
193	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Freitas, John / Freitas, Marlisa 2605 S Park Ln, Santa Clara, CA 95051 2605 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 214 216-42-031 05/18/2005 / 05/25/2005 \$649,690	Land Use: Condominium Sale Price / Type: \$510,000 / Full Value Land Value: \$519,758	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,680 / 0.04 1 / 4 2 / 1 \$129,932
194	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Grevelink, Lynda T / Grevelink, Michael B 2607 S Park Ln, Santa Clara, CA 95051 2607 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 213 216-42-030 05/22/2013 / 06/12/2013 \$599,425	Land Use: Condominium Sale Price / Type: \$500,000 / Full Value Land Value: \$281,268	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,371 1,560 / 0.04 1 / 3 1 / 1 \$318,157
195	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Nobile Gary F Trustee 2608 S Park Ln, Santa Clara, CA 95051 2201 Bowers Ave, Santa Clara, CA 95051, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 270 216-42-040 05/01/1997 / 05/08/1997 \$253,144	Land Use: Condominium Sale Price / Type: \$157,500 / Full Value Land Value: \$111,679	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,092 1,950 / 0.04 1 / 2 2 / \$141,465
196	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wapniarski, Bogdan H 2609 S Park Ln, Santa Clara, CA 95051 34 Parklane Dr, Orinda, CA 94563 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 212 216-42-029 09/18/2014 / 10/08/2014 \$620,896	Land Use: Condominium Sale Price / Type: \$565,000 / Full Value Land Value: \$310,448	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,197 1,560 / 0.04 1 / 2 1 / 1 \$310,448
197	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Jacob, Mithun G / Varghese, Anna 2610 S Park Ln, Santa Clara, CA 95051 2610 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 271 216-42-041 04/12/2018 / 04/16/2018 \$1,352,520	Land Use: Condominium Sale Price / Type: \$1,300,000 / Full Va... Land Value: \$676,260	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,369 1,656 / 0.04 1 / 3 2 / 1 \$676,260
198	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wong Bin & Wu Janet Trustee 2611 S Park Ln, Santa Clara, CA 95051 2611 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 211 216-42-028 10/05/2000 / 10/12/2000 \$618,279	Land Use: Condominium Sale Price / Type: \$449,000 / Full Value Land Value: \$432,765	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,560 / 0.04 1 / 4 2 / 1 \$185,514
199	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Beck, Alan L 2612 S Park Ln, Santa Clara, CA 95051 2612 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 272 216-42-042 08/08/2012 / 08/13/2012 \$484,168	Land Use: Condominium Sale Price / Type: \$430,000 / Full Value Land Value: \$242,084	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,197 1,656 / 0.04 1 / 2 1 / 1 \$242,084

200	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hussain Iftekhar & Aslam Nabila Trustee 2613 S Park Ln, Santa Clara, CA 95051 2613 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 210 216-42-027 05/28/2002 / 06/04/2002 \$564,547	Land Use: Condominium Sale Price / Type: / Full Value Land Value: \$395,152	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,334 1,400 / 0.03 1 / 3 2 / 1 \$169,395
201	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Hinton, Barbara B / Scott, Robert D 2614 S Park Ln, Santa Clara, CA 95051 2614 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 273 216-42-043 / 11/19/1982 \$74,936	Land Use: Condominium Sale Price / Type: Land Value: \$15,601	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,690 / 0.04 1 / 4 2 / 1 \$59,335
202	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sheshadri Gopalaiengar & Jayalakshmi Trus 2615 S Park Ln, Santa Clara, CA 95051 6023 Dresden Way, Stockton, CA 95212 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 209 216-42-026 Sale Price / Type: \$104,514	Land Use: Condominium Sale Price / Type: Land Value: \$21,944	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,690 / 0.04 1 / 4 2 / 1 \$82,570
