

Date: May 26, 2020  
Project No.: 383-7-2

Prepared For: Ms. Kristi Bascom  
**HABITAT FOR HUMANITY EAST BAY/SILICON VALLEY**  
2619 Broadway  
Oakland, California 94612

Re: Phase II Soil Quality Evaluation  
101 S. Jackson Avenue  
San Jose, California 95116

Dear Ms. Bascom:

We are pleased to present this letter summarizing the results of the Phase II soil quality evaluation performed at 101 South Jackson Avenue in San Jose, California (Site, Figures 1 and 2). This work was performed for Habitat for Humanity East Bay/ Silicon Valley in accordance with our April 27, 2020 Agreement (Agreement).

## Background

Based on the findings of the January 13, 2018 Phase I Environmental Site Assessment (ESA) (Cornerstone Earth Group [Cornerstone]), the approximately 0.9-acre Site was developed with a single story, wood framed residence and a detached garage on the eastern portion of the Site. The western portion of the Site was observed to be undeveloped and covered by low grass and weeds.

The Site may have been used for agricultural purposes (row crops) in the 1930s and 1940s (Cornerstone, 2018). Elevated concentrations of arsenic, lead and organochlorine pesticides (OCPs) were previously identified in soil on the adjacent property formerly occupied by Mayfair Nursery. In addition, the potential for residual lead and pesticide concentrations in on-Site soil adjacent to on-Site structures was also identified as a potential concern.

We understand that Habitat East Bay/Silicon Valley (HH) is preparing to develop the property for residential use.

## Purpose

The purpose of this work was to evaluate potential historical impacts to near-surface soil quality.

## Soil Sampling

On May 4, 2020, our field geologist collected soil samples from two locations adjacent to the existing house, two locations adjacent to the garage, and six locations from open field areas. The samples were collected using our standard hand sampling protocol. The approximate locations are provided on Figure 2.

Soil samples were collected from each boring from depths of approximately 0 to ½ foot and 2 to 2 ½ feet. The soil samples were collected in stainless steel liners, the ends covered in Teflon film, fitted with plastic end caps, and labeled with a unique identification number. The samples were then placed in an ice-chilled cooler and transported to a state-certified analytical laboratory with chain of custody documentation.

The soil samples collected were analyzed by a state-certified laboratory for lead and arsenic (EPA Test Method 6010B) and organochlorine pesticides (OCPs) (EPA Test Method 8081).

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## Analytical Results

The detected concentrations were compared to residential DTSC-SLs<sup>1</sup>. The detected concentrations for arsenic were compared to natural background/ambient concentrations (Duverge, 2011)<sup>2</sup>.

Detected compounds are presented in Table 1. The data summary table, analytical data sheets, and chain of custody documentation are attached to this letter. A summary of the analytical results is provided below:

- Arsenic was detected in samples ranging from 6 milligrams per kilogram (mg/kg) up to 9.7 mg/kg, which is below the published background concentration of 11 mg/kg.
- Lead was detected exceeding the residential DTSC-SL of 80 mg/kg in sample SS-7 collected from the upper ½ foot of soil at a concentration of 320 mg/kg. Lead was not detected in the other soil samples analyzed exceeding the residential DTSC-SL.
- Laboratory analysis of the soil sample collected from a depth of approximately 2 to 2 ½ feet at SS-7 detected lead at 6.3 mg/kg. In addition, the surface to ½ foot sample at SS-7 was analyzed for soluble lead (Soluble Threshold Limit Concentration [STLC]) to help evaluate disposal alternatives; 1.4 milligrams per liter (mg/L) of soluble lead was detected, which is below the California STLC hazardous waste limit.
- The OCPs 4,4-DDD, 4,4-DDE, and 4,4-DDT, alpha-chlordane, gamma-chlordane and technical chlordane were detected in several samples at concentrations below their respective residential screening level.

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## Conclusions

Laboratory analyses of soil samples analyzed did not detect OCPs or arsenic above their respective residential (unrestricted) environmental screening criteria or (for arsenic) published background concentrations. Lead was detected exceeding the residential screening level in soil sample SS-7, collected from the upper ½ foot of soil. Lead was not detected at elevated concentrations in the other samples analyzed, or in the sample collected from a depth of approximately 2 to 2 ½ feet at SS-7. Based on these data, the elevated lead detected at SS-7 appears to be limited in lateral and vertical extent. Based on the proximity of sample SS-7 to the exterior wall of the garage, the lead detected in this sample is likely a result of the weathering of lead paint on the structure. The past agricultural Site uses do not appear to have significantly

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<sup>1</sup> California Department of Toxic Substances Control Screening Level (DTSC-SL); DTSC Human and Ecological Health Risk Office (HERO) *Human Health Risk Assessment (HHRA) Note Number 3: DTSC-Modified Screening Levels, April 2019*.

<sup>2</sup> Duverge, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region.

impacted soil quality. Additional sampling and analyses may be required during Site development if excess soil is generated that requires off-Site disposal.

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**Limitations**

This letter, an instrument of professional service, was prepared for the sole use of HH and may not be reproduced or distributed without written authorization from Cornerstone. The chemical data presented in this report may change over time and are only valid for this time and location. HH understands that Cornerstone reviewed and relied on the information presented in these reports and cannot be responsible for their accuracy. Cornerstone makes no warranty, expressed or implied, except that our services have been performed in accordance with the environmental principles generally accepted at this time and location.

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**Closing**

Should you have any questions regarding this letter, or if we may be of further service, please contact us at your convenience.

Sincerely,

**Cornerstone Earth Group, Inc.**

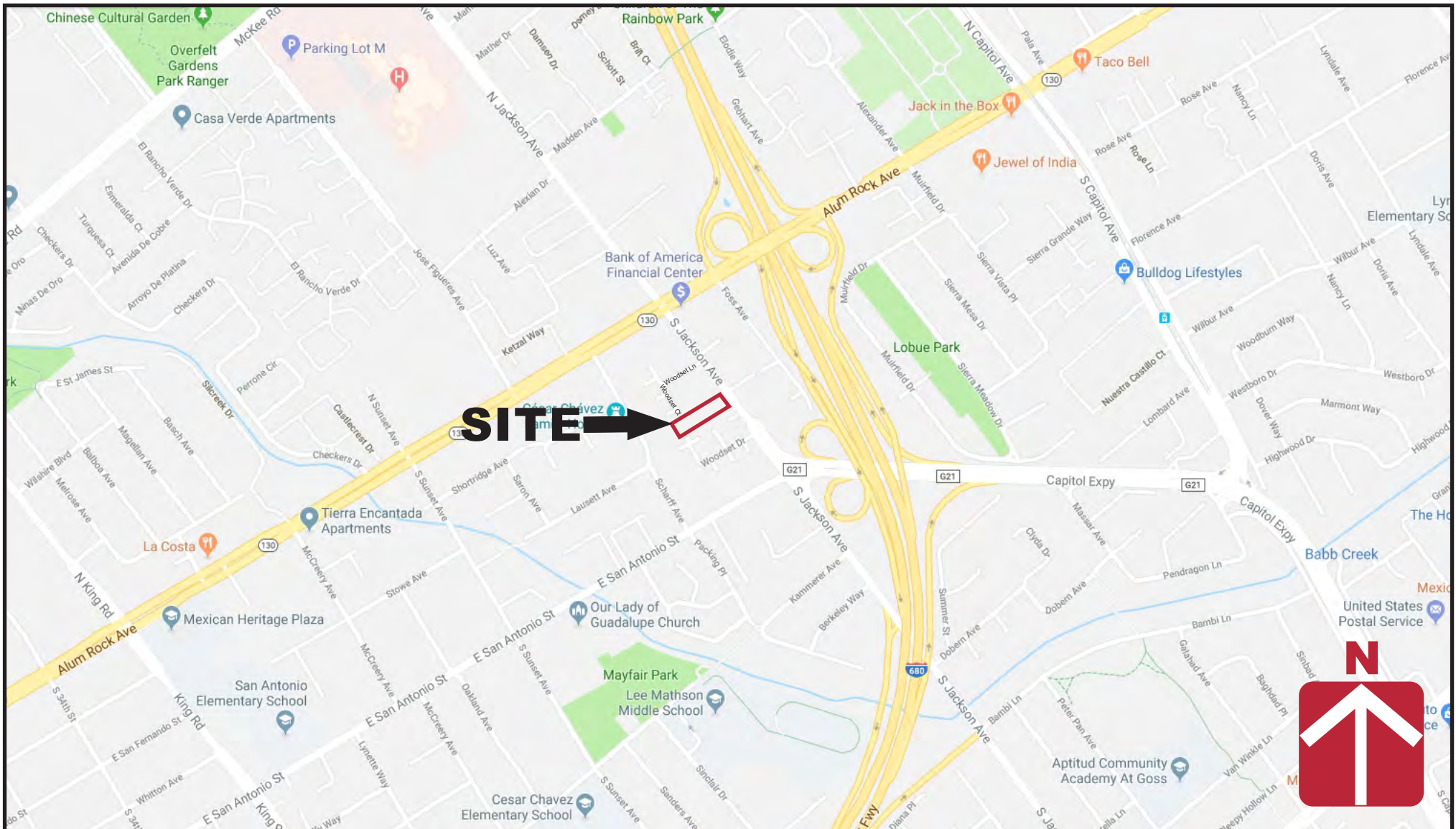
  
**Daysi/Nemecio**  
Senior Staff Geologist

  
**Peter M. Langtry, P.G., C.E.G.**  
Senior Principal Geologist



Attachments:      Figures  
                            Data Summary Tables  
                            Laboratory Data Sheets

Copies:              Addressee (1 by email)



