AEI Consultants

July 6, 2022

LIMITED PHASE II SUBSURFACE INVESTIGATION

Property Identification:
Assessor Parcel Numbers (APNs): 331-060-021, 331-060-034, 331-060-036, and 331-060-021 (also known as 331-060-027)
SWC of Barnett Road and Ethanac Road
Perris, Riverside County, California 92570

AEI Project No. 439924

Prepared for:
Phelan Development Company
450 Newport Center Drive 230
Newport Beach, California 92660
Attn: Katrina DeArmey

Prepared by:
AEI Consultants
2207 West 190th Street
Torrance, California 90504

AEI Contact: Ms. Courtney Monheit
Business Development Manager
cmonheit@aeiconsultants.com
(925) 756-6000

Environmental Due Diligence

Building Assessments

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction Risk Management

Zoning Analysis Reports & ALTA Surveys

TABLE OF CONTENTS

AEI Consultants

July 6, 2022

Phelan Development Company
450 Newport Center Drive 230
Newport Beach, California 92660
Attn: Lori McKinnon

Subject: **Limited Phase II Subsurface Investigation**
Assessor Parcel Numbers (APNs): 331-060-021, 331-060-034, 331-060-036, and 331-060-021 (also known as 331-060-027)
SWC of Barnett Road and Ethanac Road
Perris, Riverside County, California 92570
AEI Project No. 439924

AEI Consultants (AEI) is pleased to provide this report that describes the activities and results of the Limited Phase II Subsurface Investigation performed at the southwest corner (SWC) of Barnett Road and Ethanac Road, in Perris, California ("the Site"). This investigation was completed to assess the current conditions of the shallow subsurface based on the historical use of the Site identified in AEI's *Phase I Environmental Site Assessment (ESA)* dated June 2, 2021. This investigation was completed in general accordance with the scope and services outlined in our authorized proposal number 85600 dated June 16, 2022.

Information regarding the Site description, background, scope of work, findings, conclusions, and recommendations are provided in the following sections.

1.0 SITE DESCRIPTION

The Site consists of approximately 17.17 acres of vacant land located on the southwest corner of Barnett Road and Ethanac Road, in a mixed residential and commercial area in the city of Perris, California. Figure 1 presents the Site Location Map. Figure 2 presents the Site Map.

The Site sits relatively flat at an elevation of approximately 1,423 feet above mean sea level. The estimated depth to groundwater is approximately 93 to 96 feet below ground surface (bgs) according to the Phase I ESA. The regional topographic gradient direction slopes toward the northwest.

The Perris Block is an internally unfaulted eroded mass of Cretaceous and older granitic rocks of the Southern California Basolith and meta sedimentary basement rocks (USGS Water Atlas). The soils are developed in granitic alluvium (USDA).

2.0 BACKGROUND

AEI prepared a Phase I ESA that identified the Site was historically used for agricultural purposes. Based on the historical agricultural use, there is potential that agricultural chemicals, such as pesticides, herbicides, and fertilizers, were used on Site, and that the shallow subsurface has been impacted using such agricultural chemicals.

3.0 INVESTIGATION EFFORTS

The investigation included the collection of shallow soil samples for laboratory analysis. Because of their potential persistence in soil, this investigation included sampling for arsenic, organochlorine pesticides (OCPs), and chlorinated herbicides. The scope of work for this investigation was designed in accordance with the protocol described in the California Department of Toxic Substances Control (DTSC) document entitled *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated August 7, 2008.

3.1 Health and Safety Plan

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

3.2 Soil Sample Collection

On June 23, 2022, a shallow soil sampling program was completed that was generally consistent with the protocol outlined in the DTSC *Interim Guidance for Sampling Agricultural Properties (Third Revision)* dated August 7, 2008. For the shallow sampling program, seven (7) separate sampling areas (Sections S-1 through S-7) were evenly spaced across the Site, as shown on Figure 2. Soil samples were collected from clear, accessible areas within the Site.