203	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lee, Michael B / Oh, Yeonjin 2616 S Park Ln, Santa Clara, CA 95051 2616 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 274 216-42-044 05/22/2012 / 05/30/2012 \$487,821	Land Use: Condominium Sale Price / Type: Land Value: \$425,000 / Full Value \$243,825	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,334 1,400 / 0.03 1 / 3 2 / 1 \$243,996
204	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wang, Ju-Chiang / Chen, Jui-Fan 2617 S Park Ln, Santa Clara, CA 95051 2617 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 208 216-42-025 05/01/2019 / 05/09/2019 \$1,122,000	Land Use: Condominium Sale Price / Type: Land Value: \$1,100,000 / Full Va... \$561,000	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,506 1,656 / 0.04 1 / 4 2 / 1 \$561,000
205	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Eudy, Charles G / Eudy, Patricia A 2619 S Park Ln, Santa Clara, CA 95051 2619 S Park Ln, Santa Clara, CA 95051 Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 207 216-42-024 01/07/2004 / 01/14/2004 \$219,646	Land Use: Condominium Sale Price / Type: Land Value: \$190,000 / \$51,136	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,383 1,656 / 0.04 1 / 2 1 / 1 \$168,510
206	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Withers Joshua & Adriana Trustee 2621 S Park Ln, Santa Clara, CA 95051 135 Preston Dr, Mountain View, CA 94040, (No Mail) Tract 5058 South Drive Park Book 300 Page 40 Page 42 Lot 206 216-42-023 10/19/2007 / 10/24/2007 \$612,522	Land Use: Condominium Sale Price / Type: Land Value: \$510,000 / Full Value \$300,255	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 1974 1,092 1,976 / 0.05 1 / 2 2 / \$312,267
207	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kafi Majid & Karimi Afarin Trustee 2543 Pebble Beach Dr, Santa Clara, CA 95051 44256 Revere Pl, Fremont, CA 94539 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 649 216-16-061 12/14/2012 / 12/21/2012 \$428,572	Land Use: SFR Sale Price / Type: Land Value: \$298,000 / Full Value \$268,432	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 2010 1,383 6,000 / 0.14 1 / 3 2 / \$160,140

208	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Singh, Jagat J / Kaur, Kirandeep 2553 Pebble Beach Dr, Santa Clara, CA 95051 2553 Pebble Beach Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 650 216-16-046 11/02/2015 / 12/01/2015 \$1,209,012	Land Use: SFR Sale Price / Type: \$795,000 / Full Value Land Value: \$660,282	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 2018 2,394 7,872 / 0.18 1 / 4 4 / \$548,730
209	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Wang, Zhe / Zhang, Xujin 2563 Pebble Beach Dr, Santa Clara, CA 95051 2563 Pebble Beach Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 651 216-16-047 05/18/2018 / 05/22/2018 \$1,456,560	Land Use: SFR Sale Price / Type: \$1,400,000 / Full Va... Land Value: \$1,196,460	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1959 1,195 7,885 / 0.18 1 / 3 1 / \$260,100
210	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	ST Aubin Jarrett 2573 Pebble Beach Dr, Santa Clara, CA 95051 2573 Pebble Beach Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 652 216-16-048 01/20/2010 / 01/22/2010 \$472,110	Land Use: SFR Sale Price / Type: \$400,000 / Full Value Land Value: \$377,690	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 6,534 / 0.15 1 / 3 1 / \$94,420
211	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kehl George J Trustee & Kehl 2583 Pebble Beach Dr, Santa Clara, CA 95051 2787 Forbes Ave, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 653 216-16-049 / 08/31/1984 \$197,774	Land Use: SFR Sale Price / Type: Land Value: \$92,850	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 6,105 / 0.14 1 / 3 1 / \$104,924
212	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kufferath, Leslee S 2593 Pebble Beach Dr, Santa Clara, CA 95051 2593 Pebble Beach Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 654 216-16-050 05/02/1997 / 05/09/1997 \$290,382	Land Use: SFR Sale Price / Type: \$195,000 / Full Value Land Value: \$116,151	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,665 / 0.13 1 / 3 1 / \$174,231
213	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ware, Jason C 2598 Pebble Beach Dr, Santa Clara, CA 95051 42929 Nido Ct, Fremont, CA 94539 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 606 216-16-036 06/05/2000 / 06/12/2000 \$555,105	Land Use: SFR Sale Price / Type: \$395,000 / Full Value Land Value: \$388,578	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 6,750 / 0.16 1 / 3 1 / \$166,527
