



Limited Agricultural Investigation Report

REPORT DATE: May 1, 2024

SITE INFORMATION

Cheaney Street Townhomes
Cheaney Street
Santa Clara, Santa Clara County, California 95054

PROJECT INFORMATION

AEI Project No. 491364

PREPARED FOR

David J. Powers & Associates, Inc.
1871 The Alameda, Suite 200
San Jose, California 95126

PREPARED BY

AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
925.746.6000

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May 1, 2024

Shannon Goerge
David J. Powers & Associates, Inc.
1871 The Alameda, Suite 200
San Jose, California 95126

**Subject: Limited Agricultural Investigation
Cheeney Street
Santa Clara, California 95054
AEI Project No. 491364**

Dear Shannon George:

This report presents the results of the Limited Agricultural Investigation performed by AEI Consultants (AEI) at Cheeney Street, Santa Clara, California 95054 (the Site) to assess the recognized environmental conditions identified in the *Draft Phase I Environmental Site Assessment* report prepared by AEI dated December 30, 2022. This investigation was completed to assess the shallow soil at the Site. The investigation was performed in general accordance with the scope of services outlined in our proposal dated July 12, 2023 (AEI Proposal Number 91689), which was subsequently authorized on March 27, 2024.

AEI appreciates the opportunity to support this important project. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tory Golino", is written over a light blue horizontal line.

Tory Golino
Senior Vice President
AEI Consultants

1.0 PURPOSE

The general purpose of this Agricultural Investigation was to evaluate whether the subsurface has been adversely impacted by the Recognized Environmental Conditions (RECs) identified in the *Draft Phase I Environmental Site Assessment* (ESA) report prepared by AEI dated December 30, 2022 to assess the shallow soil at the Site. The investigation was performed in general accordance with the scope of services outlined in our proposal dated July 12, 2023 (AEI Proposal Number 91689), which was subsequently authorized on March 27, 2024. The Site description, background, investigation procedures, findings, summary, and conclusions are presented in the following sections.

2.0 SITE DESCRIPTION

The Site is located on the northeast side of Cheeney Street in Santa Clara, California. The Site consists of approximately 0.52 acres of vacant land that is improved with a small metal shed. The Site is further improved with asphalt-paved parking areas, and overgrown vegetation. The location of the Site is shown in Figures 1 and 2.

The ground surface at the Site and nearby properties appeared to be relatively flat, with a slight topographic gradient to the northwest and is situated at an elevation of approximately 24 feet above mean sea level. According to information obtained from the December 30, 2022 Draft Phase I ESA for the surrounding area, groundwater is expected to be encountered from a depth of approximately 10 to 16 feet below ground surface and groundwater flow direction beneath the Site is inferred to follow the topographic gradient, and flow to the northwest.

3.0 BACKGROUND

According to the December 30, 2022 Draft Phase I ESA report, aerial photographs and topographic maps; the Site was historically used for agricultural purposes. While there is the potential that agricultural chemicals such as pesticides, herbicides and fertilizers, were historically used on site, the Draft Phase I ESA did not verify such use. The potential use of agricultural chemicals at the Site is an REC in the Draft Phase I ESA.

3.0 INVESTIGATION EFFORTS

The purpose of this investigation was to evaluate the shallow surface soils on the 0.52-acre Site for organochlorine pesticides (OCPs), arsenic, and lead, common persistent residual contaminants associated with historical agricultural land use. The investigation included the collection of four near-surface soil samples for laboratory analysis for potential agricultural chemicals, arsenic, and lead.

3.1 Health and Safety Plan

A Site-specific health and safety plan was prepared, reviewed by onsite personnel, and kept on Site for the duration of the fieldwork.

3.2 Soil Sampling

On April 15, 2024, a shallow soil sampling program was completed at the Site in general conformance with the August 7, 2008 *Interim guidance for Sampling Agricultural Properties* prepared by the California Department of Toxic Substances Control. The locations of the shallow soil sampling program are shown on Figure 2 and were generally spaced equally across the sampling area.

Prior to sampling, loose vegetation and soil was cleared from the ground surface at each sample location and a small hole was dug to a depth of approximately six inches, to first encountered native soil, with hand tools. A hand shovel was then used to scrape soil from the sides of the hole at a depth of approximately six inches and transfer the soil to clean, laboratory-supplied, 9-oz glass jars. Upon collection, each sample was labeled with the project name, project number, and the sampling date and time. After labeling, each sample was placed into an insulated, chilled ice chest containing ice for transport to the analytical laboratory. Chain-of-custody documentation, a copy of which is included in Appendix A, was prepared and accompanied the samples to the analytical laboratory.