**Vicinity Map**

**101 South Jackson Avenue  
San Jose, CA**

Project Number  
**383-7-2**

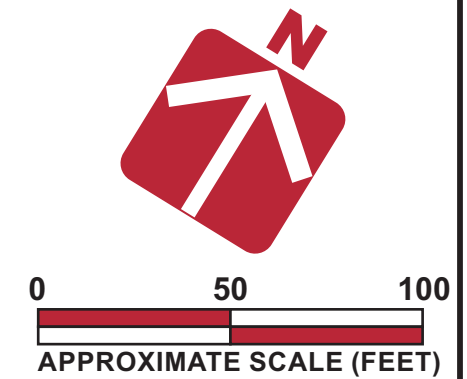
Figure Number  
**Figure 1**

Date  
May 2020

Drawn By  
RRN



**Legend**  
 ○ Approximate location of soil sample (SS)  
 (Cornerstone, May 2020)



**Table 1. Analytical Results of Selected Soil Samples**  
 (Concentrations in mg/kg)

Sample ID	Date	Depth (feet)	Arsenic	Lead	STLC Lead (mg/L)	4,4'-DDD	4,4'-DDE	4,4'-DDT	DDT Total	alpha-Chlordane	gamma-Chlordane	Technical Chlordane
SS-1(0-0.5)	5/4/2020	0-½	6	18	---	<0.0019	0.01	0.0056	0.0156	<0.0019	<0.0019	<0.038
SS-2(0-0.5)	5/4/2020	0-½	6.9	33	---	<0.002	0.0065	0.0088	0.0153	0.013	0.0082	0.095
SS-3(0-0.5)	5/4/2020	0-½	5.9	29	---	<0.0019	0.011	0.0043	0.0153	0.0029	<0.0019	<0.038
SS-4(0-0.5)	5/4/2020	0-½	9.7	70	---	<0.002	0.037	0.0073	0.0443	<0.002	<0.002	<0.039
SS-5(0-0.5)	5/4/2020	0-½	9.6	66	---	<0.0019	0.025	0.0051	0.0301	<0.0019	<0.0019	<0.038
SS-6(0-0.5)	5/4/2020	0-½	8.9	68	---	<0.002	0.035	0.0066	0.0416	<0.002	<0.002	<0.04
SS-7(0-0.5)	5/4/2020	0-½	7.5	<b>320</b>	1.4	0.0055	0.026	0.017	0.0485	<0.0039	<0.0039	<0.077
SS-7(2-2.5)	5/4/2020	2-2½	---	6.3	---	---	---	---	---	---	---	---
SS-8(0-0.5)	5/4/2020	0-½	7.4	36	---	<0.0019	0.0093	<0.0019	0.0093	<0.0019	<0.0019	<0.038
SS-9(0-0.5)	5/4/2020	0-½	6.6	25	---	<0.0019	0.0068	<0.0019	0.0068	<0.0019	<0.0019	<0.039
SS-10(0-0.5)	5/4/2020	0-½	6.7	16	---	<0.0019	0.011	0.002	0.013	<0.0019	<0.0019	<0.038
Residential Screening Level			11 <sup>1</sup>	80	5.0	2.3	2.0	1.9	1.0	1.7	1.7	1.7
Screening Criteria Basis			Duverge <sup>1</sup>	DTSC-SL <sup>2</sup>	STLC <sup>3</sup>	DTSC-SL <sup>2</sup>	DTSC-SL <sup>2</sup>	DTSC-SL <sup>2</sup>	TTL <sup>4</sup>	DTSC-SL <sup>2</sup>	DTSC-SL <sup>2</sup>	DTSC-SL <sup>2</sup>

1 Duverge, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region.

2 Recommended Screening Level (SL), HERO HHRA Note 3 - April 2019

3 Soluble Threshold Limit Concentration - California Code of Regulations, Title 22.

4 Total Threshold Limit Concentration - California Code of Regulations, Title 22.

< Not detected at or above laboratory reporting limit

**BOLD** Concentration exceeds selected Environmental Screening Criteria

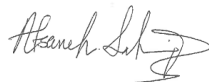
## ANALYTICAL REPORT

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

Laboratory Job ID: 720-98375-1  
Client Project/Site: 101 S. Jackson Ave

For:  
Cornerstone Earth Group  
1259 Oakmead Pkwy  
Sunnyvale, California 94085

Attn: Peter Langtry



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Authorized for release by:  
5/12/2020 4:08:07 PM

Afsaneh Salimpour, Senior Project Manager  
(925)484-1919  
[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

### LINKS

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

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



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# Definitions/Glossary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

## Glossary

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

# Case Narrative

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

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## Job ID: 720-98375-1

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### Laboratory: Eurofins TestAmerica, Pleasanton

#### Narrative

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#### Job Narrative 720-98375-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/4/2020 11:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

#### GC Semi VOA

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for cis-Chlordane & trans-Chlordane for the following sample: SS-2(0-0.5) (720-98375-3). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDT & cis-Chlordane for the following sample: SS-3(0-0.5) (720-98375-5). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDT for the following sample: SS-10(0-0.5) (720-98375-19). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The matrix spike duplicate (MSD) recoveries for preparation batch 720-281804 and analytical batch 720-281854 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8081A: The following sample was diluted due to color: SS-7(0-0.5) (720-98375-13). Elevated reporting limits (RL) are provided.

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

#### Metals

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

#### Organic Prep

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

# Detection Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Client Sample ID: SS-1(0-0.5)

## Lab Sample ID: 720-98375-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	5.6	F1	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	10		1.9		ug/Kg	1		8081A	Total/NA
Lead	18		1.1		mg/Kg	1		6010B	Total/NA
Arsenic	6.0		2.1		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-2(0-0.5)

## Lab Sample ID: 720-98375-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	8.8		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	6.5		2.0		ug/Kg	1		8081A	Total/NA
Chlordane (technical)	95		39		ug/Kg	1		8081A	Total/NA
cis-Chlordane	13	p	2.0		ug/Kg	1		8081A	Total/NA
trans-Chlordane	8.2	p	2.0		ug/Kg	1		8081A	Total/NA
Lead	33		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	6.9		2.1		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-3(0-0.5)

## Lab Sample ID: 720-98375-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	4.3	p	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	11		1.9		ug/Kg	1		8081A	Total/NA
cis-Chlordane	2.9	p	1.9		ug/Kg	1		8081A	Total/NA
Lead	29		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	5.9		2.0		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-4(0-0.5)

## Lab Sample ID: 720-98375-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	7.3		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	37		2.0		ug/Kg	1		8081A	Total/NA
Lead	70		0.98		mg/Kg	1		6010B	Total/NA
Arsenic	9.7		2.0		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-5(0-0.5)

## Lab Sample ID: 720-98375-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	5.1		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	25		1.9		ug/Kg	1		8081A	Total/NA
Lead	66		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	9.6		2.1		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-6(0-0.5)

## Lab Sample ID: 720-98375-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	6.6		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	35		2.0		ug/Kg	1		8081A	Total/NA
Lead	68		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	8.9		2.0		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-7(0-0.5)

## Lab Sample ID: 720-98375-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	17		3.9		ug/Kg	2		8081A	Total/NA
4,4'-DDE	26		3.9		ug/Kg	2		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Client Sample ID: SS-7(0-0.5) (Continued)

## Lab Sample ID: 720-98375-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	5.5		3.9		ug/Kg	2		8081A	Total/NA
Lead	320		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	7.5		2.1		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-8(0-0.5)

## Lab Sample ID: 720-98375-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	9.3		1.9		ug/Kg	1		8081A	Total/NA
Lead	36		0.95		mg/Kg	1		6010B	Total/NA
Arsenic	7.4		1.9		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-9(0-0.5)

## Lab Sample ID: 720-98375-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.8		1.9		ug/Kg	1		8081A	Total/NA
Lead	25		0.99		mg/Kg	1		6010B	Total/NA
Arsenic	6.6		2.0		mg/Kg	1		6010B	Total/NA

## Client Sample ID: SS-10(0-0.5)

## Lab Sample ID: 720-98375-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	2.0	p	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	11		1.9		ug/Kg	1		8081A	Total/NA
Lead	16		1.0		mg/Kg	1		6010B	Total/NA
Arsenic	6.7		2.0		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-1(0-0.5)**

**Lab Sample ID: 720-98375-1**

**Date Collected: 05/04/20 08:50**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
<b>4,4'-DDT</b>	<b>5.6</b>	<b>F1</b>	1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
<b>4,4'-DDE</b>	<b>10</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Toxaphene	ND		38		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
Chlordane (technical)	ND		38		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
cis-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		43 - 108	05/06/20 07:55	05/07/20 16:39	1
DCB Decachlorobiphenyl	79		25 - 141	05/06/20 07:55	05/07/20 16:39	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>18</b>		1.1		mg/Kg		05/06/20 05:47	05/11/20 23:21	1
<b>Arsenic</b>	<b>6.0</b>		2.1		mg/Kg		05/06/20 05:47	05/11/20 23:21	1

# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-2(0-0.5)**

**Lab Sample ID: 720-98375-3**

**Date Collected: 05/04/20 09:04**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Dieldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endrin aldehyde	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endrin ketone	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Heptachlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
<b>4,4'-DDT</b>	<b>8.8</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
<b>4,4'-DDE</b>	<b>6.5</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
4,4'-DDD	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endosulfan I	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endosulfan II	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
alpha-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
beta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
delta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Methoxychlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
Toxaphene	ND		39		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
<b>Chlordane (technical)</b>	<b>95</b>		39		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
<b>cis-Chlordane</b>	<b>13 p</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1
<b>trans-Chlordane</b>	<b>8.2 p</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		43 - 108	05/06/20 07:55	05/07/20 16:58	1
DCB Decachlorobiphenyl	75		25 - 141	05/06/20 07:55	05/07/20 16:58	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>33</b>		1.0		mg/Kg		05/06/20 05:47	05/11/20 23:24	1
<b>Arsenic</b>	<b>6.9</b>		2.1		mg/Kg		05/06/20 05:47	05/11/20 23:24	1