214	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Shi Sam & Ying Trustee 2603 Pebble Beach Dr, Santa Clara, CA 95051 76 Blossom Hill Rd, Los Gatos, CA 95032 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 655 216-16-051 07/21/2003 / 07/28/2003 \$537,554	Land Use: SFR Sale Price / Type: \$413,500 / Full Value Land Value: \$430,049	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,068 5,640 / 0.13 1 / 3 2 / \$107,505
215	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pham, Victoria T / Le, Roger 2604 Pebble Beach Dr, Santa Clara, CA 95051 2951 Fresno St, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 605 216-16-035 08/07/1997 / 08/14/1997 \$435,795	Land Use: SFR Sale Price / Type: \$223,000 / Full Value Land Value: \$310,745	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 963 5,400 / 0.12 1 / 3 2 / \$125,050

216	Owner Name:	Robinson, Aaron / Robinson, Brooke	Year Built / Eff:	1954 / 1954
	Site Address:	2614 Pebble Beach Dr, Santa Clara, CA 95051	Living Area:	1,396
	Mailing Address:	2614 Pebble Beach Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 604	Res / Comm Units:	1 /
	APN:	216-16-034 Land Use: SFR	Bedrooms:	4
	Sale / Rec Date:	08/19/2005 / 08/30/2005 Sale Price / Type:	Baths (F / H):	2 /
	Assessed Value:	\$601,655 Land Value: \$361,669	Improvement Value:	\$239,986
217	Owner Name:	Howarth, Ricky	Year Built / Eff:	1954 / 1954
	Site Address:	2623 Pebble Beach Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2623 Pebble Beach Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 656	Res / Comm Units:	1 /
	APN:	216-16-052 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	09/11/2002 / 09/18/2002 Sale Price / Type: \$390,000 /	Baths (F / H):	1 /
	Assessed Value:	\$516,200 Land Value: \$430,394	Improvement Value:	\$85,806
218	Owner Name:	Tandra, Rahul / Bandi, Sucharita	Year Built / Eff:	1954 / 2017
	Site Address:	2624 Pebble Beach Dr, Santa Clara, CA 95051	Living Area:	1,850
	Mailing Address:	2624 Pebble Beach Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 603	Res / Comm Units:	1 /
	APN:	216-16-033 Land Use: SFR	Bedrooms:	4
	Sale / Rec Date:	08/30/2017 / 09/08/2017 Sale Price / Type: \$1,530,000 / Full Va...	Baths (F / H):	3 /
	Assessed Value:	\$1,530,000 Land Value: \$1,000,000	Improvement Value:	\$530,000
219	Owner Name:	Valadez, Antonio / Valadez, Margarita	Year Built / Eff:	1954 / 1954
	Site Address:	2633 Pebble Beach Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2633 Pebble Beach Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,850 / 0.13
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 657	Res / Comm Units:	1 /
	APN:	216-16-053 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	08/30/1996 / 09/06/1996 Sale Price / Type: \$163,000 / Full Value	Baths (F / H):	1 /
	Assessed Value:	\$281,439 Land Value: \$167,527	Improvement Value:	\$113,912
220	Owner Name:	Schott, Michael J JR / Francis, Lauren	Year Built / Eff:	1954 / 1954
	Site Address:	2634 Pebble Beach Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2634 Pebble Beach Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,600 / 0.13
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 602	Res / Comm Units:	1 /
	APN:	216-16-032 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	09/19/2003 / 09/26/2003 Sale Price / Type: \$410,000 / Full Value	Baths (F / H):	1 /
	Assessed Value:	\$533,010 Land Value: \$426,411	Improvement Value:	\$106,599
221	Owner Name:	Juntilla, Marichu R / Juntilla, Winson G	Year Built / Eff:	1954 / 1954
	Site Address:	2517 Pilot Knob Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	2517 Pilot Knob Dr, Santa Clara, CA 95051	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 628	Res / Comm Units:	1 /
	APN:	216-16-072 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	07/28/2005 / 08/08/2005 Sale Price / Type: \$565,000 /	Baths (F / H):	1 /
	Assessed Value:	\$705,993 Land Value: \$564,799	Improvement Value:	\$141,194
222	Owner Name:	Hill, Victoria M	Year Built / Eff:	1954 / 1954
	Site Address:	2527 Pilot Knob Dr, Santa Clara, CA 95051	Living Area:	897
