Appendix O

Environmental Soils Analysis

EARTH SYSTEMS
4378 Santa Fe Road | San Luis Obispo, CA 93401 | (805) 544-3276 | www.earthsystems.com

August 29, 2023 FILE NO.: 305544-002

Mr. Tracy LaTray
SyWest Development
150 Pelican Way
San Rafael, California 94901

PROJECT: GOLETA BUSINESS CENTER BUILDING
FORMERLY NAMED SYWEST DEVELOPMENT COMMERCIAL BUILDING
907 SOUTH KELLOGG AVENUE
GOLETA, CALIFORNIA

SUBJECT: Results of Environmental Soils Analysis

CONTRACT
REF: Change Order No. 2, Goleta Business Center Building, Formerly Named SyWest Development Commercial Building, Environmental Soil Sampling and Analysis, 907 South Kellogg Avenue, Goleta, California, Doc. No. SM-2307-027.PRP, dated July 14, 2023

Dear Mr. LaTray:

Earth Systems Pacific (ESP) has prepared this report to summarize the sampling and laboratory analysis of the soil located at 907 South Kellogg Avenue in Goleta, California. We understand the project will include the construction of a one-story 71,600 square-foot commercial building and associated pavement, flatwork, and pavement. The intent of the work was to provide a preliminary evaluation of on-site soil for constituents of concern. The location of the project is presented on Figure 1, Site Vicinity Map.

To evaluate the on-site soils, ESP conducted a sampling and analysis program for potential chemical contaminants based on guidance published by the California Department of Toxic Substances Control (DTSC)[1]. Our scope of work included the following tasks:

- Collecting 8 samples of the on-site soil
- Screening of the soil samples with a photoionization detector (PID)
- Laboratory analysis of the samples for petroleum hydrocarbons, volatile organic compounds, semi-volatile compounds, organochlorine pesticides, polychlorinated biphenyls, and metals
- Report preparation and project management

[1] *Information Advisory, Clean Imported Fill Material*, California Department of Toxic Substances Control, October 2001.

Soil Sampling

An Earth Systems California licensed engineering geologist supervised field operations, logged the borings, collected soil samples, performed visual and olfactory assessments, performed field screening of samples with a PID, and prepared the samples for transport to the laboratory. Eight shallow soil samples (SS-1A,B through SS-4A,B) were collected from four locations across the site, using manual sampling equipment (manual soil auger). The "A" samples were collected at a depth of approximately 6 inches and the "B" samples collected from a depth of approximately 24 inches below ground surface (bgs) to provide a preliminary evaluation of chemical conditions. The approximate locations of the soil samples are presented on Figure 2, Sample Location Map. Sampling equipment was decontaminated between borings to reduce the potential for cross-contamination.

Field screening with the PID, which was calibrated to isobutylene indicated levels of volatile components in the soil. The results of the PID readings are presented below:

SS-1A – 145 ppm	SS-1B – 19.6 ppm
SS-2A – 10.9 ppm	SS-2B – 7.3 ppm
SS-3A – 11.6 ppm	SS-3B – 5.5 ppm
SS-4A – 8.8 ppm	SS-4B – 5.3 ppm

Laboratory Analysis

The eight soil samples collected, drive samples were collected in stainless steel sleeves and grab samples were placed into laboratory provided glass jars, packed on ice, and shipped overnight to Enviro-Chem, Inc., a State certified laboratory in Pomona, California. The samples were analyzed for the following compounds, using the test methods indicated:

- Total Petroleum Hydrocarbons (TPH) as gasoline, diesel, and motor oil, EPA 8015B
- Volatile Organic Compounds (VOCs) and BTEX, EPA 5030B/8260B
- Semi-Volatile Organic Compounds (SVOCs), EPA 8270C
- CAM 17 Metals, EPA 6010/7471A
- Organochlorine Pesticides (OCPs), EPA 8081A
- Polychlorinated Biphenyls (PCBs), EPA 8082

Results of Laboratory Analysis

<u>Total Petroleum Hydrocarbons (TPH)</u>

TPH as gasoline (TPHg) was not detected in the samples at or above practical quantitation limits (PQL) indicated in Table 1, Petroleum, VOCs, and SVOCs below. Diesel range hydrocarbons (TPHd) were detected in sample SS-4A at a concentration of 69.5 mg/kg. The lab flagged this analyte as present in the quantitation range but does not represent the pattern of the requested fuel; this may indicate that the detected compound was not diesel but kerosene or a similar weight

petroleum product or a result of the compound weathering. Motor oil-range hydrocarbons (TPHo) were also detected in sample SS-4A at a concentration of 441 mg/kg. Although the laboratory analysis for SS-1A and SS-1B did not detect hydrocarbons at or above the practical quantitation limit (PQL) the ground surface within the area of SS-1 was visibly stained, emitted a moderately strong chemical odor, and produced readings of 145 ppm and 19.6 ppm on the PID, for the SS-1A and SS-1B samples, respectively.

Volatile Organic Compounds (VOCs) and BTEX

None of the 65 VOCs evaluated were detected in the samples at or above PQL, which are generally 0.005 mg/kg, but are 0.02 mg/kg for acetone, MEK, 2-hexanone, and MIBK; and 0.01 mg/kg for carbon disulfide, methylene chloride, and M/P-xylene.

Semi-Volatile Organic Compounds (SVOCs)

None of the 68 SVOCs evaluated were detected in the samples at or above practical quantitation limits (PQL), which are generally 0.50 mg/kg, but are 2.50 mg/kg benzoic acid.

TABLE 1 – Petroleum, VOCs, and SVOCs

Compound/ Element	Sample Number				Regulatory Threshold
	SS-1A	SS-2A	SS-3A	SS-4A	
TPHg	<10	<10	<10	<10	200*
TPHd	<10	<10	<10	69.5	500
TPHo	<50	<50	<50	441	18,000
VOCs	All ND	All ND	All ND	All ND	Varies
SVOCs	All ND	All ND	All ND	All ND	Varies
Compound/ Element	**Sample Number**				**Regulatory Threshold**
	SS-1B	**SS-2B**	**SS-3B**	**SS-4B**	
TPHg	<10	<10	<10	<10	100*
TPHd	<10	<10	<10	<10	500
TPHo	<50	<50	<50	<50	18,000
VOCs	All ND	All ND	All ND	All ND	Varies
SVOCs	All ND	All ND	All ND	All ND	Varies

All units in mg/kg
ND – Not detected or below the practical quantitation limit (PQL) for the compound
<values - Not Detected at PQL shown, in mg/kg
*SF Bay Regional Water Quality Control Board Tier 1 Environmental Screening levels, not included in DTSC ESLs

Metals

Eleven of the 17 CAM metals were detected in the samples. The metals detected included arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. All detected metals were below their respective Total Threshold Limit Concentration (TTLC), and less than 10-times the Soluble Limit Threshold Concentration (STLC) which would have triggered analyses to assess the soluble characteristics of the element.