3.3 Laboratory Analysis

The soil samples were submitted to a State of California certified laboratory, Torrent Laboratory of Milpitas, California. Four discrete soil samples were analyzed for arsenic and lead using United State Environmental Protection Agency (US EPA) Testing Method 6010B. Four discrete soil samples were analyzed for OCPs using US EPA Testing Method 8081A. The OCP analysis includes testing for common persistent pesticides encountered in the Bay Area, including dichlorodiphenyltrichloroethane (DDT), dichlorodiphenyldichloroethylene (DDE), and dichlorodiphenyldichloroethane (DDD), chlordane, and dieldrin, among others. Chain-of-custody documentation and the certified analytical report are provided in Appendix A.

4.0 FINDINGS

For purposes of providing context to the data obtained during this investigation, analytical results were compared to the San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) July 2019, Revision 2, for a residential land use scenario. The ESLs are considered to be conservative. Under most circumstances, and within the limitations described in the ESLs, the presence of a chemical in soil at concentrations below the corresponding ESL may be assumed to not pose a significant threat to human health and the environment. Additional evaluation may be necessary at sites where a chemical is present at concentrations above the corresponding ESL.

In addition to evaluating the soil analytical results for metals from this investigation to their regulatory comparison values, the arsenic and lead analytical results were also compared to the background concentrations of metals that naturally exist in California soils. A study entitled *Background Concentrations of Trace Major Elements in California Soils*, dated March 1996, by the Kearney Foundation of Soil Science was also reviewed for information on the concentrations of background metals in California soils. The Kearney report is a relevant source used by public policy makers and by those in the private sector concerned with environmental remediation and land-use planning.

Tables 1 and 2 present a summary of the soil sample analytical results. The results can be further summarized as follows:

- Arsenic was detected in the four samples collected and analyzed at concentrations of 20.6 milligrams per kilogram (mg/kg) in SB-1, 13.3 mg/kg in SB-2, 7.90 mg/kg in SB-3, and 7.85 mg/kg in SB-4. The detected concentrations in each sample exceed the residential direct exposure ESL of 0.067 mg/kg. The detected concentrations in samples SB-1 and SB-2 exceed the maximum naturally existing background concentration commonly found in California soils of 11.0 mg/kg.
- Lead was detected in the four samples collected and analyzed at concentrations of 8.3 mg/kg in SB-1, 64.5 mg/kg in SB-2, 9.45 mg/kg in SB-3, and 50.5 mg/kg in SB-4. The detected concentrations in each sample are below the residential direct exposure ESL of 80 mg/kg and the background concentration of 97.1 mg/kg.
- 4,4'-DDE was detected in soil samples SB-1, SB-2, and SB-4 at concentrations of 0.0130 J mg/kg, 0.1550 mg/kg, and 0.0140 J mg/kg, respectively. The detected concentrations are below the residential direct exposure ESL of 1.8 mg/kg.
- 4,4'-DDD was detected in soil samples SB-2 and SB-4 at concentrations of 0.01270 J mg/kg and 0.01180 J mg/kg, respectively. The detected concentrations are below the residential direct exposure ESL of 2.7 mg/kg.
- 4,4'-DDT was detected in soil samples SB-2 and SB-4 at concentrations of 0.03820 mg/kg and 0.03030 mg/kg, respectively. The detected concentrations are below the residential direct exposure ESL of 1.9 mg/kg.
- Dieldrin was detected in soil sample SB-2 at a concentration of 0.00310 J mg/kg and. The detected concentrations are below the residential direct exposure ESL of 0.037 mg/kg.
- The remaining OCPs were not detected at concentrations above their respective laboratory method detection limits (MDLs).

Note: the "J" flag indicates that the value reported is between the method detection limit and the practical quantization limit and the reported concentration should be considered an estimated value rather than a quantitative value.