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-3(0-0.5)**

**Lab Sample ID: 720-98375-5**

**Date Collected: 05/04/20 09:27**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
<b>4,4'-DDT</b>	<b>4.3</b>	<b>p</b>	1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
<b>4,4'-DDE</b>	<b>11</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Toxaphene	ND		38		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
Chlordane (technical)	ND		38		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
<b>cis-Chlordane</b>	<b>2.9</b>	<b>p</b>	1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	57		43 - 108	05/06/20 07:55	05/07/20 17:17	1
DCB Decachlorobiphenyl	74		25 - 141	05/06/20 07:55	05/07/20 17:17	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>29</b>		1.0		mg/Kg		05/06/20 05:47	05/11/20 23:28	1
<b>Arsenic</b>	<b>5.9</b>		2.0		mg/Kg		05/06/20 05:47	05/11/20 23:28	1

# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-4(0-0.5)**

**Lab Sample ID: 720-98375-7**

**Date Collected: 05/04/20 09:48**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Dieldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endrin aldehyde	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endrin ketone	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Heptachlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
<b>4,4'-DDT</b>	<b>7.3</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
<b>4,4'-DDE</b>	<b>37</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
4,4'-DDD	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endosulfan I	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endosulfan II	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
alpha-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
beta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
delta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Methoxychlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Toxaphene	ND		39		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
Chlordane (technical)	ND		39		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
cis-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1
trans-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		43 - 108	05/06/20 07:55	05/07/20 17:36	1
DCB Decachlorobiphenyl	68		25 - 141	05/06/20 07:55	05/07/20 17:36	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>70</b>		0.98		mg/Kg		05/06/20 05:47	05/11/20 23:32	1
<b>Arsenic</b>	<b>9.7</b>		2.0		mg/Kg		05/06/20 05:47	05/11/20 23:32	1



# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-5(0-0.5)**

**Lab Sample ID: 720-98375-9**

**Date Collected: 05/04/20 09:36**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
<b>4,4'-DDT</b>	<b>5.1</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
<b>4,4'-DDE</b>	<b>25</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Toxaphene	ND		38		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
Chlordane (technical)	ND		38		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
cis-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		43 - 108	05/06/20 07:55	05/07/20 17:56	1
DCB Decachlorobiphenyl	71		25 - 141	05/06/20 07:55	05/07/20 17:56	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>66</b>		1.0		mg/Kg		05/06/20 05:47	05/11/20 23:36	1
<b>Arsenic</b>	<b>9.6</b>		2.1		mg/Kg		05/06/20 05:47	05/11/20 23:36	1

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-6(0-0.5)**

**Lab Sample ID: 720-98375-11**

**Date Collected: 05/04/20 09:07**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Dieldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endrin aldehyde	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endrin ketone	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Heptachlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
<b>4,4'-DDT</b>	<b>6.6</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
<b>4,4'-DDE</b>	<b>35</b>		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
4,4'-DDD	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endosulfan I	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endosulfan II	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
alpha-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
beta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
delta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Methoxychlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Toxaphene	ND		40		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
Chlordane (technical)	ND		40		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
cis-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1
trans-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		43 - 108	05/06/20 07:55	05/07/20 18:15	1
DCB Decachlorobiphenyl	70		25 - 141	05/06/20 07:55	05/07/20 18:15	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>68</b>		1.0		mg/Kg		05/06/20 05:47	05/11/20 23:40	1
<b>Arsenic</b>	<b>8.9</b>		2.0		mg/Kg		05/06/20 05:47	05/11/20 23:40	1

# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-7(0-0.5)**

**Lab Sample ID: 720-98375-13**

**Date Collected: 05/04/20 09:20**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Dieldrin	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endrin aldehyde	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endrin	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endrin ketone	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Heptachlor	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Heptachlor epoxide	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
<b>4,4'-DDT</b>	<b>17</b>		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
<b>4,4'-DDE</b>	<b>26</b>		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
<b>4,4'-DDD</b>	<b>5.5</b>		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endosulfan I	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endosulfan II	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
alpha-BHC	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
beta-BHC	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
gamma-BHC (Lindane)	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
delta-BHC	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Endosulfan sulfate	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Methoxychlor	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Toxaphene	ND		77		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
Chlordane (technical)	ND		77		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
cis-Chlordane	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2
trans-Chlordane	ND		3.9		ug/Kg		05/06/20 07:55	05/07/20 18:34	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		43 - 108	05/06/20 07:55	05/07/20 18:34	2
DCB Decachlorobiphenyl	72		25 - 141	05/06/20 07:55	05/07/20 18:34	2

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>320</b>		1.0		mg/Kg		05/06/20 05:47	05/11/20 23:43	1
<b>Arsenic</b>	<b>7.5</b>		2.1		mg/Kg		05/06/20 05:47	05/11/20 23:43	1

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-8(0-0.5)**

**Lab Sample ID: 720-98375-15**

**Date Collected: 05/04/20 09:55**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
4,4'-DDT	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
<b>4,4'-DDE</b>	<b>9.3</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Toxaphene	ND		38		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
Chlordane (technical)	ND		38		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
cis-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		43 - 108	05/06/20 07:55	05/07/20 18:53	1
DCB Decachlorobiphenyl	57		25 - 141	05/06/20 07:55	05/07/20 18:53	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>36</b>		0.95		mg/Kg		05/06/20 05:47	05/11/20 23:47	1
<b>Arsenic</b>	<b>7.4</b>		1.9		mg/Kg		05/06/20 05:47	05/11/20 23:47	1

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-9(0-0.5)**

**Lab Sample ID: 720-98375-17**

**Date Collected: 05/04/20 10:12**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
4,4'-DDT	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
<b>4,4'-DDE</b>	<b>6.8</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Toxaphene	ND		39		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
Chlordane (technical)	ND		39		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
cis-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		43 - 108	05/06/20 07:55	05/07/20 19:12	1
DCB Decachlorobiphenyl	67		25 - 141	05/06/20 07:55	05/07/20 19:12	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>25</b>		0.99		mg/Kg		05/06/20 05:47	05/11/20 23:51	1
<b>Arsenic</b>	<b>6.6</b>		2.0		mg/Kg		05/06/20 05:47	05/11/20 23:51	1

# Client Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-10(0-0.5)**

**Lab Sample ID: 720-98375-19**

**Date Collected: 05/04/20 10:01**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Dieldrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endrin aldehyde	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endrin	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endrin ketone	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Heptachlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
<b>4,4'-DDT</b>	<b>2.0</b>	<b>p</b>	1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
<b>4,4'-DDE</b>	<b>11</b>		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
4,4'-DDD	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endosulfan I	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endosulfan II	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
alpha-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
beta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
delta-BHC	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Methoxychlor	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Toxaphene	ND		38		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
Chlordane (technical)	ND		38		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
cis-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1
trans-Chlordane	ND		1.9		ug/Kg		05/06/20 07:55	05/07/20 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	69		43 - 108	05/06/20 07:55	05/07/20 19:31	1
<i>DCB Decachlorobiphenyl</i>	73		25 - 141	05/06/20 07:55	05/07/20 19:31	1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>16</b>		1.0		mg/Kg		05/06/20 05:47	05/12/20 00:03	1
<b>Arsenic</b>	<b>6.7</b>		2.0		mg/Kg		05/06/20 05:47	05/12/20 00:03	1

# Surrogate Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (43-108)	DCBP2 (25-141)
720-98375-1	SS-1(0-0.5)	65	79
720-98375-17	SS-9(0-0.5)	67	67

#### Surrogate Legend

TCX = Tetrachloro-m-xylene  
DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (43-108)	DCBP2 (25-141)
720-98375-1 MS	SS-1(0-0.5)	70	81
720-98375-1 MSD	SS-1(0-0.5)	71	79
LCS 720-281804/2-A	Lab Control Sample	70	84
MB 720-281804/1-A	Method Blank	68	82

#### Surrogate Legend

TCX = Tetrachloro-m-xylene  
DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (43-108)	DCBP1 (25-141)
720-98375-9	SS-5(0-0.5)	69	71
720-98375-11	SS-6(0-0.5)	67	70
720-98375-15	SS-8(0-0.5)	66	57

#### Surrogate Legend

TCX = Tetrachloro-m-xylene  
DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (43-108)	DCBP1 (25-141)
720-98375-3	SS-2(0-0.5)	71	75
720-98375-5	SS-3(0-0.5)	57	74
720-98375-7	SS-4(0-0.5)	66	68
720-98375-13	SS-7(0-0.5)	63	72
720-98375-19	SS-10(0-0.5)	69	73

#### Surrogate Legend

TCX = Tetrachloro-m-xylene  
DCBP = DCB Decachlorobiphenyl

# QC Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Method: 8081A - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 720-281804/1-A**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Dieldrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endrin aldehyde	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endrin	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endrin ketone	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Heptachlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
4,4'-DDT	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
4,4'-DDE	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
4,4'-DDD	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endosulfan I	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endosulfan II	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
alpha-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
beta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
delta-BHC	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Methoxychlor	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Toxaphene	ND		40		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
Chlordane (technical)	ND		40		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
cis-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1
trans-Chlordane	ND		2.0		ug/Kg		05/06/20 07:55	05/07/20 15:23	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	68		43 - 108	05/06/20 07:55	05/07/20 15:23	1
DCB Decachlorobiphenyl	82		25 - 141	05/06/20 07:55	05/07/20 15:23	1

**Lab Sample ID: LCS 720-281804/2-A**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aldrin	16.7	11.3		ug/Kg		68	56 - 100
Dieldrin	16.7	14.0		ug/Kg		84	67 - 113
Endrin aldehyde	16.7	14.6		ug/Kg		87	74 - 120
Endrin	16.7	14.5		ug/Kg		87	68 - 120
Endrin ketone	16.7	14.7		ug/Kg		88	66 - 122
Heptachlor	16.7	13.2		ug/Kg		79	62 - 106
Heptachlor epoxide	16.7	13.7		ug/Kg		82	68 - 110
4,4'-DDT	16.7	14.3		ug/Kg		86	63 - 115
4,4'-DDE	16.7	14.0		ug/Kg		84	66 - 114
4,4'-DDD	16.7	14.7		ug/Kg		88	67 - 120
Endosulfan I	16.7	13.8		ug/Kg		83	69 - 113
Endosulfan II	16.7	14.4		ug/Kg		86	71 - 120
alpha-BHC	16.7	12.1		ug/Kg		73	58 - 110
beta-BHC	16.7	14.1		ug/Kg		85	71 - 114
gamma-BHC (Lindane)	16.7	12.8		ug/Kg		77	62 - 103
delta-BHC	16.7	13.7		ug/Kg		82	48 - 109