TABLE 2 – CAM-17 Metals

Compound/ Element	Sample Number				Regulatory Threshold
	SS-1A	SS-2A	SS-3A	SS-4A	Commercial/Industrial
Antimony	<1.0	<1.0	<1.0	<1.0	160*
Arsenic	3.97	3.89	2.53	3.01	4.2**
Barium	59.1	53.3	30.4	40.9	220,000*
Beryllium	<0.5	<0.5	<0.5	<0.5	230
Cadmium	1.52	1.48	0.854	1.26	780
Chromium	20.5	21.7	12.0	17.1	3,500*
Cobalt	5.2	5.06	3.15	4.31	350*
Copper	10.8	10.9	4.71	8.97	47,000*
Lead	5.69	5.28	2.26	5.92	320
Mercury	<0.01	0.024	0.016	0.024	190
Molybdenum	<5.0	<5.0	<5.0	<0.50	5,800*
Nickel	16.4	16.5	8.9	13.1	11,000
Selenium	<1.0	<1.0	<1.0	<1.0	5,800*
Silver	<1.0	<1.0	<1.0	<1.0	1,800*
Thallium	<1.0	<1.0	<1.0	<1.0	120*
Vanadium	23.2	23.5	14.5	21.6	5,800*
Zinc	30.6	30.1	14.7	25.7	350,000*
Compound/ Element	**Sample Number**				**Regulatory Threshold**
	SS-1B	**SS-2B**	**SS-3B**	**SS-4B**	Commercial/Industrial
Antimony	<1.0	<1.0	<1.0	<1.0	160*
Arsenic	2.43	**4.23**	1.55	3.08	4.2**
Barium	32.2	59.5	27.1	38.2	220,000*
Beryllium	<0.5	<0.5	<0.5	<0.5	230
Cadmium	0.982	1.71	0.647	1.18	780
Chromium	13.4	27.0	14.8	16.5	3,500*
Cobalt	3.55	5.89	2.27	4.31	350*
Copper	6.22	12.3	4.72	7.48	47,000*
Lead	2.95	4.49	2.18	3.6	320
Mercury	<0.01	0.021	0.003	0.021	190
Molybdenum	<5.0	<0.50	<5.0	<0.50	5,800*
Nickel	10.8	22.2	7.53	12.7	11,000
Selenium	<1.0	<1.0	<1.0	<1.0	5,800*
Silver	<1.0	<1.0	<1.0	<1.0	1,800*
Thallium	<1.0	<1.0	<1.0	<1.0	120*
Vanadium	15.3	26.0	11.0	19.1	5,800*
Zinc	20.8	37.7	13.9	21.8	350,000*

All units in mg/kg
<values - Not Detected at PQL shown, in mg/kg
*SF Bay Regional Water Quality Control Board Environmental Screening levels, not included in DTSC ESLs
**Concentrations detected as natural background levels may be up to 12 mg/kg

Organochlorine Pesticides (OCPs)

None of the 22 organochlorine pesticides evaluated were detected in the samples SS-1B, SS-2B, SS-3A, or SS-3B at or above practical quantitation limits (PQL), which are generally 0.001 mg/kg, but is 0.02 mg/kg for toxaphene and 0.005 for Total Chlordane (Technical). The pesticides 4,4'-DDE were detected in samples SS1-A, SS-2A, SS-4A, and SS-4B at concentrations that ranged from 0.004 mg/kg to 0.503 mg/kg.

Polychlorinated Biphenyls (PCBs)

None of the 7 PCBs targeted were detected in the samples at or above practical quantitation limits (PQL), which are 0.01 mg/kg.

TABLE 3 – Pesticides (OCPs) and Polychlorinated Biphenyls (PCBs)

Compound	Sample Number				Regulatory Threshold
	SS-1A	SS-2A	SS-3A	SS-4A	Commercial/Industrial
4,4'-DDE	0.503	0.004	<0.001	0.308	340
All other OCPs	<PQL	<PQL	<PQL	<PQL	Varies
All PCBs	<0.01	<0.01	<0.01	<0.01	10
Compound	**Sample Number**				**Regulatory Threshold**
	SS-1B	SS-2B	SS-3B	SS-4B	Commercial/Industrial
4,4'-DDE	<0.001	<0.001	<0.001	0.057	340
All other OCPs	<PQL	<PQL	<PQL	<PQL	Varies
All PCBs	<0.01	<0.01	<0.01	<0.01	10

All units in mg/kg
<values - Not Detected at PQL shown, in mg/kg
*SF Bay Regional Water Quality Control Board Tier 1 Environmental Screening levels, not included in DTSC ESLs

Discussion of Analytical Results

The results of the laboratory analyses were compared to regulatory thresholds, or environmental screening levels (ESLs) for commercial/industrial land use. The primary reference for the ESLs is California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3 (DTSC 2020). This agency has established environmental screening levels (ESLs) based on potential health effects that consider potential exposure levels during commercial/industrial land use. Alternatively, if the DTSC HHRA does not include ESLs for specific compounds or elements the regulatory threshold was taken from the San Francisco Bay Regional Water Quality Control Board (RWQCB) Summary of Soil ESLs Table S-1, Direct Exposure Human Health Risk Levels (RWQCB 2019). Regardless of the source of the regulatory threshold the limit expressed in the tables assumes non-cancer hazard for commercial/industrial exposure.

Petroleum hydrocarbons

The eight soil samples collected on the site were evaluated for total petroleum hydrocarbons (TPH) in the gasoline (TPHg), diesel (TPHd), and motor oil (TPHo) carbon-chain ranges. Our analyses indicate that diesel- and motor oil-range TPH (TPHd/o) were detected in sample SS-4A at concentrations that are below environmental screening levels for commercial/industrial land use.

The ground surface within the area of SS-1 was visibly stained, emitted a moderately strong hydrocarbon odor and produced a reading up to 145 ppm on the PID. Because the laboratory results for the sample collected at approximately 6 inches below the ground surface were non-detect for TPH, VOCs, and SVOCs the impacted soils at SS-1 are probably limited to the upper few inches in this area.

Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs)

VOCs and SVOCs were not detected in any of the soil samples collected and analyzed for the project.

Metals

Eleven of the 17 CAM metals were detected in the samples. The metals detected included arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. All detected metals were below their respective Total Threshold Limit Concentration (TTLC). The results of these analyses indicate that the soils analyzed would be classified as a non-hazardous waste per California Code of Regulations Title 22.

Arsenic was detected in all samples at concentrations ranging from 1.55 to 4.23 mg/kg. The concentration of arsenic detected in sample SS-2B is above the DTSC arsenic ESL of 4.2 mg/kg for commercial/industrial land use; however, it is common for arsenic to exceed ESL in California soils, as has been noted by the California Department of Toxic Substances Control (DTSC, 2009). In a study of a large data set from sites throughout southern California, arsenic soil concentrations ranged from 0.15 to 19.6 mg/kg, with an upper-bound 95% confidence level concentration of 12 mg/kg; this concentration has been established by DTSC as an alternate screening level for background arsenic in soil. Because the detected concentrations of arsenic are below this alternate threshold, we conclude that the concentrations of arsenic at the site represent ambient conditions and does not constitute a contaminant of concern for on-site use. The concentrations of arsenic are less than the State TTLC of 500 mg/kg, and exported soils would therefore be classified as non-hazardous.