5.0 SUMMARY AND CONCLUSIONS

AEI has completed a Limited Agriculture Investigation at the Site as described above. The purpose of the investigation is to assess shallow soil for the potential presence of residual common pesticides and metals associated with historic agricultural use at the Site. Four shallow soil samples were collected during the investigation and select samples were analyzed for OCPs, lead, and arsenic. Results from this investigation are summarized as follows:

- No OCPs were detected at concentrations above their respective residential direct exposure ESLs in the soil samples collected and analyzed.
- Arsenic was detected above the maximum naturally existing background concentration commonly found in California soils of 11.0 mg/kg in samples SB-1 and SB-2 at concentrations of 20.6 mg/kg and 13.3 mg/kg, respectively.
- Lead was detected in each of the four samples collected and analyzed. The concentrations of lead are below the applicable residential direct exposure ESL and/or background concentrations.

Based on the results summarized above, additional soil sampling is recommended in the vicinity of SB-1 and SB-2 to further delineate the extent of arsenic impacted soil. In addition, AEI recommends a Soil Management Plan to protect the environment and construction workers during soil disturbance activities.

6.0 REFERENCES

AEI, 2022, *Draft Phase I Environmental Site Assessment, Cheeney Street Townhomes, Cheeney Street, Santa Clara, Santa Clara County, California 95054*, dated December 30, 2022.

California Department of Toxic Substances Control (DTSC), 2008, *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated August 7.

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), 2019, *Environmental Screening Levels*, dated July 2019, revision 2.

Duvergé, D.J., 2011. *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*, San Francisco State University, MS Thesis. December.

G. R. Bradford, A. C. Change¹, A. L. Page, D. Bakhtar, J. A. Frampton, and H. Wright, 1996. *Background Concentrations of Trace and Major Elements in California Soils*, Kearney Foundation of Soil Science Division of Agricultural and Natural Resources University of California, March.

7.0 REPORT LIMITATIONS AND RELIANCE

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, subject to scope of work for which AEI was retained and limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. This report should not be regarded as a guarantee that no further contamination beyond that which could have been detected within the scope of this investigation is present beneath the Site. Undocumented, unauthorized releases of hazardous material, the remains of which are not readily identifiable by visual inspection and are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation.

Any conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work. No other warranty, either expressed or implied, has been made.

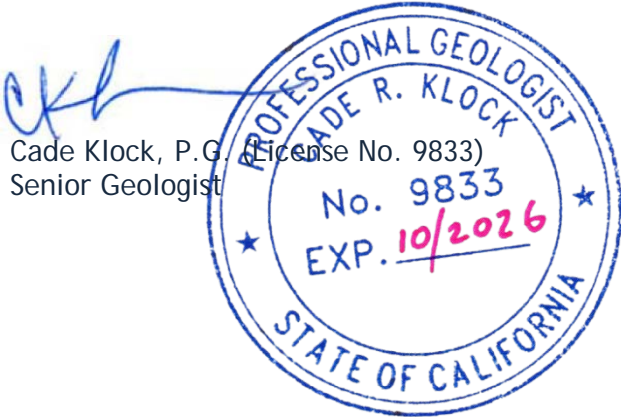
This investigation was prepared for the sole use and benefit of David J. Powers & Associates. Both verbal and written, whether in draft or final, are for the benefit of David J. Powers & Associates. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may

come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's Proposal and Standard Terms & Conditions executed by David J. Powers & Associates. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

8.0 SIGNATURES

This report was prepared by, or under the direction of, the undersigned.

Samantha Golding
Samantha Golding
Project Geologist II



FIGURES



FIGURE 1: SITE LOCATION MAP

Cheeney Street Townhomes, Cheeney Street, Santa Clara, California 95054

AEI Project No. 491364





LEGEND

- Approximate Site Boundary
- ⊕ SB-4 Soil Sampling Location

SITE MAP



CHEENEY TOWNHOMES/
CHEENEY STREET
SANTA CLARA, CALIFORNIA

FIGURE 2
Project No. 491364

TABLES

TABLE 1: SOIL SAMPLE DATA SUMMARY - SELECT METALS
Cheaney Street Townhomes
Santa Clara, California 95054

Location ID	Date	Depth (feet bgs)	Arsenic (As) (mg/kg)	Lead (Pb) (mg/kg)
SB-1	4/15/2024	0.5	20.6	8.3
SB-2	4/15/2024	0.5	13.3	64.5
SB-3	4/15/2024	0.5	7.90	9.45
SB-4	4/15/2024	0.5	7.85	50.5
<u>Comparison Values:</u>				
ESL Direct Exposure - R			0.067 ¹	80
<u>Maximum Background Concentrations</u>			11.0	97.1

Notes:

mg/kg Milligrams per kilogram
bgs Below ground surface
Result Result exceeds a regulatory screening level
¹ Arsenic concentrations from Establishing Background
 Arsenic in Soil of the San Francisco Bay Region, December
 2011 study indicate background levels of arsenic in
 California Bay Area soil typically range between 1.2 and
 11 mg/kg.