Eurofins TestAmerica, Pleasanton



# QC Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 720-281804/2-A**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	16.7	14.8		ug/Kg		89	68 - 121
Methoxychlor	16.7	14.5		ug/Kg		87	65 - 132
cis-Chlordane	16.7	13.8		ug/Kg		83	66 - 110
trans-Chlordane	16.7	13.5		ug/Kg		81	64 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	70		43 - 108
DCB Decachlorobiphenyl	84		25 - 141

**Lab Sample ID: 720-98375-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: SS-1(0-0.5)**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		16.0	11.2		ug/Kg		70	56 - 100
Dieldrin	ND		16.0	13.4		ug/Kg		84	67 - 113
Endrin aldehyde	ND		16.0	13.3		ug/Kg		83	74 - 120
Endrin	ND		16.0	12.9		ug/Kg		81	68 - 120
Endrin ketone	ND		16.0	13.0		ug/Kg		81	66 - 122
Heptachlor	ND		16.0	12.6		ug/Kg		79	62 - 106
Heptachlor epoxide	ND		16.0	12.9		ug/Kg		80	68 - 110
4,4'-DDT	5.6	F1	16.0	16.4		ug/Kg		67	63 - 115
4,4'-DDE	10		16.0	24.5		ug/Kg		89	66 - 114
4,4'-DDD	ND		16.0	13.1		ug/Kg		82	67 - 120
Endosulfan I	ND		16.0	12.9		ug/Kg		81	69 - 113
Endosulfan II	ND		16.0	13.4		ug/Kg		84	71 - 120
alpha-BHC	ND		16.0	11.5		ug/Kg		72	58 - 110
beta-BHC	ND		16.0	12.0		ug/Kg		75	71 - 114
gamma-BHC (Lindane)	ND		16.0	12.2		ug/Kg		76	62 - 103
delta-BHC	ND		16.0	11.4		ug/Kg		71	48 - 109
Endosulfan sulfate	ND		16.0	13.9		ug/Kg		87	68 - 121
Methoxychlor	ND		16.0	13.9		ug/Kg		87	65 - 132
cis-Chlordane	ND		16.0	14.1		ug/Kg		85	66 - 110
trans-Chlordane	ND		16.0	12.8		ug/Kg		70	64 - 110

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	70		43 - 108
DCB Decachlorobiphenyl	81		25 - 141

**Lab Sample ID: 720-98375-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: SS-1(0-0.5)**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aldrin	ND		16.5	11.5		ug/Kg		70	56 - 100	3	20
Dieldrin	ND		16.5	13.1		ug/Kg		80	67 - 113	2	20
Endrin aldehyde	ND		16.5	13.6		ug/Kg		82	74 - 120	2	20
Endrin	ND		16.5	13.0		ug/Kg		79	68 - 120	0	20

Eurofins TestAmerica, Pleasanton

# QC Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 720-98375-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 281854**

**Client Sample ID: SS-1(0-0.5)**  
**Prep Type: Total/NA**  
**Prep Batch: 281804**

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Endrin ketone	ND		16.5	12.7		ug/Kg		77	66 - 122	2	20	
Heptachlor	ND		16.5	13.1		ug/Kg		79	62 - 106	4	20	
Heptachlor epoxide	ND		16.5	13.0		ug/Kg		79	68 - 110	1	20	
4,4'-DDT	5.6	F1	16.5	15.8	F1	ug/Kg		62	63 - 115	3	20	
4,4'-DDE	10		16.5	24.1		ug/Kg		83	66 - 114	2	20	
4,4'-DDD	ND		16.5	13.1		ug/Kg		80	67 - 120	0	20	
Endosulfan I	ND		16.5	13.0		ug/Kg		79	69 - 113	1	20	
Endosulfan II	ND		16.5	12.9		ug/Kg		79	71 - 120	3	30	
alpha-BHC	ND		16.5	11.9		ug/Kg		72	58 - 110	4	20	
beta-BHC	ND		16.5	12.7		ug/Kg		77	71 - 114	5	20	
gamma-BHC (Lindane)	ND		16.5	12.6		ug/Kg		77	62 - 103	4	20	
delta-BHC	ND		16.5	11.8		ug/Kg		72	48 - 109	4	20	
Endosulfan sulfate	ND		16.5	13.9		ug/Kg		84	68 - 121	0	20	
Methoxychlor	ND		16.5	12.8		ug/Kg		77	65 - 132	9	20	
cis-Chlordane	ND		16.5	14.4		ug/Kg		85	66 - 110	3	20	
trans-Chlordane	ND		16.5	13.0		ug/Kg		69	64 - 110	1	20	
<b>MSD MSD</b>												
<b>Surrogate</b>	<b>%Recovery</b>		<b>Qualifier</b>	<b>Limits</b>								
Tetrachloro-m-xylene	71			43 - 108								
DCB Decachlorobiphenyl	79			25 - 141								

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 320-376778/1-A**  
**Matrix: Solid**  
**Analysis Batch: 378048**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 376778**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	ND		1.0		mg/Kg		05/06/20 05:47	05/11/20 22:38	1
Arsenic	ND		2.0		mg/Kg		05/06/20 05:47	05/11/20 22:38	1

**Lab Sample ID: LCS 320-376778/2-A**  
**Matrix: Solid**  
**Analysis Batch: 378048**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 376778**

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Lead	25.0	24.7		mg/Kg		99	80 - 120	
Arsenic	50.0	48.2		mg/Kg		96	80 - 120	

**Lab Sample ID: 720-98345-B-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 378048**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 376778**

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Lead	5.0		25.0	26.4		mg/Kg		85	80 - 120	
Arsenic	3.3		50.0	46.7		mg/Kg		87	80 - 120	

# QC Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 720-98345-B-1-C MSD**

**Matrix: Solid**

**Analysis Batch: 378048**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 376778**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Lead	5.0		25.0	25.7		mg/Kg		83	80 - 120	3	35
Arsenic	3.3		50.0	45.9		mg/Kg		85	80 - 120	2	35

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# QC Association Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## GC Semi VOA

### Prep Batch: 281804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-1	SS-1(0-0.5)	Total/NA	Solid	3546	
720-98375-3	SS-2(0-0.5)	Total/NA	Solid	3546	
720-98375-5	SS-3(0-0.5)	Total/NA	Solid	3546	
720-98375-7	SS-4(0-0.5)	Total/NA	Solid	3546	
720-98375-9	SS-5(0-0.5)	Total/NA	Solid	3546	
720-98375-11	SS-6(0-0.5)	Total/NA	Solid	3546	
720-98375-13	SS-7(0-0.5)	Total/NA	Solid	3546	
720-98375-15	SS-8(0-0.5)	Total/NA	Solid	3546	
720-98375-17	SS-9(0-0.5)	Total/NA	Solid	3546	
720-98375-19	SS-10(0-0.5)	Total/NA	Solid	3546	
MB 720-281804/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-281804/2-A	Lab Control Sample	Total/NA	Solid	3546	
720-98375-1 MS	SS-1(0-0.5)	Total/NA	Solid	3546	
720-98375-1 MSD	SS-1(0-0.5)	Total/NA	Solid	3546	

### Analysis Batch: 281854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-1	SS-1(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-3	SS-2(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-5	SS-3(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-7	SS-4(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-9	SS-5(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-11	SS-6(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-13	SS-7(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-15	SS-8(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-17	SS-9(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-19	SS-10(0-0.5)	Total/NA	Solid	8081A	281804
MB 720-281804/1-A	Method Blank	Total/NA	Solid	8081A	281804
LCS 720-281804/2-A	Lab Control Sample	Total/NA	Solid	8081A	281804
720-98375-1 MS	SS-1(0-0.5)	Total/NA	Solid	8081A	281804
720-98375-1 MSD	SS-1(0-0.5)	Total/NA	Solid	8081A	281804

## Metals

### Prep Batch: 376778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-1	SS-1(0-0.5)	Total/NA	Solid	3050B	
720-98375-3	SS-2(0-0.5)	Total/NA	Solid	3050B	
720-98375-5	SS-3(0-0.5)	Total/NA	Solid	3050B	
720-98375-7	SS-4(0-0.5)	Total/NA	Solid	3050B	
720-98375-9	SS-5(0-0.5)	Total/NA	Solid	3050B	
720-98375-11	SS-6(0-0.5)	Total/NA	Solid	3050B	
720-98375-13	SS-7(0-0.5)	Total/NA	Solid	3050B	
720-98375-15	SS-8(0-0.5)	Total/NA	Solid	3050B	
720-98375-17	SS-9(0-0.5)	Total/NA	Solid	3050B	
720-98375-19	SS-10(0-0.5)	Total/NA	Solid	3050B	
MB 320-376778/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-376778/2-A	Lab Control Sample	Total/NA	Solid	3050B	
720-98345-B-1-B MS	Matrix Spike	Total/NA	Solid	3050B	
720-98345-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

# QC Association Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Metals

### Analysis Batch: 378048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-1	SS-1(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-3	SS-2(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-5	SS-3(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-7	SS-4(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-9	SS-5(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-11	SS-6(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-13	SS-7(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-15	SS-8(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-17	SS-9(0-0.5)	Total/NA	Solid	6010B	376778
720-98375-19	SS-10(0-0.5)	Total/NA	Solid	6010B	376778
MB 320-376778/1-A	Method Blank	Total/NA	Solid	6010B	376778
LCS 320-376778/2-A	Lab Control Sample	Total/NA	Solid	6010B	376778
720-98345-B-1-B MS	Matrix Spike	Total/NA	Solid	6010B	376778
720-98345-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	376778