	Mailing Address:	1606 Elmwood St, Clearwater, FL 33755, (No Mail)	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 629	Res / Comm Units:	1 /
	APN:	216-16-073 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	/ 07/27/1976 Sale Price / Type: \$40,500 /	Baths (F / H):	1 /
	Assessed Value:	\$86,761 Land Value: \$37,571	Improvement Value:	\$49,190
223	Owner Name:	Huang, Junyu / Yan, Changying	Year Built / Eff:	1954 / 1954
	Site Address:	2537 Pilot Knob Dr, Santa Clara, CA 95051	Living Area:	1,394
	Mailing Address:	796 The Dalles Ave, Sunnyvale, CA 94087	Lot Area / Acres:	5,400 / 0.12
	Legal Description:	Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 630	Res / Comm Units:	1 /
	APN:	216-16-074 Land Use: SFR	Bedrooms:	3
	Sale / Rec Date:	12/26/2017 / 12/29/2017 Sale Price / Type: \$1,039,500 / Full Va...	Baths (F / H):	1 /
	Assessed Value:	\$1,207,975 Land Value: \$925,435	Improvement Value:	\$282,540

224	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pulliam Raymond C & Jayme D Trustee 2546 Pilot Knob Dr, Santa Clara, CA 95051 493 Sunrise Breeze Ave, Henderson, NV 89011 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 615 216-16-045 / 01/01/1973 \$54,225	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 6,750 / 0.16 1 / 3 1 / \$28,275
225	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Delrio, Maria G / Casterline, Maria A / Casterline Paul M 2547 Pilot Knob Dr, Santa Clara, CA 95051 2547 Pilot Knob Dr, Santa Clara, CA 95051, (No Mail) Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 631 216-16-075 05/06/1992 / 05/13/1992 \$320,681	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 914 5,400 / 0.12 1 / 2 2 / \$175,168
226	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Shiranlou, Mike / Sefidian, Saeedeh 2553 Pilot Knob Dr, Santa Clara, CA 95051 873 Karo Ct, Sunnyvale, CA 94086 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 632 216-16-076 03/02/1999 / 03/09/1999 \$477,447	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,394 5,400 / 0.12 1 / 3 1 / \$328,519
227	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chen Trust Chen Chen Melinda N 2557 Pilot Knob Dr, Santa Clara, CA 95051 21396 Maria Ln, Saratoga, CA 95070, (No Mail) Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 633 216-16-077 06/08/2017 / 06/12/2017 \$1,041,000	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,400 / 0.12 1 / 3 1 / \$154,700
228	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lopez, Yvonne M 2563 Pilot Knob Dr, Santa Clara, CA 95051 2563 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 634 216-16-078 / 04/24/1975 \$68,602	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,040 5,400 / 0.12 1 / 3 1 / \$39,901
229	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lopez Mary C Trustee 2566 Pilot Knob Dr, Santa Clara, CA 95051 2541 Amethyst Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 648 216-16-060 Sale Price / Type: Land Value:	SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,144 5,400 / 0.12 1 / 3 1 / \$29,966
230	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chow, Ey-Chih / Han, Hueiming 2567 Pilot Knob Dr, Santa Clara, CA 95051 7494 Bollinger Rd, Cupertino, CA 95014 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 635 216-16-079 02/20/2020 / 03/03/2020 \$835,192	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,162 5,400 / 0.12 1 / 3 1 / \$167,038
231	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Zendejas, Miguel A / Lopez, Blanca 2576 Pilot Knob Dr, Santa Clara, CA 95051 2576 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 647 216-16-059 11/30/1993 / 12/07/1993 \$281,670	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,013 5,400 / 0.12 1 / 3 1 / \$169,005

232	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Kim, Mo K / Kim, Young S 2577 Pilot Knob Dr, Santa Clara, CA 95051 2577 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 636 216-16-080 / 07/27/1987 \$245,617	Land Use: SFR Sale Price / Type: \$135,454 / Land Value: \$113,749	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,040 5,400 / 0.12 1 / 3 1 / \$131,868
233	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ao, David Y / Ha, Lily 2586 Pilot Knob Dr, Santa Clara, CA 95051 2586 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 646 216-16-058 06/13/2002 / 06/20/2002 \$516,201	Land Use: SFR Sale Price / Type: \$370,000 / Land Value: \$409,911	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,400 / 0.12 1 / 3 1 / \$106,290