Comparison Values:

ESL Direct Exposure - R: Environmental Screening Levels (ESLs) Direct Exposure Human Health Residential (R) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

Max. Background: Typical background concentrations provided here are based on "Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region" by Duvergé, D.J., dated December 2011 for arsenic and "Background Concentrations of Trace and Major Elements in California Soils", by Bradford, G.R., et. al., dated March 1996 for remaining metals.

TABLE 2: SOIL SAMPLE DATA SUMMARY - PESTICIDES
Cheeneey Street Townhomes
Santa Clara, California 95054

Location ID	Date	Depth (feet bgs)	4,4-DDE (mg/kg)	4,4'-DDD (mg/kg)	4,4-DDT (mg/kg)	Dieldrin (mg/kg)
SB-1	4/15/2024	0.5	0.0130 J	<0.00640	<0.00740	<0.00250
SB-2	4/15/2024	0.5	0.1550	0.01270 J	0.03820	0.00310 J
SB-3	4/15/2024	0.5	<0.00610	<0.00640	<0.00740	<0.00250
SB-4	4/15/2024	0.5	0.0140 J	0.01180 J	0.03030	<0.00250
<u>Comparison Values:</u>						
ESL Direct Exposure - R			1.8	2.7	1.9	0.037

Notes:

- mg/kg milligrams per kilogram
- bgs below ground surface
- DDE Dichlorodiphenyldichloroethylene
- DDD Dichlorodiphenyldichloroethane
- DDT Dichlorodiphenyltrichloroethane
- No established regulatory screening level
- < less than the laboratory method detection limit (MDL)
- J Indicates a value between the MDL and indicates that the value reported is between the method detection limit and the practical quantization limit and the reported concentration should be considered an estimated value rather than a quantitative value.

Comparison Values:

ESL Direct Exposure - R: Environmental Screening Levels (ESLs) showing Direct Exposure Human Health Residential (R) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board.

**APPENDIX A
LABORATORY
ANALYTICAL REPORT**



AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
Tel: 925-746-6048
RE: Cheeney St Townhomes

Work Order No.: 2404147

Dear Samantha Golding:

Torrent Laboratory, Inc. received 4 sample(s) on April 15, 2024 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style and is positioned above a horizontal line.

Kathie Evans
Project Manager

April 18, 2024

Date



Date: 4/18/2024

Client: AEI Consultants

Project: Cheeney St Townhomes

Work Order: 2404147

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.



Sample Result Summary

Report prepared for: Samantha Golding
AEI Consultants

Date Received: 04/15/24

Date Reported: 04/18/24

2404147-001

SB-1

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.3	20.6	mg/Kg
Lead	SW6010B	1	0.12	3.0	8.30	mg/Kg
4,4'-DDE	SW8081B	10	6.1	20	13.0	ug/Kg

2404147-002

SB-2

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.3	13.3	mg/Kg
Lead	SW6010B	1	0.12	3.0	64.5	mg/Kg
4,4'-DDE	SW8081B	10	6.1	20	155	ug/Kg
Dieldrin	SW8081B	10	2.5	20	3.10	ug/Kg
4,4'-DDD	SW8081B	10	6.4	20	12.7	ug/Kg
4,4'-DDT	SW8081B	10	7.4	20	38.2	ug/Kg

2404147-003

SB-3

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.3	7.90	mg/Kg
Lead	SW6010B	1	0.12	3.0	9.45	mg/Kg

2404147-004

SB-4

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.3	7.85	mg/Kg
Lead	SW6010B	1	0.12	3.0	50.5	mg/Kg
4,4'-DDE	SW8081B	10	6.1	20	14.0	ug/Kg
4,4'-DDD	SW8081B	10	6.4	20	11.8	ug/Kg
4,4'-DDT	SW8081B	10	7.4	20	30.3	ug/Kg