# Lab Chronicle

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-1(0-0.5)**

**Lab Sample ID: 720-98375-1**

**Date Collected: 05/04/20 08:50**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 16:39	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:21	GSH	TAL SAC

**Client Sample ID: SS-2(0-0.5)**

**Lab Sample ID: 720-98375-3**

**Date Collected: 05/04/20 09:04**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 16:58	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:24	GSH	TAL SAC

**Client Sample ID: SS-3(0-0.5)**

**Lab Sample ID: 720-98375-5**

**Date Collected: 05/04/20 09:27**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 17:17	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:28	GSH	TAL SAC

**Client Sample ID: SS-4(0-0.5)**

**Lab Sample ID: 720-98375-7**

**Date Collected: 05/04/20 09:48**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 17:36	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:32	GSH	TAL SAC

**Client Sample ID: SS-5(0-0.5)**

**Lab Sample ID: 720-98375-9**

**Date Collected: 05/04/20 09:36**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 17:56	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:36	GSH	TAL SAC

# Lab Chronicle

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Client Sample ID: SS-6(0-0.5)**

**Lab Sample ID: 720-98375-11**

**Date Collected: 05/04/20 09:07**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 18:15	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:40	GSH	TAL SAC

**Client Sample ID: SS-7(0-0.5)**

**Lab Sample ID: 720-98375-13**

**Date Collected: 05/04/20 09:20**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		2	281854	05/07/20 18:34	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:43	GSH	TAL SAC

**Client Sample ID: SS-8(0-0.5)**

**Lab Sample ID: 720-98375-15**

**Date Collected: 05/04/20 09:55**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 18:53	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:47	GSH	TAL SAC

**Client Sample ID: SS-9(0-0.5)**

**Lab Sample ID: 720-98375-17**

**Date Collected: 05/04/20 10:12**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 19:12	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/11/20 23:51	GSH	TAL SAC

**Client Sample ID: SS-10(0-0.5)**

**Lab Sample ID: 720-98375-19**

**Date Collected: 05/04/20 10:01**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			281804	05/06/20 07:55	KLM	TAL PLS
Total/NA	Analysis	8081A		1	281854	05/07/20 19:31	JZT	TAL PLS
Total/NA	Prep	3050B			376778	05/06/20 05:47	NIM	TAL SAC
Total/NA	Analysis	6010B		1	378048	05/12/20 00:03	GSH	TAL SAC

# Lab Chronicle

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

**Laboratory References:**

TAL PLS = Eurofins TestAmerica, Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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

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# Accreditation/Certification Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

## Laboratory: Eurofins TestAmerica, Pleasanton

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

Authority	Program	Identification Number	Expiration Date
California	State	2496	01-31-22

## Laboratory: Eurofins TestAmerica, Sacramento

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

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

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# Method Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3546	Microwave Extraction	SW846	TAL PLS

**Protocol References:**

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

**Laboratory References:**

TAL PLS = Eurofins TestAmerica, Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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



# Sample Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-98375-1	SS-1(0-0.5)	Solid	05/04/20 08:50	05/04/20 11:55	
720-98375-3	SS-2(0-0.5)	Solid	05/04/20 09:04	05/04/20 11:55	
720-98375-5	SS-3(0-0.5)	Solid	05/04/20 09:27	05/04/20 11:55	
720-98375-7	SS-4(0-0.5)	Solid	05/04/20 09:48	05/04/20 11:55	
720-98375-9	SS-5(0-0.5)	Solid	05/04/20 09:36	05/04/20 11:55	
720-98375-11	SS-6(0-0.5)	Solid	05/04/20 09:07	05/04/20 11:55	
720-98375-13	SS-7(0-0.5)	Solid	05/04/20 09:20	05/04/20 11:55	
720-98375-15	SS-8(0-0.5)	Solid	05/04/20 09:55	05/04/20 11:55	
720-98375-17	SS-9(0-0.5)	Solid	05/04/20 10:12	05/04/20 11:55	
720-98375-19	SS-10(0-0.5)	Solid	05/04/20 10:01	05/04/20 11:55	

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<b>Cornerstone Earth Group, Inc.</b> 1220 Oakland Blvd. Walnut Creek, CA 94596 (925)-988-9500 Phone (925)-988-9501 FAX Project Name: 101 S. Jackson Ave Site: 101 S. Jackson Ave, San Jose CA Project Number: 383-7-2		<b>Project Manager: Peter Langtry</b> Tel/Fax: 925-988-9500 ext. 217 Analysis Turnaround Time <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day TAT if different from Below _____		<b>Site Sampler: DNR/KAK</b> Lab Contact: Afsaneh Salimpour Date: 9/4/2020 Lab: Test America COC No: 1 of 2 COCs Laboratory's Job No.							
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Arsenic and Lead (EPA Test Method 6010B)	OCPs (EPA Test Method 8081)	HOLD	Laboratory's Sample Specific Notes:
SS-1 (0-0.5)		5/4/2020	8:50	Liner	Soil	1		X	X		
SS-1 (2-2.5)		5/4/2020	8:59	Liner	Soil	1			X		
SS-2 (0-0.5)		5/4/2020	09:04	Liner	Soil	1		X	X		
SS-2 (2-2.5)		5/4/2020	09:20	Liner	Soil	1			X		
SS-3 (0-0.5)		5/4/2020	09:27	Liner	Soil	1		X	X		
SS-3 (2-2.5)		5/4/2020	09:38	Liner	Soil	1			X		
SS-4 (0-0.5)		5/4/2020	09:48	Liner	Soil	1		X	X		
SS-4 (2-2.5)		5/4/2020	09:59	Liner	Soil	1			X		
SS-5 (0-0.5)		5/4/2020	9:36	Liner	Soil	1		X	X		
SS-5 (2-2.5)		5/4/2020	9:43	Liner	Soil	1			X		
SS-6 (0-0.5)		5/4/2020	9:07	Liner	Soil	1		X	X		
SS-6 (2-2.5)		5/4/2020	9:13	Liner	Soil	1			X		



Non-Hazard    Flammable    Skin Irritant    Poison B    Unknown  
 Return To Client    Disposal By Lab    Archive For \_\_\_\_\_ Months

**Sample Disposal**  
 Received by: \_\_\_\_\_ Date/Time: 05/14/20 11:55  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Company: Cornerstone Earth Group  
 Company: \_\_\_\_\_  
 Company: \_\_\_\_\_

Date/Time: 5/14/20 11:55  
 Date/Time: \_\_\_\_\_  
 Date/Time: \_\_\_\_\_

4-80

Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to: plangtry@cornerstoneearth.com; dnemecio@cornerstoneearth.com; kknoll@cornerstoneearth.com;





**CORNERSTONE  
EARTH GROUP**

**Chain of Custody Record**

195704

<b>Project Manager: Peter Langtry</b> Tel/Fax: 925-988-9500 ext. 217 Analysis Turnaround Time		<b>Site Sampler: DNR/KAK</b> Lab Contact: Afsaneh Salimpour		Date: <u>1/28/20</u> Lab: Test America		COC No: <u>1</u> <u>2</u> of <u>2</u> COCs					
1220 Oakland Blvd. Walnut Creek, CA 94596 (925)-988-9500 (925)-988-9501 Project Name: 101 S. Jackson Ave Site: 101 S. Jackson Ave, San Jose CA Project Number: 383-7-2		TAT: if different from Below _____ <input type="checkbox"/> 1 week <input type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample Arsenic and Lead (EPA Test Method 6010B)		Laboratory's Sample Specific Notes:					
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Asenic and Lead (EPA Test Method 6010B)	OCPs (EPA Test Method 8081)	HOLD	Disposal By Lab	Archive For	Months
SS-7 (0-0.5)	5/4/2020	9:20	Liner	Soil	1	X	X				
SS-7 (2-2.5)	5/4/2020	9:26	Liner	Soil	1			X			
SS-8 (0-0.5)	5/4/2020	9:55	Liner	Soil	1	X	X				
SS-8 (2-2.5)	5/4/2020	10:01	Liner	Soil	1			X			
SS-9 (0-0.5)	5/4/2020	10:12	Liner	Soil	1	X	X				
SS-9 (2-2.5)	5/4/2020	10:23	Liner	Soil	1			X			
SS-10 (0-0.5)	5/4/2020	10:12	Liner	Soil	1	X	X				
SS-10 (2-2.5)	5/4/2020	10:14	Liner	Soil	1			X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____ Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to: plangtry@cornerstoneearth.com; dhernandez@cornerstoneearth.com; kknoll@cornerstoneearth.com											
Relinquished by: <u>Ami Nema</u>	Company: Cornerstone Earth Group	Date/Time: <u>05/20 11:5</u>	Received by: <u>[Signature]</u>	Company: <u>FAAPCS</u>	Date/Time: <u>5/4/20 1155</u>	480					
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:						
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:						



**720-983375**

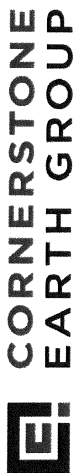
**Chain of Custody Record**

**# 195704**

<b>Project Manager: Peter Langtry</b> Tel/Fax: 925-988-9500 ext. 217 Analysis Turnaround Time TAT if different from Below <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Site Sampler: DNR/KAK</b> Lab Contact: Afsanch Salimpour Date: 9/4/2020 Lab: Test America COC No: 1 of 2 COCs Laboratory's Job No.										
<b>Cornerstone Earth Group, Inc.</b> 1220 Oakland Blvd. Walnut Creek, CA 94596 (925)-988-9500 Phone (925)-988-9501 FAX Project Name: 101 S. Jackson Ave Site: 101 S. Jackson Ave, San Jose CA Project Number: 383-7-2		Laboratory's Sample Specific Notes:										
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Ascentic and Lead (EPA Test Method 6010B)	OCPS (EPA Test Method 8081)	HOLD	Disposal By Lab	Archive For	Months
SS-1 (0-0.5)	5/4/2020	8:50	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-1 (2-2.5)	5/4/2020	8:59	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-2 (0-0.5)	5/4/2020	09:04	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-2 (2-2.5)	5/4/2020	09:20	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-3 (0-0.5)	5/4/2020	09:27	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-3 (2-2.5)	5/4/2020	09:38	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-4 (0-0.5)	5/4/2020	09:48	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-4 (2-2.5)	5/4/2020	09:59	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-5 (0-0.5)	5/4/2020	9:36	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-5 (2-2.5)	5/4/2020	9:43	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-6 (0-0.5)	5/4/2020	9:07	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
SS-6 (2-2.5)	5/4/2020	9:13	Liner	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown												
Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. kknoll@cornerstoneearth.com Please email results to: plangtry@cornerstoneearth.com; dnemecio@cornerstoneearth.com;												
Relinquished by: <i>Wass Nemi</i>	Company: Cornerstone Earth Group	Date/Time: 05/14/20 11:55	Received by: <i>[Signature]</i>	Company: <i>FAPPIS</i>	Date/Time: 5/4/20 11:55							
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:							
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:							