234	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Rodriguez Edward & Bertha A Trustee 2587 Pilot Knob Dr, Santa Clara, CA 95051 2587 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 637 216-16-081 / 01/01/1973 \$56,560	Land Use: SFR Sale Price / Type: Land Value: \$24,266	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,040 5,400 / 0.12 1 / 3 1 / \$32,294
235	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Gjb Family Limited Partnership 2596 Pilot Knob Dr, Santa Clara, CA 95051 724 Laurel St, San Jose, CA 95126 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 645 216-16-057 12/28/1998 / 01/04/1999 \$65,654	Land Use: Condominium Sale Price / Type: \$258,500 / Land Value: \$24,266	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1994 / 1994 1,521 5,400 / 0.12 1 / 2 2 / 1 \$41,388
236	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ponce, Guadalupe M Family Trust 2597 Pilot Knob Dr, Santa Clara, CA 95051 2597 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 638 216-16-082 07/17/2007 / 07/23/2007 \$777,384	Land Use: SFR Sale Price / Type: \$570,000 / Full Value Land Value: \$637,253	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,400 / 0.12 1 / 3 1 / \$140,131
237	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Navarro, Roberto A / Navarro, Judy R 2606 Pilot Knob Dr, Santa Clara, CA 95051 2020 Staats Way, Santa Clara, CA 95050 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 644 216-16-056 07/26/1996 / 08/02/1996 \$238,258	Land Use: SFR Sale Price / Type: \$160,000 / Full Value Land Value: \$95,301	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,300 / 0.12 1 / 3 1 / \$142,957
238	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Lam-Huynh Family Living Trust 2607 Pilot Knob Dr, Santa Clara, CA 95051 2607 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 639 216-16-083 06/07/1994 / 06/14/1994 \$305,095	Land Use: SFR Sale Price / Type: \$152,000 / Full Value Land Value: \$124,317	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 754 5,400 / 0.12 1 / 2 1 / \$180,778
239	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pagador Silvino T & Nena C Trustee 2616 Pilot Knob Dr, Santa Clara, CA 95051 2616 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 643 216-16-055 / 07/14/1982 \$153,608	Land Use: SFR Sale Price / Type: \$14,000 / Land Value: \$60,260	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 897 5,820 / 0.13 1 / 3 1 / \$93,348

240	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Mathews Isla Trustee & Mathews Mathews Jeanette O Trustee 2617 Pilot Knob Dr, Santa Clara, CA 95051 208 Sylvia Ave, Milpitas, CA 95035 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 640 216-16-084 / 01/26/1983 \$183,537	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 1,144 5,400 / 0.12 1 / 3 1 / \$86,938
241	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Pires Maria G Trustee 2626 Pilot Knob Dr, Santa Clara, CA 95051 2626 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 642 216-16-054 / 08/31/1976 \$171,842	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1954 2,051 5,980 / 0.14 1 / 3 3 / \$132,371
242	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Sand, Allen P 2627 Pilot Knob Dr, Santa Clara, CA 95051 2627 Pilot Knob Dr, Santa Clara, CA 95051 Tract 1309 Green Vale Manor Book 50 Page 10 Page 13 Lot 641 216-16-085 10/21/2008 / 11/13/2008 \$500,426	Land Use: SFR Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1954 / 1969 1,144 5,900 / 0.14 1 / 3 2 / \$88,307
243	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	South Drive LLC 2665 South Dr, Santa Clara, CA 95051 505 W Julian St, San Jose, CA 95110 216-15-026 11/10/2014 / 11/14/2014 \$5,025,979	Land Use: Multi Family Dwelling Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1995 / 1995 45,000 98,533 / 2.26 72 / 64 0 0 / 0 \$3,091,848
244	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Digital Realty Trust LP 2401 Walsh Ave, Santa Clara, CA 95051 16600 Woodruff Ave #200, Bellflower, CA 90706 Lot 2 216-28-127 \$34,937,424	Land Use: Industrial Acreage Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1997 / 167,932 216,370 / 4.97 1 / 1 0 0 / 0 \$28,022,931