Organochlorine Pesticides (OCPs) and Polychlorinated Biphenyls (PCBs)

The pesticide 4,4'-DDE was detected in samples SS-1A, SS-2A, SS-4A, and SS-4B at concentrations that ranged from 0.004 mg/kg to 0.503 mg/kg. These concentrations are below the DTSC ESL for commercial/industrial land use of 340 mg/kg for DDE. These concentrations are also below California Title 22 hazardous waste criteria of 1.0 mg/kg.

Based upon the data collected during this assessment and laboratory analysis of soil samples, we are able to provide initial information regarding the distribution of constituents of concern at the site.

The intent of this assessment was to develop preliminary information on the types and potential distribution that constituents of concern may have an effect on the redevelopment of the site. Based on our findings, constituents of concern were not detected in our samples that exceed regulatory thresholds for on-site use as a commercial/industrial facility. Because ESLs for other use categories may be more conservative than the thresholds established for commercial/industrial land use additional evaluation may be needed to characterize soils selected for export to a site that is a different use category. Due to the limited nature of this assessment, the vertical and lateral extent of contamination was not fully assessed during this phase of work. We recommend that soils in the vicinity of SS-1 that indicate some level of surficial contamination be sequestered for further analysis or blended during grading to an extent that olfactory detection of hydrocarbons is not possible. The county of Santa Barbara considers the presence of volatile compounds at concentrations of 100 ppm (mg/kg) a nuisance and blending should dilute the affected soils to this concentration or below.

Limitation

This report has been prepared for the exclusive use of SyWest Development of San Rafael, California, regarding the property at 907 South Kellogg Avenue in Goleta, California. Use of, or reliance on the information and opinions contained in this report by other parties, without first consulting this office, is at those parties' own risk.

The findings presented in this document are based on the results of laboratory analysis of soil samples. It is possible that variations exist beyond or between points sampled during the course of the project. Changes in conditions could also occur due to contaminant migration, variations in climate, or other factors not apparent at the time of field work.

It should be noted that any level of assessment cannot ascertain that a property is completely free of chemical or toxic substances; therefore, Earth Systems Pacific cannot offer the certification of a "clean" property. We believe the scope of work performed is sufficient to allow an interested party to make an informed decision. The services performed by Earth Systems Pacific were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the site vicinity.

We appreciate the opportunity to be of service. If you have any questions or comments regarding this report, please contact this office at your convenience.

Sincerely,

Earth Systems Pacific



Darrin Hasham, CEG 2423
Vice President, Associate Geologist

Doc. No.: SLO-2308-083.PRP/pm

REFERENCES

DTSC (California Department of Toxic Substances Control), 2001, Information Advisory – Clean Imported Fill Material

DTSC (California Department of Toxic Substances Control), 2009, Determination of a Southern California Regional Background Arsenic Concentration in Soil, https://www.dtsc.ca.gov/upload/background-arsenic.pdf.

DTSC (California Department of Toxic Substances Control), 2020a, Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs), June 2020

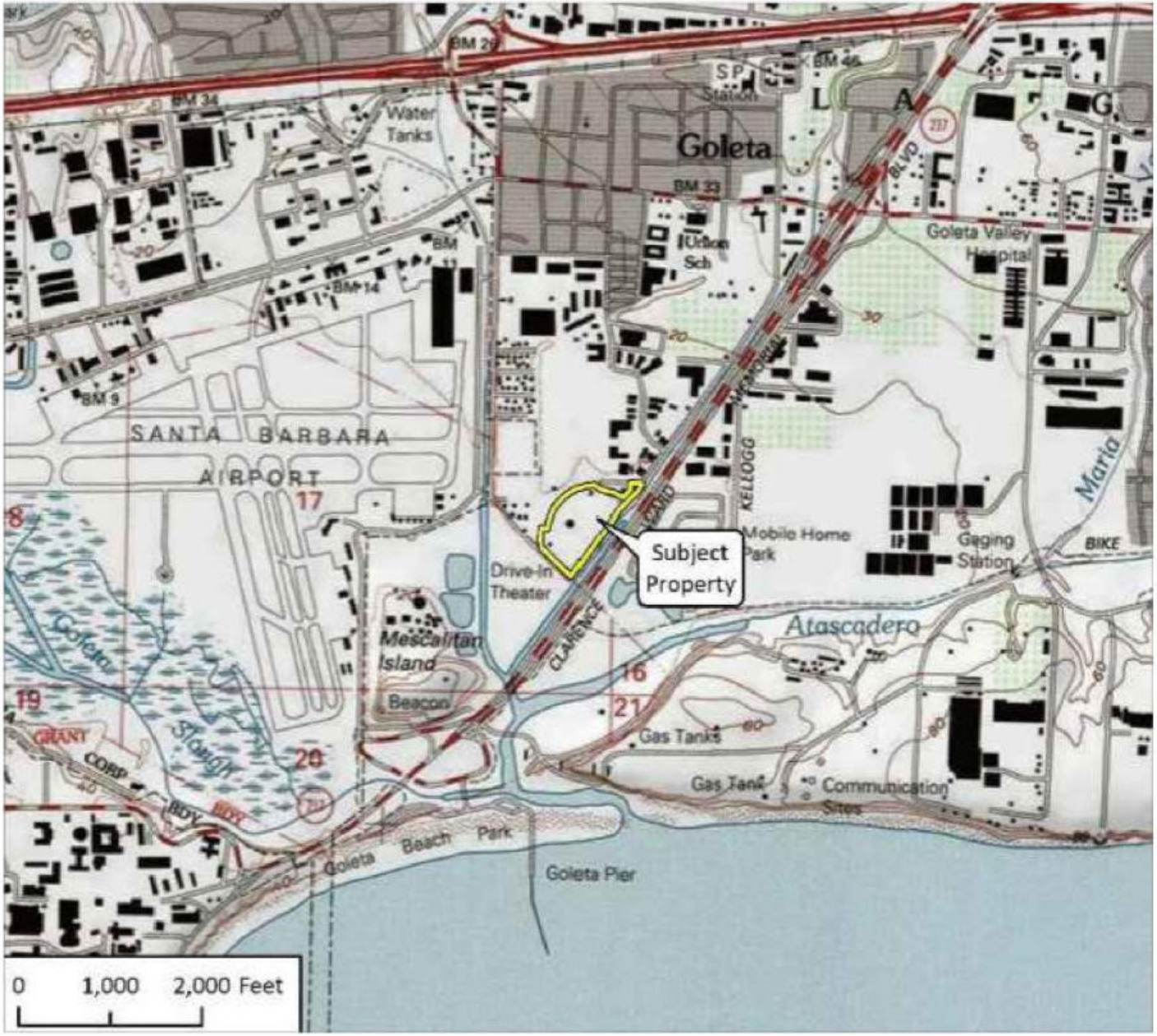
DTSC (California Department of Toxic Substances Control), 2020b, Human Health Risk Assessment (HHRA) Note Number 11, Southern California Ambient Arsenic Screening Level, December 2020