Samples collected from S-1 through S-7 were composited in the field into seven 4-point composite samples (S-1-COMP through S-7-COMP) and one duplicate sample was collected from area S-1 (S-1-COMP-Dup). Select discrete samples, one from each area (S-1-1, S-2-2, S-3-3, S-4-4, S-5-1, S-6-2, and S-7-3) were analyzed for arsenic, including one discrete duplicate sample (S-7-3-Dup) collected from S-7-3.

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 below ground surface with hand tools. A hand shovel was then used to scrape soil from the sides of the hole at a depth of between three and six inches and transfer the soil to clean, laboratory-supplied, 4-ounce glass jars for the discrete soil samples. 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 was prepared and accompanied the samples to the analytical laboratory, a copy of which is included in Appendix A.

3.3 Equipment Decontamination and Investigation-Derived Waste

The hand sampling equipment was decontaminated prior to and/or after collecting each soil sample. The equipment was cleaned using a triple-rinse method, which consisted of an initial wash containing an Alconox detergent and water solution, followed by two potable water rinses.

3.4 Laboratory Analyses

The soil samples were submitted to State of California certified laboratory, Alpha Scientific Corporation, of Cerritos, California. Seven composite soil samples (S-1-COMP through S-7-COMP) and duplicate composite sample (S-1-COMP-Dup) were analyzed for OCPs using United States Environmental Protection Agency (US EPA) Testing Method 8081A and chlorinated herbicides using US EPA Testing Method 8151A. Eight discrete soil samples (S-1-1, S-2-2, S-3-3, S-4-4, S-5-1, S-6-2, S-7-3, and S-7-3-Dup) were analyzed for arsenic using US EPA Testing Method 6010B.

Chain-of-custody documentation and the certified analytical report are provided in Appendix A. No further sample analysis was conducted as part of this investigation.

4.0 FINDINGS

Analytical results generated during this investigation were compared to the Revision 2, July 2019 Environmental Screening Levels (ESLs) for residential, commercial/industrial, and construction worker scenarios issued by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). Under most circumstances, and within the limitations described in the SFBRWQCB ESL guidance documents, the presence of a chemical in soil, at concentrations below the corresponding ESL guidance concentration 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. Additionally, detections of arsenic in soil samples were compared to the *Kearney Foundation of Soil Science Division of Agriculture and Natural Resources University of California Background Concentrations of Trace and Major Elements in California Soils* (Bradford 1996) to evaluate a background threshold.

For this investigation, AEI understands the Site is planned for redevelopment for residential and commercial use. Therefore, analytical results generated during this investigation were compared to the ESLs assuming a direct shallow soil contact for residential, commercial, and construction worker use.

Table 1 presents a summary of the soil sample analytical results. The results can be further summarized as follows:

- 4,4'- Dichlorodiphenyldichloroethane (DDE) was detected in three composite soil samples at concentrations of 0.0032 J milligrams per kilograms (mg/kg) (S-5-Comp), 0.0060 mg/kg (S-6-Comp), and 0.0069 mg/kg (S-7-Comp) below the residential ESL of 1.8 mg/kg, the commercial/industrial ESL of 8.3 mg/kg, and the construction worker ESL of 57 mg/kg.

4,4'-DDE was not detected above the laboratory method detection limit (MDL) in the remaining soil samples collected.