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-1	Lab Sample ID:	2404147-001A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 8:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 4/16/24	6:30:00PM
Prep Batch ID: 1159923	Prep Analyst: TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	20.6		mg/Kg	04/17/24	12:14	GS	483240
Lead	SW6010B	1	0.12	3.0	8.30		mg/Kg	04/17/24	12:14	GS	483240



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-1	Lab Sample ID:	2404147-001A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 8:45		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 4/16/24	9:01:00AM
Prep Batch ID: 1159870	Prep Analyst: SSUTRA	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	1:37	LA	483273
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/17/24	1:37	LA	483273
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/17/24	1:37	LA	483273
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/17/24	1:37	LA	483273
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/17/24	1:37	LA	483273
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/17/24	1:37	LA	483273
4,4'-DDE	SW8081B	10	6.1	20	13.0	J	ug/Kg	04/17/24	1:37	LA	483273
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/17/24	1:37	LA	483273
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/17/24	1:37	LA	483273
4,4-DDT	SW8081B	10	7.4	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/17/24	1:37	LA	483273
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/17/24	1:37	LA	483273
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/17/24	1:37	LA	483273
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/17/24	1:37	LA	483273
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		50.5		%	04/17/24	1:37	LA	483273
Decachlorobiphenyl (S)	SW8081B		38 - 135		45.6		%	04/17/24	1:37	LA	483273

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-2	Lab Sample ID:	2404147-002A
Project Name/Location:	Cheeneey St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 8:51		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 4/16/24	6:30:00PM
Prep Batch ID: 1159923	Prep Analyst: TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	13.3		mg/Kg	04/17/24	12:15	GS	483240
Lead	SW6010B	1	0.12	3.0	64.5		mg/Kg	04/17/24	12:15	GS	483240



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-2	Lab Sample ID:	2404147-002A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 8:51		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 4/16/24	9:01:00AM
Prep Batch ID: 1159870	Prep Analyst:	SSUTRA

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
-------------	-----------------	----	-----	-----	---------	---	-------	----------	------	----	------------------

The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	1:53	LA	483273
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/17/24	1:53	LA	483273
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/17/24	1:53	LA	483273
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/17/24	1:53	LA	483273
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/17/24	1:53	LA	483273
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/17/24	1:53	LA	483273
4,4'-DDE	SW8081B	10	6.1	20	155		ug/Kg	04/17/24	1:53	LA	483273
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Dieldrin	SW8081B	10	2.5	20	3.10	J	ug/Kg	04/17/24	1:53	LA	483273
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/17/24	1:53	LA	483273
4,4'-DDD	SW8081B	10	6.4	20	12.7	J	ug/Kg	04/17/24	1:53	LA	483273
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/17/24	1:53	LA	483273
4,4-DDT	SW8081B	10	7.4	20	38.2		ug/Kg	04/17/24	1:53	LA	483273
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/17/24	1:53	LA	483273
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/17/24	1:53	LA	483273
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/17/24	1:53	LA	483273
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/17/24	1:53	LA	483273
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		42.9	S	%	04/17/24	1:53	LA	483273
Decachlorobiphenyl (S)	SW8081B		38 - 135		36.3	S	%	04/17/24	1:53	LA	483273

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)
S-surrogate outside of control limits due to possible matrix interference



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-3	Lab Sample ID:	2404147-003A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 9:00		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 4/16/24	6:30:00PM
Prep Batch ID: 1159923	Prep Analyst: TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	7.90		mg/Kg	04/17/24	12:17	GS	483240
Lead	SW6010B	1	0.12	3.0	9.45		mg/Kg	04/17/24	12:17	GS	483240



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-3	Lab Sample ID:	2404147-003A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 9:00		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 4/16/24	9:01:00AM
Prep Batch ID: 1159870	Prep Analyst: SSUTRA	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	2:08	LA	483273
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/17/24	2:08	LA	483273
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/17/24	2:08	LA	483273
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/17/24	2:08	LA	483273
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/17/24	2:08	LA	483273
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/17/24	2:08	LA	483273
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/17/24	2:08	LA	483273
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/17/24	2:08	LA	483273
4,4-DDT	SW8081B	10	7.4	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/17/24	2:08	LA	483273
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/17/24	2:08	LA	483273
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/17/24	2:08	LA	483273
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/17/24	2:08	LA	483273
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		70.6		%	04/17/24	2:08	LA	483273
Decachlorobiphenyl (S)	SW8081B		38 - 135		71.0		%	04/17/24	2:08	LA	483273