RWQCB (Regional Water Quality Control Board), 2019, Update to Environmental Screening Levels (ESLs) File No. 1210.40 (NF), dated January 24, 2019, Tier 1 and Summary Tables

APPENDIX A

Figure 1 – Site Vicinity Map

Figure 2 - Sample Location Map



BASE MAP PROVIDED BY: PHASE I ENVIRONMENTAL SITE ASSESSMENT (RINCON CONSULTANTS, 2023)

Earth Systems Pacific
4378 Old Santa Fe Road, San Luis Obispo, CA 93401
www.earthsystems.com
(805) 544-3276 • Fax (805) 544-1786

SITE VICINITY MAP

Goleta Business Center Building
907 Kellogg Avenue
Goleta, California

Date
August 2023

Project No.
305544-002

Figure 1

305544-002 GOLETABUSINESSCENTERBLDG--ENVIRO08232023maps.dwg



LEGEND

1 ● Sample Location (Approx.)

BASE MAP PROVIDED BY: PHASE I ENVIRONMENTAL SITE ASSESSMENT (RINCON CONSULTANTS, 2023)

Earth Systems Pacific
4378 Old Santa Fe Road, San Luis Obispo, CA 93401
www.earthsystems.com
(805) 544-3276 • Fax (805) 544-1786

EXPLORATION LOCATION MAP

Goleta Business Center Building
907 Kellogg Avenue
Goleta, California

Date
August 2023

Project No.
305544-002

Figure 2

305544-002 GOLETABUSINESSCENTERBLDG-ENVIRO08232023maps.dwg

APPENDIX B

Enviro-Chem Analytical Reports

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: August 9, 2023

Mr. Darrin Hasham
Earth Systems Pacific
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(802)234-9454 E-Mail: DHasham@EarthSystems.com

Project: **Goleta Business Ctr / 305544-002**
Lab I.D.: **230804-1 through -8**

Dear Mr. Hasham:

The **analytical results** for the sludge and soil samples, received by our lab on August 4, 2023, are attached. The samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Pearl Wong
Quality Manager

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or Manager's Designee, as verified by the above signature which applies to this PDF File as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of ELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SLUDGE/SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04/23
DATE ANALYZED:08/04/23
DATE REPORTED:08/09/23

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C6-C10	C10-C28	C28-C35	DF
SS-1A	230804-1	ND	ND	ND	1
SS-1B	230804-2	ND	ND	ND	1
SS-2A	230804-3	ND	ND	ND	1
SS-2B	230804-4	ND	ND	ND	1
SS-3A	230804-5	ND	ND	ND	1
SS-3B	230804-6	ND	ND	ND	1
SS-4A	230804-7	ND	69.5 *	441	2
SS-4B	230804-8	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

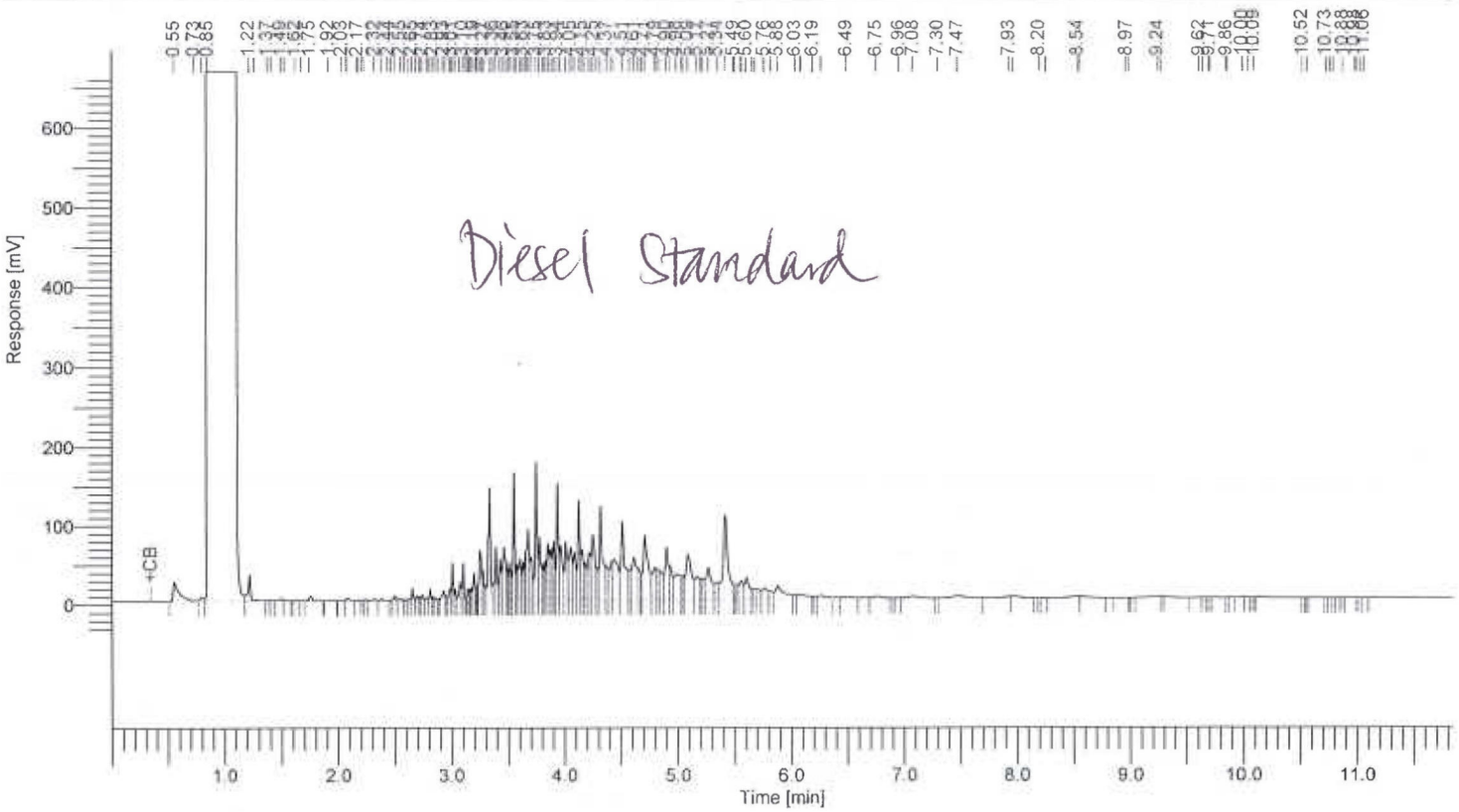
COMMENTS:
C6-C10 = GASOLINE RANGE
C10-C28 = DIESEL RANGE
C28-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Software Version : 6.3.4.0700
Sample Name : DIESEL CCV 2000 PPM (GC4179) 2uL
Instrument Name : GC-I
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 4