- 4,4'-Dichlorodiphenyldichloroethane (DDD) was detected in four composite soil samples (S-1-Comp through S-4-Comp) and the duplicate (S-1-Comp-Dup) at concentrations ranging from 0.0052 mg/kg to 0.0193 mg/kg, below the residential ESL of 2.7 mg/kg, the commercial/industrial ESL of 12 mg/kg, and the construction worker ESL of 81 mg/kg. 4,4'-DDD was not detected above the laboratory MDL in the remaining soil samples collected
- No other OCPs were detected in soil samples above their respective laboratory MDLs.
- Chlorinated herbicides were not detected in the soil samples collected and analyzed above their respective laboratory MDLs.
- Arsenic was detected in the seven of the discrete soil samples collected, and the duplicate, with concentrations ranging from 2.3 mg/kg (S-1-1) to 6.1 mg/kg (S-6-2), above the residential and commercial ESL of 0.067 mg/kg and 0.31 mg/kg, respectively, also above the construction worker ESL of 2.0 mg/kg, however below the maximum background concentration of 11.0 mg/kg.

Laboratory Notes:
J – Result are less than reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

5.0 SUMMARY AND CONCLUSIONS

AEI has completed a Limited Phase II Subsurface Investigation at the Site to evaluate if the near surface soil has been impacted by the historical agricultural use identified at the Site. Seven shallow soil composites and one duplicate composite soil sample were collected and analyzed for OCPs and chlorinated herbicides and eight discrete samples (including the duplicate) were collected and analyzed for arsenic. The results are summarized as follows:

- 4,4'-DDD was detected with a maximum concentration of 0.0193 mg/kg and 4,4'-DDE was detected with a maximum concentration of 0.0069 mg/kg. Given a maximum dilution of 4:1 based on composite sampling, these concentrations are below their respective residential ESLs.
- No other OCPs and chlorinated herbicides were detected in the soil samples collected and analyzed above their respective laboratory MDLs.
- Arsenic was not detected at concentrations above the maximum background concentration of 11.0 mg/kg in the soil samples collected at the Site.

Based on the results of this investigation, no further assessment is warranted at this time.

6.0 REPORT LIMITATIONS AND RELIANCE

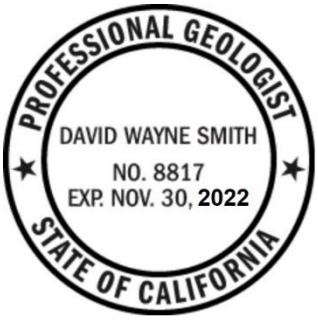
This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen 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 subject property. 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 National Bank of Arizona, a division of Zions. All reports, both verbal and written, whether in draft or final, are for the benefit of National Bank of Arizona, a division of Zions. 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 Lori Mckinnon of National Bank of Arizona, a division of Zions. 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.

If there are any questions regarding our investigation, please do not hesitate to contact Ms. Courtney Monheit at (925) 746-6000, or the undersigned.