**4-80**





# Chain of Custody Record

195704

<b>Project Manager: Peter Langtry</b> Tel/Fax: 925-988-9500 ext. 217 Analysis Turnaround Time		<b>Site Sampler: DNR/KAK</b> Lab Contact: Afsaneh Salimpour		Date: <u>5/11/2020</u> Lab: Test America		COC No: <u>1</u> of <u>2</u> COCs			
1220 Oakland Blvd. Walnut Creek, CA 94596 (925)-988-9500 Phone (925)-988-9501 FAX Project Name: 101 S. Jackson Ave Site: 101 S. Jackson Ave, San Jose CA Project Number: 383-7-2		TAT if different from Below <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 3 days <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		HOLD OCPs (EPA Test Method 8081) Arsenic and Lead (EPA Test Method 6010B)		Laboratory's Sample Specific Notes:			
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample			
SS-7 (0-0.5)	5/4/2020	9:20	Liner	Soil	1	X			
SS-7 (2-2.5)	5/4/2020	9:26	Liner	Soil	1	X			
SS-8 (0-0.5)	5/4/2020	9:55	Liner	Soil	1	X			
SS-8 (2-2.5)	5/4/2020	10:00	Liner	Soil	1	X			
SS-9 (0-0.5)	5/4/2020	10:12	Liner	Soil	1	X			
SS-9 (2-2.5)	5/4/2020	10:23	Liner	Soil	1	X			
SS-10 (0-0.5)	5/4/2020	10:12	Liner	Soil	1	X			
SS-10 (2-2.5)	5/4/2020	10:14	Liner	Soil	1	X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____ Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown									
Relinquished by: <u>Daryl Nemo</u> Relinquished by: _____ Relinquished by: _____				Received by: <u>[Signature]</u> Received by: _____ Received by: _____				Date/Time: <u>5/12/20</u> Date/Time: _____ Date/Time: _____	
Company: Cornerstone Earth Group Company: _____ Company: _____				Company: <u>ETAPCS</u> Company: _____ Company: _____				Date/Time: <u>5/4/20</u> Date/Time: _____ Date/Time: _____	

Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner. Please email results to: plangtry@cornerstoneearth.com; dnemecio@cornerstoneearth.com; kknoll@cornerstoneearth.com

48C



**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Lab PM:	Salimpour, Afsaneh F		Carrier Tracking Not(s):	COC No: 720-47024,1	
Client Contact: Shipping/Receiving		Phone:	afsaneh.salimpour@testamericainc.com		State of Origin:	Page: Page 1 of 2	
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #:		720-98375-1	
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Due Date Requested: 5/8/2020 TAT Requested (days):		Analysis Requested		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 L - EDTA Z - other (specify)	
Project Name: 101 S. Jackson Ave Site:		Project #: 72007757 SSOW#:		6010B/3050B As & Pb		Special Instructions/Note:	
<b>Sample Identification - Client ID (Lab ID)</b>		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
SS-1(0-0.5) (720-98375-1)		5/4/20		08:50 Pacific		Solid	
SS-2(0-0.5) (720-98375-3)		5/4/20		09:04 Pacific		Solid	
SS-3(0-0.5) (720-98375-5)		5/4/20		09:27 Pacific		Solid	
SS-4(0-0.5) (720-98375-7)		5/4/20		09:48 Pacific		Solid	
SS-5(0-0.5) (720-98375-9)		5/4/20		09:36 Pacific		Solid	
SS-6(0-0.5) (720-98375-11)		5/4/20		09:07 Pacific		Solid	
SS-7(0-0.5) (720-98375-13)		5/4/20		09:20 Pacific		Solid	
SS-8(0-0.5) (720-98375-15)		5/4/20		09:55 Pacific		Solid	
SS-9(0-0.5) (720-98375-17)		5/4/20		10:12 Pacific		Solid	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers			
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica							
<b>Possible Hazard Identification</b>							
Unconfirmed							
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Date:		Method of Shipment:	
Empty Kit Relinquished by:		Date:		Time:		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Relinquished by: <i>[Signature]</i>		Date: 5/5/20		Time: 14:43		Company: D.E.G.	
Relinquished by: <i>[Signature]</i>		Date: 5/5/20		Time: 16:25		Company: ETTA	
Relinquished by: <i>[Signature]</i>		Date:		Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.9			





# Chain of Custody Record

**Eurofins TestAmerica, Pleasanton**  
1220 Quarry Lane  
Pleasanton, CA 94566  
Phone: 925-484-1919 Fax: 925-600-3002

<b>Client Information (Sub Contract Lab)</b>			Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:	
Client Contact: Shipping/Receiving			Salimpour, Afsaneh F	Salimpour, Afsaneh F	720-47024-2	720-47024-2	
Company: TestAmerica Laboratories, Inc.			E-Mail: afsaneh.salimpour@testamericainc.com	State of Origin: California	Page: Page 2 of 2	Job #: 720-98375-1	
Address: 880 Riverside Parkway, West Sacramento, CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:			Accreditations Required (See note): State Program - California		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO <sub>3</sub> F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Due Date Requested: 5/8/2020 TAT Requested (days):			Analysis Requested		M - Hexane N - None O - AsNaO <sub>2</sub> P - Na <sub>2</sub> OAS Q - Na <sub>2</sub> SO <sub>3</sub> R - Na <sub>2</sub> SO <sub>3</sub> S - H <sub>2</sub> SO <sub>4</sub> T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (Specify)		
Project #: 72007757 SSOW#:			6010B/3050B As & Pb				<b>Special Instructions/Note:</b>
Sample Date			Total Number of Containers				
Sample ID (Lab ID)			Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastebot, BT=Heater, A=Air)	
SS-10(0-5) (720-98375-19)			5/4/20	10:01 Pacific	C=Comp	Solid	X
Field Filtered Sample (Yes or No)			Perform MS/MSD (Yes or No)			X	

Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastebot, BT=Heater, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of Containers	Special Instructions/Note
SS-10(0-5) (720-98375-19)	5/4/20	10:01 Pacific	C=Comp	Solid	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody, if the labo

**Possible Hazard Identification**  
Unconfirmed

Primary Deliverable Rank: 2  
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
Return To Client  Disposal By Lab  Archive For  Months

Empty Kit Relinquished by:

Relinquished by: *[Signature]* Date: 5/7/20 Time: 1443 Company: *[Signature]*  
Relinquished by: *[Signature]* Date: 5/15/20 Time: 1625 Company: *[Signature]*  
Relinquished by: *[Signature]* Date: 5/15/20 Time: 1635 Company: *[Signature]*

Cooler Temperature(s) °C and Other Remarks: 2-4

Custody Seal No.:  Yes  No





720-98375 Field Sheet

Tracking #: \_\_\_\_\_

Job: \_\_\_\_\_

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

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

Therm. ID: AK12 Corr. Factor: (+/-) \_\_\_\_\_ °C

Ice x Wet x Gel \_\_\_\_\_ Other \_\_\_\_\_

Cooler Custody Seal: -

Cooler ID: \_\_\_\_\_

Temp Observed: 2.4 °C Corrected: 2.4 °C  
From: Temp Blank  Sample

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooler Temperature is acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: DH Date: 5/5/20

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

Initials: DH Date: 5/5/20

Notes: \_\_\_\_\_

Login Completion	Yes	No	NA
Receipt Temperature on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NCM Filed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: DH Date: 5/5/20

## Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-1

**Login Number: 98375**

**List Source: Eurofins TestAmerica, Pleasanton**

**List Number: 1**

**Creator: Arauz, Dennis**

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

## Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-1

**Login Number: 98375**

**List Number: 2**

**Creator: Her, David A**

**List Source: Eurofins TestAmerica, Sacramento**

**List Creation: 05/05/20 05:22 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	2.4c
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## ANALYTICAL REPORT

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

Laboratory Job ID: 720-98375-2  
Client Project/Site: 101 S. Jackson Ave

For:  
Cornerstone Earth Group  
1259 Oakmead Pkwy  
Sunnyvale, California 94085

Attn: Peter Langtry



---

Authorized for release by:  
5/19/2020 3:18:16 PM

Afsaneh Salimpour, Senior Project Manager  
(925)484-1919  
[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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



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## Definitions/Glossary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

### Glossary

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

# Case Narrative

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

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## Job ID: 720-98375-2

---

Laboratory: Eurofins TestAmerica, Pleasanton

### Narrative

---

Job Narrative  
720-98375-2

### Receipt

The samples were received on 5/4/2020 11:55 AM; the samples arrived in good condition, properly preserved, and where required, on ice. The temperature of the cooler at receipt time was 4.8°C

### Department Metals

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

- 1
- 2
- 3
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- 5
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# Detection Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

**Client Sample ID: SS-7(0-0.5)**

**Lab Sample ID: 720-98375-13**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4		0.50		mg/L	1		6010B	STLC Citrate

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

**Client Sample ID: SS-7(0-0.5)**

**Lab Sample ID: 720-98375-13**

Date Collected: 05/04/20 09:20

Matrix: Solid

Date Received: 05/04/20 11:55

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.4		0.50		mg/L		05/18/20 14:06	05/18/20 15:52	1