Date : 8/4/2023 3:09:36 PM
Data Acquisition Time : 8/2/2023 2:13:36 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2023\I2308\I230802\A004.rst
Sequence File : E:\GC DATA\GC-I\I2023\I2308\I230802\I230802.seq



8015 Results

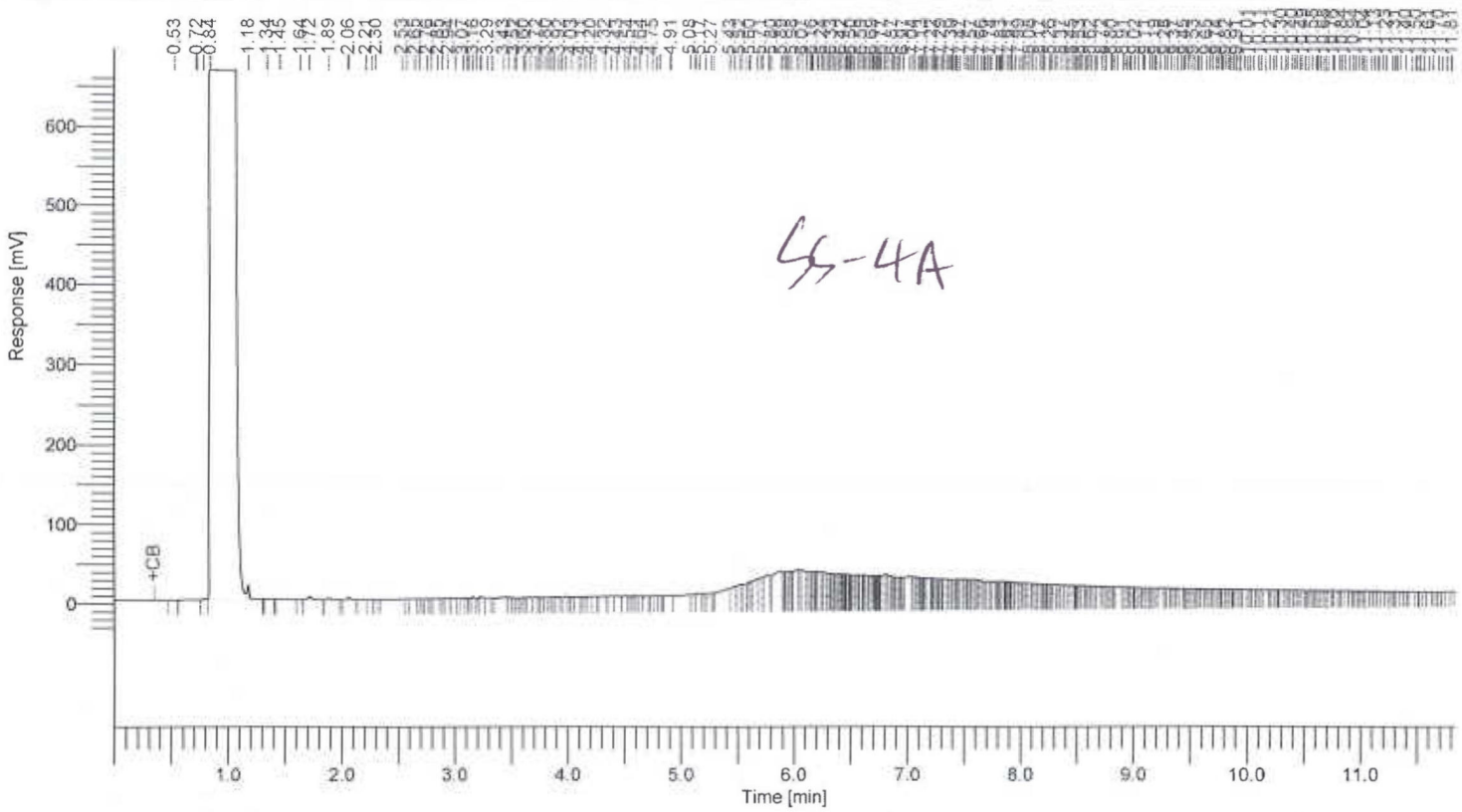
Component Name	Area [uV*sec]	Adjusted Amount
C10~C28	6878467	1980.0
	6878467	1980.0

Report stored in ASCII file: E:\GC DATA\GC-I\I2023\I2308\I230802\A004.TX0

Software Version : 6.3.4.0700
Sample Name : 230804-7 20/4 RE
Instrument Name : GC-I
Rack/Vial : 0/33
Sample Amount : 1.000000
Cycle : 22

Date : 8/4/2023 3:09:31 PM
Data Acquisition Time : 8/4/2023 2:00:41 PM
Channel : A
Operator : tcprocess
Dilution Factor : 1.000000

Result File : E:\GC DATA\GC-I\I2023\I2308\I230802\A118.rst
Sequence File : E:\GC DATA\GC-I\I2023\I2308\I230802\I230802.seq



GS-4A

8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C6~C10	61348	-70.2
C10~C28	1854466	347.6
C28~C35	2755169	2206.9
	4670983	2484.4

Report stored in ASCII file: E:\GC DATA\GC-I\I2023\I2308\I230802\A118.TX0

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 8/4/2023 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 230804-1 MS/MSD

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0.0	200	156	**78%**	175	**88%**	**11%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	%REC	ACP
C10~C28 Range	200	198	**99%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.97	0.5	1	500	5.0	6010B
Barium(Ba)	59.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.52	0.5	1	100	1.0	6010B
Chromium Total(Cr)	20.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	5.20	1.0	1	8,000	80	6010B
Copper(Cu)	10.8	1.0	1	2,500	25	6010B
Lead(Pb)	5.69	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	16.4	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	23.2	5.0	1	2,400	24	6010B
Zinc(Zn)	30.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.43	0.5	1	500	5.0	6010B
Barium(Ba)	32.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.982	0.5	1	100	1.0	6010B
Chromium Total(Cr)	13.4	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	3.55	1.0	1	8,000	80	6010B
Copper(Cu)	6.22	1.0	1	2,500	25	6010B
Lead(Pb)	2.95	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	10.8	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	15.3	5.0	1	2,400	24	6010B
Zinc(Zn)	20.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.89	0.5	1	500	5.0	6010B
Barium(Ba)	53.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.48	0.5	1	100	1.0	6010B
Chromium Total(Cr)	21.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	5.06	1.0	1	8,000	80	6010B
Copper(Cu)	10.9	1.0	1	2,500	25	6010B
Lead(Pb)	5.28	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.024	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	16.5	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	23.5	5.0	1	2,400	24	6010B
Zinc(Zn)	30.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
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-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2B** — LAB I.D.: 230804-4