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-4	Lab Sample ID:	2404147-004A
Project Name/Location:	Cheaney St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 9:07		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 4/16/24	6:30:00PM
Prep Batch ID: 1159923	Prep Analyst: TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	7.85		mg/Kg	04/17/24	12:19	GS	483240
Lead	SW6010B	1	0.12	3.0	50.5		mg/Kg	04/17/24	12:19	GS	483240



SAMPLE RESULTS

Report prepared for: Samantha Golding
AEI Consultants

Date/Time Received: 04/15/24, 12:48 pm
Date Reported: 04/18/24

Client Sample ID:	SB-4	Lab Sample ID:	2404147-004A
Project Name/Location:	Cheeneey St Townhomes	Sample Matrix:	Soil
Project Number:	491364		
Date/Time Sampled:	04/15/24 / 9:07		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 4/16/24	9:01:00AM
Prep Batch ID: 1159870	Prep Analyst: SSUTRA	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	2:23	LA	483273
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/17/24	2:23	LA	483273
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/17/24	2:23	LA	483273
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/17/24	2:23	LA	483273
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/17/24	2:23	LA	483273
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/17/24	2:23	LA	483273
4,4'-DDE	SW8081B	10	6.1	20	14.0	J	ug/Kg	04/17/24	2:23	LA	483273
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/17/24	2:23	LA	483273
4,4'-DDD	SW8081B	10	6.4	20	11.8	J	ug/Kg	04/17/24	2:23	LA	483273
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/17/24	2:23	LA	483273
4,4-DDT	SW8081B	10	7.4	20	30.3		ug/Kg	04/17/24	2:23	LA	483273
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/17/24	2:23	LA	483273
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/17/24	2:23	LA	483273
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/17/24	2:23	LA	483273
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/17/24	2:23	LA	483273
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		80.8		%	04/17/24	2:23	LA	483273
Decachlorobiphenyl (S)	SW8081B		38 - 135		85.1		%	04/17/24	2:23	LA	483273

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



MB Summary Report

Work Order:	2404147	Prep Method:	3546_OCP	Prep Date:	04/16/24	Prep Batch:	1159870
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	4/16/2024	Analytical Batch:	483218
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			110	
Decachlorobiphenyl (S)			110	



MB Summary Report

Work Order:	2404147	Prep Method:	3546_OCP	Prep Date:	04/16/24	Prep Batch:	1159870
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	4/16/2024	Analytical Batch:	483273
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Hexachlorobenzene	0.51	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			110	
Decachlorobiphenyl (S)			110	



MB Summary Report

Work Order:	2404147	Prep Method:	3050B	Prep Date:	04/16/24	Prep Batch:	1159923
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/17/2024	Analytical Batch:	483240
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	ND		
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	0.750	ND		
Chromium	0.075	5.00	ND		
Cobalt	0.070	5.00	0.070		
Copper	0.20	5.00	ND		
Lead	0.10	3.00	ND		
Molybdenum	0.050	5.00	ND		
Nickel	0.50	5.00	ND		
Selenium	0.35	1.10	ND		
Silver	0.15	0.500	ND		
Thallium	0.55	5.00	ND		
Vanadium	0.10	5.00	ND		
Zinc	0.30	5.00	ND		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404147	Prep Method:	3546_OCP	Prep Date:	04/16/24	Prep Batch:	1159870
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	4/16/2024	Analytical Batch:	483218
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	107	106	0.935	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	114	111	2.00	40 - 130	30	
Aldrin	0.20	2.0	ND	40	113	112	1.33	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	108	107	1.16	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	99.8	101	1.74	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	106	106	0.472	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	105	104		48 - 125		
Decachlorobiphenyl (S)				100	105	106		38 - 135		