245	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Digital Realty Trust LP 2403 Walsh Ave, Santa Clara, CA 95051 16600 Woodruff Ave #200, Bellflower, CA 90706 Lot 1 216-28-126 01/25/1996 / 02/01/1996 \$23,342,117	Land Use: Industrial Acreage Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1973 / 103,940 195,532 / 4.49 1 / 1 0 0 / 0 \$17,243,344
246	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Silver Horse Equities LLC 2424 Walsh Ave, Santa Clara, CA 95051 265 Sunset Dr #260, Westlake Village, CA 91361 Lot B 216-28-109 06/30/2014 / 06/30/2014 \$9,623,700	Land Use: Industrial (NEC) Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1977 / 1978 30,131 89,402 / 2.05 2 / 2 0 0 / 0 \$1,300,500
247	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Cole Ofc Santa Clara Ca LP 2450 Walsh Ave, Santa Clara, CA 95051 Po Box 847, Carlsbad, CA 92018 Lot D 216-28-115 05/30/2014 / 06/02/2014 \$27,473,476	Land Use: R&D Facility Sale Price / Type: Land Value:	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1981 / 1989 64,432 138,398 / 3.18 1 / 1 0 0 / 0 \$17,308,290

248	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Cole Ofc Santa Clara Ca LP 2500 Walsh Ave, Santa Clara, CA 95051 Po Box 847, Carlsbad, CA 92018 Lot C 216-28-114 05/30/2014 / 06/02/2014 \$27,473,476	Land Use: Sale Price / Type: Land Value:	R&D Facility \$46,587,000 / Full V... \$10,165,186	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1981 / 2012 67,864 138,157 / 3.17 1 / 1 0 0 / 0 \$17,308,290
249	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chunyuan Photonics LLC 2501 Walsh Ave, Santa Clara, CA 95051 2701 Northwestern Pkwy, Santa Clara, CA 95051 Lot A Recorder's Book 813 Page 4 216-28-129 05/23/2017 / 05/31/2017 \$6,249,241	Land Use: Sale Price / Type: Land Value:	Industrial (NEC) \$5,889,000 / Full Va... \$5,836,644	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1974 / 1975 19,824 61,400 / 1.41 2 / Bedrooms: Baths (F / H): \$412,597
250	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	JJ & W-Walsh LLC 2550 Walsh Ave, Santa Clara, CA 95051 2490 Charleston Rd, Mountain View, CA 94043 Lot B 216-28-113 05/21/2015 / 05/21/2015 \$27,732,722	Land Use: Sale Price / Type: Land Value:	R&D Facility \$25,236,000 / Full V... \$10,956,421	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1981 / 2014 65,840 143,392 / 3.29 1 / 7 0 0 / 0 \$16,776,301
251	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Chunyuan Photonics LLC 2551 Walsh Ave, Santa Clara, CA 95051 2710 Northwestern Dr, Santa Clara, CA 95051 Lot B Recorder's Book 813 Page 4 216-28-130 03/01/2013 / 03/01/2013 \$4,447,282	Land Use: Sale Price / Type: Land Value:	Heavy Industrial \$3,950,000 / Full Va... \$4,166,141	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1974 / 1975 22,080 74,121 / 1.70 2 / Bedrooms: Baths (F / H): \$281,141
252	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Walsh Investment Properties LLC 2630 Walsh Ave, Santa Clara, CA 95051 2630 Walsh Ave, Santa Clara, CA 95051 Lot 2 216-28-106 05/31/2018 / 05/31/2018 \$23,929,200	Land Use: Sale Price / Type: Land Value:	R&D Facility \$23,000,000 / Full V... \$13,525,200	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1977 / 1978 55,000 162,420 / 3.73 1 / 0 0 / 0 \$10,404,000
253	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Bodo Martin Trustee & Bodo 2695 Walsh Ave, Santa Clara, CA 95051 2695 Walsh Ave, Santa Clara, CA 95051 216-28-111 12/22/2006 / 01/25/2007 \$3,368,929	Land Use: Sale Price / Type: Land Value:	Industrial (NEC) \$2,386,500 / Full Va... \$1,715,090	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	2003 / 2003 14,300 29,300 / 0.67 1 / 1 0 0 / 0 \$1,653,839
254	Owner Name: Site Address: Mailing Address: Legal Description: APN: Sale / Rec Date: Assessed Value:	Ipx Walsh Bowers Investors LP 2710 Walsh Ave, Santa Clara, CA 95051 225 W Santa Clara St #12, San Jose, CA 95113 Lot 1 216-28-105 02/14/2017 / 02/17/2017 \$14,167,126	Land Use: Sale Price / Type: Land Value:	Financial Building \$31,550,000 / \$12,203,892	Year Built / Eff: Living Area: Lot Area / Acres: Res / Comm Units: Bedrooms: Baths (F / H): Improvement Value:	1980 / 1980 45,000 114,200 / 2.62 1 / 1 0 0 / 0 \$1,963,234

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