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	4.23	0.5	1	500	5.0	6010B
Barium(Ba)	59.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.71	0.5	1	100	1.0	6010B
Chromium Total(Cr)	27.0	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	5.89	1.0	1	8,000	80	6010B
Copper(Cu)	12.3	1.0	1	2,500	25	6010B
Lead(Pb)	4.49	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.021	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	22.2	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	26.0	5.0	1	2,400	24	6010B
Zinc(Zn)	37.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A** LAB I.D.: 230804-5

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	2.53	0.5	1	500	5.0	6010B
Barium(Ba)	30.4	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.854	0.5	1	100	1.0	6010B
Chromium Total(Cr)	12.0	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	3.15	1.0	1	8,000	80	6010B
Copper(Cu)	4.71	1.0	1	2,500	25	6010B
Lead(Pb)	2.26	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.016	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	8.90	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.5	5.0	1	2,400	24	6010B
Zinc(Zn)	14.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4A** LAB I.D.: 230804-7

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.01	0.5	1	500	5.0	6010B
Barium(Ba)	40.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.26	0.5	1	100	1.0	6010B
Chromium Total(Cr)	17.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.31	1.0	1	8,000	80	6010B
Copper(Cu)	8.97	1.0	1	2,500	25	6010B
Lead(Pb)	5.92	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.024	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	13.1	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	21.6	5.0	1	2,400	24	6010B
Zinc(Zn)	25.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	3.08	0.5	1	500	5.0	6010B
Barium(Ba)	38.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.18	0.5	1	100	1.0	6010B
Chromium Total(Cr)	16.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	4.31	1.0	1	8,000	80	6010B
Copper(Cu)	7.48	1.0	1	2,500	25	6010B
Lead(Pb)	3.60	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.021	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	12.7	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	19.1	5.0	1	2,400	24	6010B
Zinc(Zn)	23.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04&08/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -5, -7, -8

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.0	-	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/8/2023 **Unit : mg/Kg(ppm)**

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	230804-7	50.0	102	PASS	3.01	50.0	47.9	90%	48.0	90%	0%
Cadmium (Cd)	230804-7	50.0	104	PASS	1.26	50.0	47.2	92%	47.5	92%	1%
Lead(Pb)	230804-7	50.0	103	PASS	5.92	50.0	52.2	93%	52.8	94%	1%

ANALYSIS DATE. : 8/4/2023

Analysis	Spk. Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	230803-6	0.125	92	PASS	0	0.125	0.107	86%	0.106	85%	1%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium (Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	**70~ 130**	**70~ 130**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3B** LAB I.D.: 230804-6

TOTAL THRESHOLD LIMIT CONCENTRATION (TTLC) ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	0.400	1	500	15	6010B
Arsenic(As)	1.55	0.200	1	500	5.0	6010B
Barium(Ba)	27.1	2.00	1	10,000	100	6010B
Beryllium(Be)	ND	0.200	1	75	0.75	6010B
Cadmium(Cd)	0.647	0.200	1	100	1.0	6010B
Chromium(Cr), Total	14.8 **	0.200	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.00	-	500	5.0	7196A
Cobalt(Co)	2.27	0.400	1	8,000	80	6010B
Copper(Cu)	4.72	0.400	1	2,500	25	6010B
Lead(Pb)	2.18	0.200	1	1,000	5.0	6010B
Mercury(Hg)	0.003	0.002	1	20	0.2	7470A
Molybdenum(Mo)	ND	2.00	1	3,500	350	6010B
Nickel(Ni)	7.53	1.00	1	2,000	20	6010B
Selenium(Se)	ND	0.400	1	100	1.0	6010B
Silver(Ag)	ND	0.400	1	500	5.0	6010B
Thallium(Tl)	ND	0.400	1	700	7.0	6010B
Vanadium(V)	11.0	2.00	1	2,400	24	6010B
Zinc(Zn)	13.9	0.200	1	5,000	250	6010B

COMMENTS:
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

METHOD BLANK FOR LAB I.D.: 230804-6

TOTAL THRESHOLD LIMIT CONCENTRATION (TTLC) ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	0.400	1	500	15	6010B
Arsenic(As)	ND	0.200	1	500	5.0	6010B
Barium(Ba)	ND	2.00	1	10,000	100	6010B
Beryllium(Be)	ND	0.200	1	75	0.75	6010B
Cadmium(Cd)	ND	0.200	1	100	1.0	6010B
Chromium(Cr), Total	ND	0.200	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	1.00	-	500	5.0	7196A
Cobalt(Co)	ND	0.400	1	8,000	80	6010B
Copper(Cu)	ND	0.400	1	2,500	25	6010B
Lead(Pb)	ND	0.200	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.002	1	20	0.2	7470A
Molybdenum(Mo)	ND	2.00	1	3,500	350	6010B
Nickel(Ni)	ND	1.00	1	2,000	20	6010B
Selenium(Se)	ND	0.400	1	100	1.0	6010B
Silver(Ag)	ND	0.400	1	500	5.0	6010B
Thallium(Tl)	ND	0.400	1	700	7.0	6010B
Vanadium(V)	ND	2.00	1	2,400	24	6010B
Zinc(Zn)	ND	0.200	1	5,000	250	6010B

COMMENTS:
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal recommended (if marked)
** = Additional Analysis needed, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC-- LIQ/SLUDGE MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/4/2023 **Unit : mg/Kg(ppm)**

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Chromium(Cr)	230803-12	20.0	101	PASS	0	20.0	18.4	92%	18.6	93%	1%
Lead(Pb)	230803-12	20.0	100	PASS	0	20.0	18.8	94%	18.9	95%	1%
Zinc (Zn)	230803-12	20.0	101	PASS	1.15	20.0	19.9	94%	20.0	94%	1%

ANALYSIS DATE. : 8/4/2023

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	230711-30	0.0250	92	PASS	0	0.0250	0.0224	90%	0.0216	86%	4%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Chromium(Cr)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	**70 ~ 130**	**70 ~ 130**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

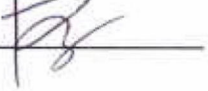
CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

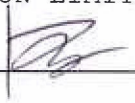
CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM
DATE RECEIVED: 08/04/23
DATE ANALYZED: 08/04/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-2B** LAB I.D.: 230804-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-2B** LAB I.D.: 230804-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A** LAB I.D.: 230804-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM
DATE RECEIVED: 08/04/23
DATE ANALYZED: 08/04/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A**
LAB I.D.: 230804-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3B** LAB I.D.: 230804-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM
DATE RECEIVED: 08/04/23
DATE ANALYZED: 08/04/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3B**
LAB I.D.: 230804-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL — DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 — DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM — DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4A** — LAB I.D.: 230804-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-4A** LAB I.D.: 230804-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX:SOIL DATE RECEIVED:08/04/23
SAMPLING DATE:08/02/23 DATE ANALYZED:08/04/23
REPORTED TO:MR. DARRIN HASHAM DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SOIL DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE/SOIL DATE RECEIVED: 08/04/23
SAMPLING DATE: 08/02/23 DATE ANALYZED: 08/04/23
REPORTED TO: MR. DARRIN HASHAM DATE REPORTED: 08/09/23

METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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METHOD BLANK REPORT

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Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**
MATRIX: SLUDGE/SOIL DATE RECEIVED: 08/04/23
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METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 8/4-5/23 **Matrix:** Solid/Soil/Liquid
Machine: D **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 230804-1 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.042	84%	0.042	84%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.052	104%	0.050	100%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.039	78%	0.039	78%	0%	75-125	0-20
Toluene	0	0.050	0.045	90%	0.043	86%	4%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.046	92%	0.046	92%	0%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.041	82%	75-125
Chlorobenzene	0.050	0.050	100%	75-125
Chloroform	0.050	0.038	76%	75-125
1,1-Dichlorothene	0.050	0.038	76%	75-125
Ethylbenzene	0.050	0.048	96%	75-125
o-Xylene	0.050	0.048	96%	75-125
m,p-Xylene	0.100	0.097	97%	75-125
Toluene	0.050	0.043	86%	75-125
1,1,1-Trichloroethane	0.050	0.045	90%	75-125
Trichloroethene (TCE)	0.050	0.046	92%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	230804-1	230804-2	230804-3	230804-4	230804-5	230804-6
Dibromofluoromethane	50.0	70-130	92%	95%	94%	95%	96%	93%	100%
Toluene-d8	50.0	70-130	99%	100%	99%	101%	101%	101%	112%
4-Bromofluorobenzene	50.0	70-130	99%	102%	102%	99%	98%	99%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			230804-7	230804-8	230803-21	230803-22	230804-27	230804-29	230804-33
Dibromofluoromethane	50.0	70-130	95%	95%	93%	95%	97%	94%	99%
Toluene-d8	50.0	70-130	100%	101%	96%	95%	97%	93%	94%
4-Bromofluorobenzene	50.0	70-130	99%	100%	95%	82%	90%	83%	79%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			230804-37	230804-39	230804-44	230804-45	230804-46	230804-9	
Dibromofluoromethane	50.0	70-130	119%	95%	96%	94%	96%	93%	
Toluene-d8	50.0	70-130	90%	99%	100%	99%	100%	101%	
4-Bromofluorobenzene	50.0	70-130	86%	88%	97%	99%	99%	97%	

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

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DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/07/23
DATE ANALYZED:08/07/23
DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/07/23
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SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
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DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2B** LAB I.D.: 230804-4

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-2B** LAB I.D.: 230804-4

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A** LAB I.D.: 230804-5

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A** LAB I.D.: 230804-5

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SLUDGE
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3B** LAB I.D.: 230804-6

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SLUDGE
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

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SAMPLE I.D.: **SS-3B** LAB I.D.: 230804-6

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
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SAMPLE I.D.: **SS-4A** LAB I.D.: 230804-7

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X2*
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
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SAMPLE I.D.: **SS-4A** LAB I.D.: 230804-7

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X2*
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
* = PQL RAISED DUE TO MATRIX INTERFERENCE
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
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San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
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DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SLUDGE/SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/07/23
DATE ANALYZED: 08/07/23
DATE REPORTED: 08/09/23

METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -8

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzidine	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	2.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
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San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SLUDGE/SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/07/23
DATE ANALYZED:08/07/23
DATE REPORTED:08/09/23

METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -8

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3/4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
Pyridine	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8270C QA/QC Report

Matrix: **Soil/Solid/Sludge/Oil** Unit: mg/Kg (PPM)

Date Analyzed: 8/7-8/2023

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **230804-44 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
Phenol	0.0	2.00	2.13	**106%**	2.31	**115%**	**8%**	50-150	0-20
Pyrene	0.0	2.00	2.91	**146%**	2.96	**148%**	**2%**	50-150	0-20

Laboratory Control Spike (LCS):

Analyte	spk conc	LCS	% RC	ACP %RC
Phenol	2.00	1.70	**85%**	75-125
1,4-Dichlorobenzene	2.00	1.84	**92%**	75-125
2,4-Dichlorophenol	2.00	1.91	**95%**	75-125
Hexachlorobutadiene	2.00	2.01	**100%**	75-125
4-Chloro-3-methylphenol	2.00	1.75	**88%**	75-125
Fluoranthene	2.00	1.90	**95%**	75-125

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**MB**	**230804-44**	**230804-45**	**230804-46**	**230804-1**	**230804-2**	**230804-3**
2-Fluorophenol	40	25-121	80%	85%	91%	83%	74%	85%	97%
Phenol-d5	40	24-113	79%	80%	85%	79%	72%	81%	92%
Nitrobenzene-d5	40	23-120	78%	82%	88%	81%	73%	83%	94%
2-Fluorobiphenyl	40	30-115	92%	99%	103%	98%	92%	99%	108%
2,4,6-Tribromophenol	40	19-122	53%	51%	50%	44%	53%	52%	66%
Terphenyl-d14	40	18-137	101%	108%	114%	107%	101%	108%	118%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**230804-4**	**230804-5**	**230804-6**	**230804-7**	**230804-8**	**230804-9**	**230807-25**
2-Fluorophenol	40	25-121	83%	88%	94%	90%	90%		88%
Phenol-d5	40	24-113	81%	85%	91%	87%	86%		83%
Nitrobenzene-d5	40	23-120	81%	86%	92%	87%	87%		86%
2-Fluorobiphenyl	40	30-115	96%	97%	109%	101%	100%		102%
2,4,6-Tribromophenol	40	19-122	54%	50%	62%	85%	54%		51%
Terphenyl-d14	40	18-137	104%	107%	116%	111%	111%		112%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
2-Fluorophenol	40	25-121							
Phenol-d5	40	24-113							
Nitrobenzene-d5	40	23-120							
2-Fluorobiphenyl	40	30-115							
2,4,6-Tribromophenol	40	19-122							
Terphenyl-d14	40	18-137							

* = *Surrogate fail due to matrix interference*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Analyzed and Reviewed By: _____

Final Reviewer: _____

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LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/04&07/23
DATE ANALYZED: 08/04&07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-1A** LAB I.D.: 230804-1

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	100
alpha-BHC	ND	0.001	100
beta-BHC	ND	0.001	100
gamma-BHC (Lindane)	ND	0.001	100
delta-BHC	ND	0.001	100
alpha-Chlordane	ND	0.001	100
gamma-Chlordane	ND	0.001	100
Total Chlordane (Technical)	ND	0.005	100
4,4'-DDD	ND	0.001	100
4,4'-DDE	0.503	0.001	100
4,4'-DDT	ND	0.001	100
Dieldrin	ND	0.001	100
Endosulfan I	ND	0.001	100
Endosulfan II	ND	0.001	100
Endosulfan Sulfate	ND	0.001	100
Endrin	ND	0.001	100
Endrin Aldehyde	ND	0.001	100
Endrin Ketone	ND	0.001	100
Heptachlor Epoxide	ND	0.001	100
Heptachlor	ND	0.001	100
Methoxyclor	ND	0.001	100
Toxaphene	ND	0.020	100
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04&07/23
DATE ANALYZED:08/04&07/23
DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-1B** LAB I.D.: 230804-2