Work Order:	2404147	Prep Method:	3050B	Prep Date:	04/16/24	Prep Batch:	1159923
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/17/2024	Analytical Batch:	483240
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	103	101	1.96	80 - 120	30	
Arsenic	0.15	1.30	ND	50	100	98.4	1.61	80 - 120	30	
Barium	0.055	5.00	ND	50	107	105	1.89	80 - 120	30	
Beryllium	0.055	5.00	ND	50	104	103	0.966	80 - 120	30	
Cadmium	0.10	0.750	ND	50	103	101	1.96	80 - 120	30	
Chromium	0.075	5.00	ND	50	106	105	0.948	80 - 120	30	
Cobalt	0.070	5.00	0.070	50	105	104	0.957	80 - 120	30	
Copper	0.20	5.00	ND	50	108	106	1.87	80 - 120	30	
Lead	0.10	3.00	ND	50	105	103	1.92	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	107	106	0.939	80 - 120	30	
Nickel	0.50	5.00	ND	50	104	103	0.966	80 - 120	30	
Selenium	0.22	5.00	ND	50	94.3	92.9	1.49	80 - 120	30	
Silver	0.15	5.00	ND	50	104	102	1.94	80 - 120	30	
Thallium	0.20	5.00	ND	50	105	103	1.92	80 - 120	30	
Vanadium	0.10	5.00	ND	50	106	105	0.948	80 - 120	30	
Zinc	0.30	5.00	ND	50	101	99.5	1.40	80 - 120	30	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m³ , mg/m³ , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: AEI Consultants

Date and Time Received: 4/15/2024 12:48:00PM

Project Name: Cheaney St Townhomes

Received By: Claudia Moreno

Work Order No.: 2404147

Physically Logged By: Claudia Moreno

Checklist Completed By: Claudia Moreno

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present? Yes

Chain of custody signed when relinquished and received? Yes

Chain of custody agrees with sample labels? Yes

Custody seals intact on sample bottles? Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present

Shipping Container/Cooler In Good Condition? Yes

Samples in proper container/bottle? Yes

Samples containers intact? Yes

Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes

Container/Temp Blank temperature in compliance? Temperature: 8.0 °C

Water-VOA vials have zero headspace? No VOA vials submitted

Water-pH acceptable upon receipt? N/A

pH Checked by: N/A pH Adjusted by: N/A

Comments:



Login Summary Report

Client ID: TL5781 AEI Consultants

QC Level: II

Project Name: Cheeney St Townhomes

TAT Requested: 3 Day Std:3

Project # : 491364

Date Received: 4/15/2024

Report Due Date: 4/18/2024

Time Received: 12:48 pm

Comments:

Work Order # : **2404147**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2404147-001A	SB-1	04/15/24 8:45	Soil	10/12/24			Met_S_As Pb Pest_S_8081OCP	
2404147-002A	SB-2	04/15/24 8:51	Soil	10/12/24			Met_S_As Pb Pest_S_8081OCP	
2404147-003A	SB-3	04/15/24 9:00	Soil	10/12/24			Met_S_As Pb Pest_S_8081OCP	
2404147-004A	SB-4	04/15/24 9:07	Soil	10/12/24			Met_S_As Pb Pest_S_8081OCP	



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 Milpitas, CA 95035
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 FAX: 408.263.8293
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CHAIN OF CUSTODY

LAB WORK ORDER NO

2404147

Reset

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: AEI Consultants			<input type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 491364	PO#: 362979
Address: 2500 Camino Diablo			Project Name: Cheeny St. Townhomes		
City: Walnut Creek	State: CA	Zip Code: 94597	Comments:		
Telephone: 925-746-6000	Cell: 724-344-0251	SAMPLER: S. Golding			
REPORT TO: Cade Klock / Sam Golding BILL TO: AEI			EMAIL: sgolding@aeiconsultants.com		

TURNAROUND TIME:

- 2 - 8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

- Drinking Water Storm Water Air
 Waste Water Wipe
 Ground Water Other
 Soil Product / Bulk

REPORT FORMAT:

- Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	OCPs 8081A	As and Pb 6010B											REMARKS		
001A		SB-1	4/15/24 845	soil	1	Soil	X	X													STD 3-Day TAT
002A		SB-2	851				X	X													
003A		SB-3	900				X	X													
004A		SB-4	907				X	X													

1	Relinquished By: <i>AGis</i>	Print: <i>Sam Golding</i>	Date: <i>4/15/24</i>	Time: <i>1245</i>	Received By: <i>clm</i>	Print: <i>Claudia Moreno</i>	Date: <i>4/15/24</i>	Time: <i>12:48</i>
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date: <i>4/15/24</i>	Time:

Cooler Temperature 8.1 °C Samples Received on ice? Yes No

Method of Shipment D/O

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.