Sincerely,
AEI Consultants



Kate Lamb
Senior Project Manager
C: (773) 655-1263

David Smith, P.G. (8817)
Senior Geologist
C: (310) 789-4255

AEI Consultants
2207 West 190th Street
Torrance, California 90504

FIGURES

LEGEND

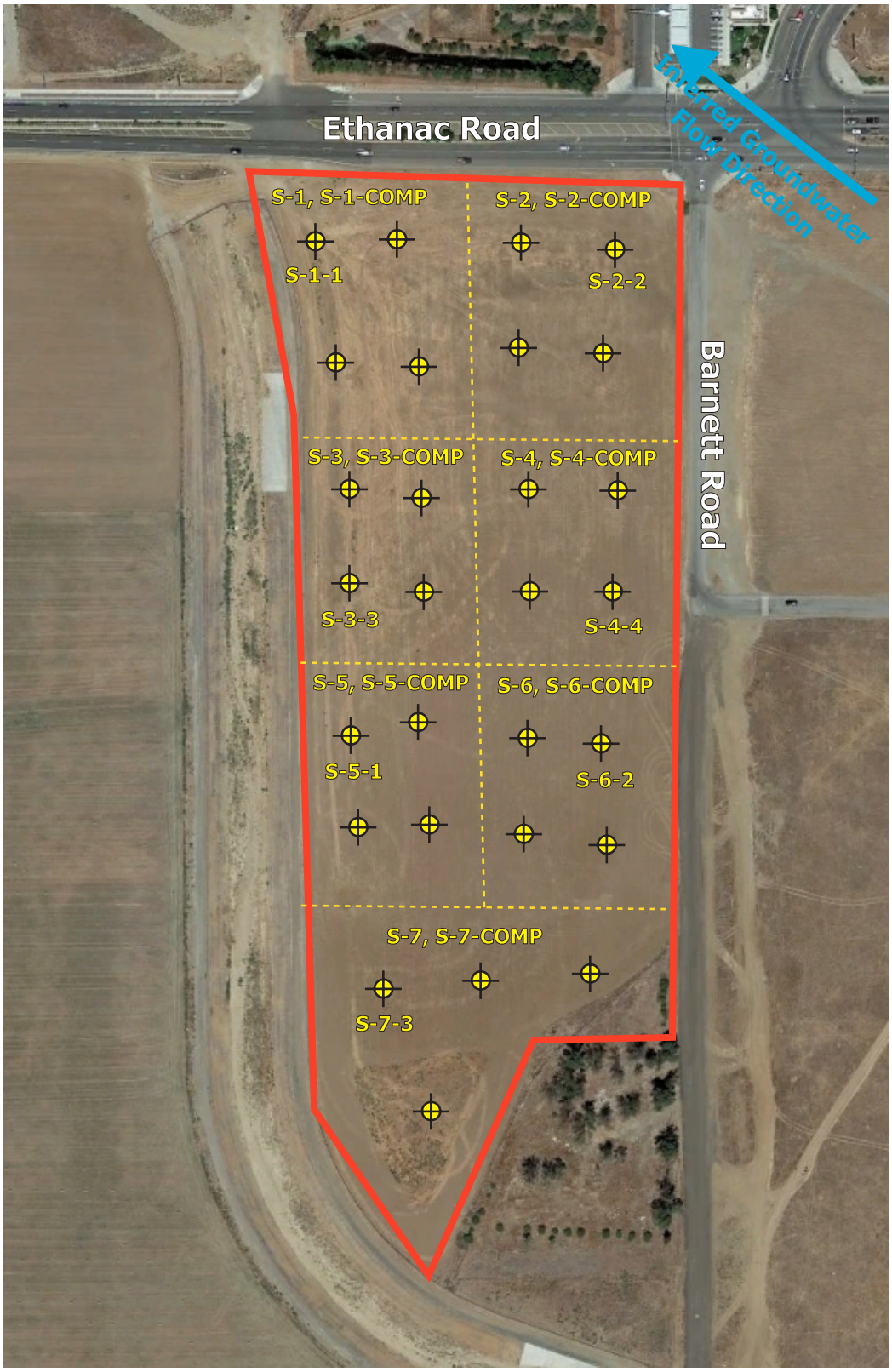
Map: Romoland, California Quadrangle
Date: 2022
Source: USGS

AEI Consultants
2207 West 190th Street,Torrance, California 90504

SITE LOCATION MAP

SWC Barnett Rd. and Ethanac Rd.
Perris, California 92570

FIGURE 1
Project No. 439924



N

0 94 188

SCALE: 1″ = 188′

LEGEND

Approximate Site Boundary

S-7-3, S-7-COMP — Approximate Sampling Location

AEI Consultants

2207 West 190th Street, Torrance, California 90504

SITE MAP

SWC Barnett Rd. and Ethanac Rd.
Perris, California 92570

FIGURE 2
Project Number 439924

TABLE

TABLE 1: SOIL SAMPLE DATA SUMMARY

Southwest Corner of Barnett Road and Ethanac Road, Riverside County, California 92570