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# QC Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

## Method: 6010B - Metals (ICP)

**Lab Sample ID: LB4 570-69403/1-B**  
**Matrix: Solid**  
**Analysis Batch: 69789**

**Client Sample ID: Method Blank**  
**Prep Type: STLC Citrate**  
**Prep Batch: 69769**

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/L		05/18/20 14:06	05/18/20 15:33	1

**Lab Sample ID: LCS 570-69403/2-B**  
**Matrix: Solid**  
**Analysis Batch: 69789**

**Client Sample ID: Lab Control Sample**  
**Prep Type: STLC Citrate**  
**Prep Batch: 69769**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	4.33		mg/L		87	80 - 120

**Lab Sample ID: LCSD 570-69403/3-B**  
**Matrix: Solid**  
**Analysis Batch: 69789**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: STLC Citrate**  
**Prep Batch: 69769**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.00	4.74		mg/L		95	80 - 120	9	20

**Lab Sample ID: 570-27686-B-39-G MS**  
**Matrix: Solid**  
**Analysis Batch: 69789**

**Client Sample ID: Matrix Spike**  
**Prep Type: STLC Citrate**  
**Prep Batch: 69769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		5.00	4.24		mg/L		85	84 - 120

**Lab Sample ID: 570-27686-B-39-H MSD**  
**Matrix: Solid**  
**Analysis Batch: 69789**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: STLC Citrate**  
**Prep Batch: 69769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND		5.00	4.27		mg/L		85	84 - 120	1	7

# QC Association Summary

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

## Metals

### Leach Batch: 68341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-27686-B-39-G MS	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
570-27686-B-39-H MSD	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

### Leach Batch: 69403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-13	SS-7(0-0.5)	STLC Citrate	Solid	CA WET Citrate	
LB4 570-69403/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-69403/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-69403/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

### Prep Batch: 69769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-13	SS-7(0-0.5)	STLC Citrate	Solid	Dilution	69403
LB4 570-69403/1-B	Method Blank	STLC Citrate	Solid	Dilution	69403
LCS 570-69403/2-B	Lab Control Sample	STLC Citrate	Solid	Dilution	69403
LCSD 570-69403/3-B	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	69403
570-27686-B-39-G MS	Matrix Spike	STLC Citrate	Solid	Dilution	68341
570-27686-B-39-H MSD	Matrix Spike Duplicate	STLC Citrate	Solid	Dilution	68341

### Analysis Batch: 69789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-13	SS-7(0-0.5)	STLC Citrate	Solid	6010B	69769
LB4 570-69403/1-B	Method Blank	STLC Citrate	Solid	6010B	69769
LCS 570-69403/2-B	Lab Control Sample	STLC Citrate	Solid	6010B	69769
LCSD 570-69403/3-B	Lab Control Sample Dup	STLC Citrate	Solid	6010B	69769
570-27686-B-39-G MS	Matrix Spike	STLC Citrate	Solid	6010B	69769
570-27686-B-39-H MSD	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	69769

# Lab Chronicle

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

**Client Sample ID: SS-7(0-0.5)**

**Lab Sample ID: 720-98375-13**

**Date Collected: 05/04/20 09:20**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			69403	05/15/20 18:00	SUJ5	ECL 3
STLC Citrate	Prep	Dilution			69769	05/18/20 14:06	SUJ5	ECL 1
STLC Citrate	Analysis	6010B		1	69789	05/18/20 15:52	ULPF	ECL 1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494



# Accreditation/Certification Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

## Laboratory: Eurofins TestAmerica, Pleasanton

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

Authority	Program	Identification Number	Expiration Date
California	State	2496	01-31-22

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

# Method Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	ECL 3
Dilution	Preparation / Dilution Process	None	ECL 1

**Protocol References:**

CA-WET = California Waste Extraction Test, from Title 22

None = None

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

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494



# Sample Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-2

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-98375-13	SS-7(0-0.5)	Solid	05/04/20 09:20	05/04/20 11:55	

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## Salimpour, Afsaneh

---

**From:** Daysi Nemecio <dnemecio@cornerstoneearth.com>  
**Sent:** Thursday, May 14, 2020 10:37 AM  
**To:** Salimpour, Afsaneh  
**Subject:** RE: Eurofins TestAmerica report and EDD files from 720-98375-1 101 S. Jackson Ave

EXTERNAL EMAIL\*

Hi Afsaneh,

Please also run STLC analysis on the SS-7 (0-0.5) sample on a 3-day TAT.

Thank you,

**Daysi Nemecio**

Senior Staff Geologist

1220 Oakland Boulevard, Suite 220 | Walnut Creek, CA 94596

T 925.988.9500, Ext. 216 | C 408.769.8490

E [dnemecio@cornerstoneearth.com](mailto:dnemecio@cornerstoneearth.com)



---

**From:** Daysi Nemecio  
**Sent:** Thursday, May 14, 2020 10:34 AM  
**To:** Afsaneh Salimpour <[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)>  
**Cc:** Peter Langtry <[plangtry@cornerstoneearth.com](mailto:plangtry@cornerstoneearth.com)>  
**Subject:** RE: Eurofins TestAmerica report and EDD files from 720-98375-1 101 S. Jackson Ave

Hi Afsaneh,

Please analyze sample SS-7 (2-2.5) for lead on a 24-hour TAT.

Thank you,

**Daysi Nemecio**

Senior Staff Geologist

1220 Oakland Boulevard, Suite 220 | Walnut Creek, CA 94596

T 925.988.9500, Ext. 216 | C 408.769.8490

E [dnemecio@cornerstoneearth.com](mailto:dnemecio@cornerstoneearth.com)



---

**From:** Afsaneh Salimpour <[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)>  
**Sent:** Tuesday, May 12, 2020 4:16 PM

**To:** Daysi Nemecio <[dnemecio@cornerstoneearth.com](mailto:dnemecio@cornerstoneearth.com)>; Peter Langtry <[plangtry@cornerstoneearth.com](mailto:plangtry@cornerstoneearth.com)>

**Subject:** Eurofins TestAmerica report and EDD files from 720-98375-1 101 S. Jackson Ave

Hello,

Attached please find the report and EDD files for job 720-98375-1; 101 S. Jackson Ave

Please feel free to contact me if you have any questions.

Thank you.

**Afsaneh F Salimpour**

Project Manager

Eurofins TestAmerica, Pleasanton

Phone: 925-484-1919

E-mail: [afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

[www.eurofinsus.com/env](http://www.eurofinsus.com/env)



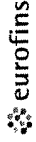
Reference: [720-329416]

Attachments: 2

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: [Project Feedback](#)

\* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

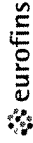
**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:	
Client Contact: Shipping/Receiving		Phone:	Salimpour, Afsaneh F	State of Origin: California	720-47154.1	
Company: Eurofins Calscience LLC		E-Mail: afsaneh.salimpour@testamericainc.com			Page: Page 1 of 1	
Address: 7440 Lincoln Way,		Accreditations Required (See note): State - California; State Program - California		Job #: 720-98375-3		
City: Garden Grove	Due Date Requested: 5/15/2020	<b>Analysis Requested</b>				Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
State, Zip: CA, 92841	TAT Requested (days):					
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:	Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>				<b>Special Instructions/Note:</b>
Email:	WO #:	Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>				
Project Name: 101 S. Jackson Ave	Project #: 72007757	Sample Date	Sample Time	Sample Type (C-comp, G-grab)	Matrix (Water, Swab, Overstabil, BT-Tissue, Analy)	<b>Total Number of Containers</b>
Site:	SSOW#:	5/4/20	09:26 Pacific	Solid		
<b>Sample Identification - Client ID (Lab ID)</b>		SS-7(2-2.5) (720-98375-14)		<b>6010B/3050B (MOD) Custom 6010B Metals List</b>		
<b>Possible Hazard Identification</b>		Unconfirmed		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:		
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Method of Shipment:		
Empty Kit Relinquished by:		Date:		Received by:		
Relinquished by:		5/14/20 1600		Date/Time: 5/15/2020 8:20		
Relinquished by:		Date/Time:		Date/Time:		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: N/A		Cooler Temperature(s) °C and Other Remarks: 28/12-7 SM		

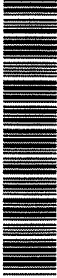


# Chain of Custody Record



Environment Testing  
 America

98375



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab PVI:	Carrier Tracking No(s):	COC No:
Client Contact: Shipping/Receiving		Phone:	Salimpour, Afsaneh F	State of Origin: California	720-47154.1
Company: Eurofins Calscience LLC		E-Mail: afsaneh.salimpour@testamericainc.com		Page: Page 1 of 1	Job #: 720-98375-2
Address: 7440 Lincoln Way,		Accreditations Required (See note): State - California; State Program - California		Preservation Codes:	
City: Garden Grove	State Zip: CA, 92841	PO #: 714-895-5494(Tel) 714-894-7501(Fax)	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Project Name: 101 S. Jackson Ave	Project #: 72007757	WO #: 72007757	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (Specify)		
Site:	Due Date Requested: 5/19/2020		Analysis Requested:		
Sample Date: 5/4/20		TAT Requested (days):	6010B/CA WET_CIT_180 (MOD) Custom 6010B		
Sample Time: 09:20 Pacific		Field Filtered Sample (Yes or No):	Total Number of Containers: 1		
Sample Type (C=comp, G=grab):		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Sample Preservation Code: Solid		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Matrix (Weaver, Sealed, Overweight, etc.):		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Sample Date: 5/4/20		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Sample Time: 09:20 Pacific		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Sample Preservation Code: Solid		Field Filtered Sample (Yes or No):	Special Instructions/Note:		
Matrix (Weaver, Sealed, Overweight, etc.):		Field Filtered Sample (Yes or No):	Special Instructions/Note:		

**Sample Identification - Client ID (Lab ID)**  
 SS-7(0-0.5) (720-98375-13)

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

**Empty Kit Relinquished by:** \_\_\_\_\_ Date: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: 5/14/20 16:00  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