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04&07/23
DATE ANALYZED:08/04&07/23
DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-2A** LAB I.D.: 230804-3

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	0.004	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04&07/23
DATE ANALYZED:08/04&07/23
DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-2B** LAB I.D.: 230804-4

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/04&07/23
DATE ANALYZED: 08/04&07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3A** LAB I.D.: 230804-5

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SLUDGE
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/04&07/23
DATE ANALYZED: 08/04&07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-3B** LAB I.D.: 230804-6

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel: (805) 234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX: SOIL
SAMPLING DATE: 08/02/23
REPORTED TO: MR. DARRIN HASHAM

DATE RECEIVED: 08/04/23
DATE EXTRACTED: 08/04&07/23
DATE ANALYZED: 08/04&07/23
DATE REPORTED: 08/09/23

SAMPLE I.D.: **SS-4A** LAB I.D.: 230804-7

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	100
alpha-BHC	ND	0.001	100
beta-BHC	ND	0.001	100
gamma-BHC (Lindane)	ND	0.001	100
delta-BHC	ND	0.001	100
alpha-Chlordane	ND	0.001	100
gamma-Chlordane	ND	0.001	100
Total Chlordane (Technical)	ND	0.005	100
4,4'-DDD	ND	0.001	100
4,4'-DDE	0.308	0.001	100
4,4'-DDT	ND	0.001	100
Dieldrin	ND	0.001	100
Endosulfan I	ND	0.001	100
Endosulfan II	ND	0.001	100
Endosulfan Sulfate	ND	0.001	100
Endrin	ND	0.001	100
Endrin Aldehyde	ND	0.001	100
Endrin Ketone	ND	0.001	100
Heptachlor Epoxide	ND	0.001	100
Heptachlor	ND	0.001	100
Methoxyclor	ND	0.001	100
Toxaphene	ND	0.020	100
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04&07/23
DATE ANALYZED:08/04&07/23
DATE REPORTED:08/09/23

SAMPLE I.D.: **SS-4B** LAB I.D.: 230804-8

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	10
alpha-BHC	ND	0.001	10
beta-BHC	ND	0.001	10
gamma-BHC (Lindane)	ND	0.001	10
delta-BHC	ND	0.001	10
alpha-Chlordane	ND	0.001	10
gamma-Chlordane	ND	0.001	10
Total Chlordane (Technical)	ND	0.005	10
4,4'-DDD	ND	0.001	10
4,4'-DDE	0.057	0.001	10
4,4'-DDT	ND	0.001	10
Dieldrin	ND	0.001	10
Endosulfan I	ND	0.001	10
Endosulfan II	ND	0.001	10
Endosulfan Sulfate	ND	0.001	10
Endrin	ND	0.001	10
Endrin Aldehyde	ND	0.001	10
Endrin Ketone	ND	0.001	10
Heptachlor Epoxide	ND	0.001	10
Heptachlor	ND	0.001	10
Methoxyclor	ND	0.001	10
Toxaphene	ND	0.020	10
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Earth Systems Pacific**
4378 Old Santa Fe Rd.,
San Luis Obispo, CA 93401
Tel:(805)234-9454 E-Mail: DHasham@EarthSystems.com

PROJECT: **Goleta Business Ctr / 305544-002**

MATRIX:SLUDGE/SOIL
SAMPLING DATE:08/02/23
REPORTED TO:MR. DARRIN HASHAM

DATE RECEIVED:08/04/23
DATE EXTRACTED:08/04&07/23
DATE ANALYZED:08/04&07/23
DATE REPORTED:08/09/23

METHOD BLANK FOR LAB I.D.: 230804-1 THROUGH -8

Organochlorine Pesticides Analysis & PCBs
Method: EPA 8081A & 8082
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.01	1
PCB-1221	ND	0.01	1
PCB-1232	ND	0.01	1
PCB-1242	ND	0.01	1
PCB-1248	ND	0.01	1
PCB-1254	ND	0.01	1
PCB-1260	ND	0.01	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081A QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)** Date Analyzed: 8/7/23

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 230804-2 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.00500	0.00465	**93%**	0.00486	**97%**	**4%**	**0-20%**	**70-130**
Aldrin	0.000	0.00500	0.00448	**90%**	0.00469	**94%**	**5%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.00500	0.00381	**76%**	0.00400	**80%**	**5%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00493	**99%**	**75-125**
Aldrin	0.00500	0.00477	**95%**	**75-125**
4,4-DDE	0.00500	0.00404	**81%**	**75-125**
Dieldrin	0.00500	0.00451	**90%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	230804-1	230804-2	230804-3	230804-4	230804-5	230804-6
Tetra-chloro-meta-xylene	50-150	97%	103%	95%	101%	101%	100%	103%
Decachlorobiphenyl	50-150	81%	86%	80%	82%	79%	78%	78%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		230804-7	230804-8	230807-25				
Tetra-chloro-meta-xylene	50-150	100%	102%	100%				
Decachlorobiphenyl	50-150	82%	78%	73%				

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene	50-150							
Decachlorobiphenyl	50-150							

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Liquid** Date Analyzed: **8/4/2023**

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 230804-8 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0.00	0.100	0.092	**92%**	0.100	**100%**	**9%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.081	**81%**	**75-125**

S.R. = Sample Result
spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
0 1 Week (Standard)
Other:

Misc./PO# 305544-002

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required	COMMENTS
SS-1A	230804-1	8/2/23	11:25	S	1	Metal tube	NO		
SS-1B	-2		11:35	S	1				
SS-2A	-3		11:50	S	1				
SS-2B	-4		12:00	S	1				
SS-3A	-5		12:10	S	1	↓			
SS-3B	-6		12:30	Sludge	1	8oz jar			
SS-4A	-7		12:45	S	1	↓			
SS-4B	-8	↓	12:50	S	1	↓	↓		

Analysis Required: 8015B TPH gdo; 8260B VOCs BTEX; 8270 SVOCs; 6010/7471A METALS; 8081A OCPs; 8082 PCBs

Company Name: EARTH SYSTEMS PACIFIC
Address: 4378 OLD SANTA FE ROAD
City/State/Zip: SAN LUIS OBISPO CA 93401

Project Contact: DARRIN HASHAM
Tel: 805-234-9454
Fax/Email: DHASHAM@EARTHSYSTEMS.COM

Sampler's Signature:
Project Name/ID: GOLETA BUSINESS CTR 305544-002

Relinquished by:	Received by: Sofia Ohlmyer	Date & Time: 8/4/23 8:15 AM	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time:	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 8/2/2023

WHITE WITH SAMPLE • YELLOW TO CLIENT