**Special Instructions/QC Requirements:**  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

**Method of Shipment:** \_\_\_\_\_  
 Date/Time: 5/15/2020 09:20  
 Date/Time: \_\_\_\_\_  
 Date/Time: \_\_\_\_\_  
 Date/Time: \_\_\_\_\_

**Relinquished by:** \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Company: \_\_\_\_\_

**Custody Seals Intact:** \_\_\_\_\_  
 Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks: 2-8 / 2.4 Sub



## Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-2

**Login Number: 98375**

**List Source: Eurofins TestAmerica, Pleasanton**

**List Number: 1**

**Creator: Arauz, Dennis**

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



## Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-2

**Login Number: 98375**

**List Number: 3**

**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience**

**List Creation: 05/15/20 02:51 PM**

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



## ANALYTICAL REPORT

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

Laboratory Job ID: 720-98375-3  
Client Project/Site: 101 S. Jackson Ave

For:  
Cornerstone Earth Group  
1259 Oakmead Pkwy  
Sunnyvale, California 94085

Attn: Peter Langtry



---

Authorized for release by:  
5/18/2020 2:52:28 PM

Afsaneh Salimpour, Senior Project Manager  
(925)484-1919  
[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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



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# Definitions/Glossary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

## Glossary

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

# Case Narrative

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

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## Job ID: 720-98375-3

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Laboratory: Eurofins TestAmerica, Pleasanton

### Narrative

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Job Narrative  
720-98375-3

### Comments

No additional comments.

### Receipt

The samples were received on 5/4/2020 11:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

### Metals

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

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# Detection Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

**Client Sample ID: SS-7(2-2.5)**

**Lab Sample ID: 720-98375-14**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.3		0.48		mg/Kg	1		6010B	Total/NA

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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

**Client Sample ID: SS-7(2-2.5)**

**Lab Sample ID: 720-98375-14**

**Date Collected: 05/04/20 09:26**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.3		0.48		mg/Kg		05/15/20 15:10	05/15/20 21:08	1

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# QC Sample Results

Client: Cornerstone Earth Group  
 Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-69201/1-A**  
**Matrix: Solid**  
**Analysis Batch: 69399**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 69201**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.49		mg/Kg		05/14/20 18:03	05/15/20 02:23	1

**Lab Sample ID: LCS 570-69201/2-A**  
**Matrix: Solid**  
**Analysis Batch: 69399**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 69201**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	23.8	24.8		mg/Kg		104	80 - 120

**Lab Sample ID: LCSD 570-69201/3-A**  
**Matrix: Solid**  
**Analysis Batch: 69399**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 69201**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	24.3	25.0		mg/Kg		103	80 - 120	1	20

**Lab Sample ID: 570-28060-A-35-B MS**  
**Matrix: Solid**  
**Analysis Batch: 69399**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 69201**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.75		25.0	26.4		mg/Kg		103	75 - 125

**Lab Sample ID: 570-28060-A-35-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 69399**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 69201**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.75		24.4	25.3		mg/Kg		101	75 - 125	4	20

# QC Association Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

## Metals

### Prep Batch: 69201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-14	SS-7(2-2.5)	Total/NA	Solid	3050B	
MB 570-69201/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-69201/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-69201/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-28060-A-35-B MS	Matrix Spike	Total/NA	Solid	3050B	
570-28060-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

### Analysis Batch: 69399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-69201/1-A	Method Blank	Total/NA	Solid	6010B	69201
LCS 570-69201/2-A	Lab Control Sample	Total/NA	Solid	6010B	69201
LCSD 570-69201/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	69201
570-28060-A-35-B MS	Matrix Spike	Total/NA	Solid	6010B	69201
570-28060-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	69201

### Analysis Batch: 69751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98375-14	SS-7(2-2.5)	Total/NA	Solid	6010B	69201

# Lab Chronicle

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

**Client Sample ID: SS-7(2-2.5)**

**Lab Sample ID: 720-98375-14**

**Date Collected: 05/04/20 09:26**

**Matrix: Solid**

**Date Received: 05/04/20 11:55**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			69201	05/15/20 15:10	X7RL	ECL 1
Total/NA	Analysis	6010B		1	69751	05/15/20 21:08	ULPF	ECL 1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

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# Accreditation/Certification Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

## Laboratory: Eurofins TestAmerica, Pleasanton

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

Authority	Program	Identification Number	Expiration Date
California	State	2496	01-31-22

## Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-29-20

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# Method Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1

**Protocol References:**

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

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

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# Sample Summary

Client: Cornerstone Earth Group  
Project/Site: 101 S. Jackson Ave

Job ID: 720-98375-3

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-98375-14	SS-7(2-2.5)	Solid	05/04/20 09:26	05/04/20 11:55	

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## Salimpour, Afsaneh

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**From:** Daysi Nemecio <dnemecio@cornerstoneearth.com>  
**Sent:** Thursday, May 14, 2020 10:34 AM  
**To:** Salimpour, Afsaneh  
**Cc:** Peter Langtry  
**Subject:** RE: Eurofins TestAmerica report and EDD files from 720-98375-1 101 S. Jackson Ave

EXTERNAL EMAIL\*

Hi Afsaneh,

Please analyze sample SS-7 (2-2.5) for lead on a 24-hour TAT.

Thank you,

**Daysi Nemecio**

Senior Staff Geologist

1220 Oakland Boulevard, Suite 220 | Walnut Creek, CA 94596

T 925.988.9500, Ext. 216 | C 408.769.8490

E [dnemecio@cornerstoneearth.com](mailto:dnemecio@cornerstoneearth.com)



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**From:** Afsaneh Salimpour <[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)>  
**Sent:** Tuesday, May 12, 2020 4:16 PM  
**To:** Daysi Nemecio <[dnemecio@cornerstoneearth.com](mailto:dnemecio@cornerstoneearth.com)>; Peter Langtry <[plangtry@cornerstoneearth.com](mailto:plangtry@cornerstoneearth.com)>  
**Subject:** Eurofins TestAmerica report and EDD files from 720-98375-1 101 S. Jackson Ave

Hello,

Attached please find the report and EDD files for job 720-98375-1; 101 S. Jackson Ave

Please feel free to contact me if you have any questions.

Thank you.

**Afsaneh F Salimpour**

Project Manager

Eurofins TestAmerica, Pleasanton

Phone: 925-484-1919

E-mail: [afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

[www.eurofinsus.com/env](http://www.eurofinsus.com/env)



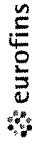
Reference: [720-329416]  
Attachments: 2

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: [Project Feedback](#)

\* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

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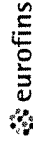
**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b> Client Contact: Shipping/Receiving Company: Eurofins Calscience LLC Address: 7440 Lincoln Way, Garden Grove, CA, 92841 Phone: 714-895-5494(Tel) 714-894-7501(Fax) Email: Project Name: 101 S. Jackson Ave Site:		Lab PM: Salimpour, Afsaneh F E-Mail: afsaneh.salimpour@testamericainc.com State of Origin: California Carrier Tracking No(s): COC No: 720-47154.1 Page: Page 1 of 1 Job #: 720-98375-3
Due Date Requested: 5/15/2020 TAT Requested (days): PO #: WO #: Project #: 72007757 SSOW#:	Analysis Requested 6010B/3050B (MOD) Custom 6010B Metals List Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
Sample Date: 5/4/20 Sample Time: 09:26 Pacific Sample Type (C-comp, G-grab): Matrix (Water, Swab, Overstabil, BT-Tissue, Analy)	Sample Date: 5/4/20 Sample Time: 09:26 Pacific Sample Type (C-comp, G-grab): Matrix (Water, Swab, Overstabil, BT-Tissue, Analy)	Special Instructions/Note: Total Number of Containers: 1
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.		
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Empty Kit Relinquished by: Date: Relinquished by: Date/Time: 5/14/20 1600 Company: KMP Company Relinquished by: Date/Time: Company: Relinquished by: Date/Time: Company: Custody Seals Intact: Custody Seal No.: N/A Δ Yes Δ No		
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:		
Received by: [Signature] Date/Time: 5/15/2020 0920 Company: [Signature] Received by: Date/Time: Company: Received by: Date/Time: Company: Cooler Temperature(s) °C and Other Remarks: 28/12-7 SM		



**Chain of Custody Record**



98375



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab PVI:	Carrier Tracking No(s):	COC No:
Shipping/Receiving		Phone:	Salimpour, Afsaneh F	State of Origin:	720-47154.1
Company: Eurofins Calcscience LLC		E-Mail: afsaneh.salimpour@testamericainc.com		Page: Page 1 of 1	
Address: 7440 Lincoln Way,		Accreditations Required (See note):		Job #: 720-98375-2	
City: Garden Grove	Due Date Requested: 5/19/2020		<b>Analysis Requested</b>		Preservation Codes:
State Zip: CA, 92841	TAT Requested (days):				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA Other:
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:				M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (Specify)
Email:	WO #:				
Project Name:	Project #: 72007757				
Site: 101 S. Jackson Ave	SSOW#:				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wet, Solid, On-site, etc)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/CA WET CIT 180 (MOD) Custom 6010B Metals List	Total Number of Containers	Special Instructions/Note:
SS-7(0-0.5) (720-98375-13)	5/4/20	09:20 Pacific	Solid		X	X		1	

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

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: 5/14/20 16:00 Company: FERRY Company  
 Relinquished by: \_\_\_\_\_ Date/Time: 5/15/20 09:20 Company  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company

Custody Seal Seal No.: \_\_\_\_\_  
 Custody Seals Intact: Yes  No  Cooler Temperature(s) °C and Other Remarks: 2-8/2-4 sub



# Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-3

**Login Number: 98375**  
**List Number: 1**  
**Creator: Arauz, Dennis**

**List Source: Eurofins TestAmerica, Pleasanton**

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



# Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-98375-3

**Login Number: 98375**  
**List Number: 3**  
**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience**  
**List Creation: 05/15/20 02:51 PM**

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