AEI Project No. 439924

			OCPs by U.S. EPA Method 8081A								U.S. EPA Method 8151A	U.S. EPA Method 6010B
Location ID	**Date**	**Depth**	**4,4'-DDE**	**4,4'-DDD**	**4,4'-DDT**	**gamma-Chlordane**	**alpha-Chlordane**	**Chlordane**	**Dieldrin**	**Other OCPs**	**Chlorinated Herbicides[1]**	**Arsenic**
		(feet bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Composite Sample Results												
S-1-Comp	6/23/2022	0.5	ND<0.002	0.0141	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-1-Comp- Dup	6/23/2022	0.5	ND<0.002	0.0100	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-2-Comp	6/23/2022	0.5	ND<0.002	0.0193	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-3-Comp	6/23/2022	0.5	ND<0.002	0.0052	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-4-Comp	6/23/2022	0.5	ND<0.002	0.0089	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-5-Comp	6/23/2022	0.5	0.0032J	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-6-Comp	6/23/2022	0.5	0.0060	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
S-7-Comp	6/23/2022	0.5	0.0069	ND<0.002	ND<0.002	ND<0.002	ND<0.002	ND<0.015	ND<0.002	ND<MDL	ND<RL	NA
Discrete Sample Results												
S-1-1	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3
S-2-2	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6
S-3-3	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1
S-4-4	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2
S-5-1	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.3
S-6-2	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1
S-7-3	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.0
S-7-3 Dup	6/23/2022	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1
Comparison Values in mg/kg - Environmental Screening Levels, Table S-1, Residential; SFBRWQCB, July 2019 Rev. 2			1.8	2.7	1.9	--	--	0.48	0.037	Varies	Varies	0.067
Comparison Values in mg/kg - Environmental Screening Levels, Table S-1, Comm/Ind; SFBRWQCB, July 2019 Rev. 2			8.3	12	8.5	--	--	2.2	0.16	Varies	Varies	0.31
Comparison Values in mg/kg from SFBRWQCB Environmental Screening Levels (ESL), Table S-1, Construction Worker; July 2019 Revision 2			57	81	57	--	--	14	1.1	Varies	Varies	2.00
Arsenic Comparison Value based on California Maximum Background Concentration in mg/kg*			--	--	--	--	--	--	--	--	--	11.0

Notes:

	Analyses performed by Alpha Scientific Corporation, Cerritos, California
[1]	Analysis subcontracted to A & R Laboratories, Ontario, California
mg/kg	Milligrams per kilogram
ND<	Not detected at or above the laboratory method detection limit (MDL) or reporting limit (RL)
NA	Not analyzed
bgs	Below ground surface
Comm/Ind	Commercial/Industrial
OCPs	Organochlorine Pesticides
Table S-1	Soil-Direct Exposure Human Health Risk Levels
EPA	Environmental Protection Agency
--	Comparison Value not Applicable
DDE	Dichlorodiphenyldichloroethene
DDD	Dichlorodiphenyldichloroethane
DDT	Dichlorodiphenyltrichloroethane
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
J	Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
*	From Kearney Foundation of Soil Science 1996 Report "Background Concentrations of Trace and Major Elements in California Soils"

APPENDIX A

LABORATORY ANALYTICAL REPORT

ALPHA SCIENTIFIC CORPORATION
Environmental Laboratories

06-29-2022

Mr. David Smith
AEI Consultants
2207 W. 190th Street
Torrance, CA 90504

Project: 439924
Project Site: SWC of Barnett Road and Ethanac, Perris
Sample Date: 06-23-2022
Lab Job No.: AI206052

Dear Mr. Smith:

Enclosed please find the analytical report for the sample(s) received by Alpha Scientific Corporation on 06-23-2022 and analyzed by the following EPA methods:

EPA 6010B (Arsenic, TTLC)
EPA 8081A (Organochlorine Pesticides)
EPA 8151A (Chlorinated Herbicides)

EPA 8151A analysis was subcontracted A & R Laboratories (ELAP #2789). Their original report will be attached.

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

Alpha Scientific Corporation is a CA ELAP certified laboratory (Certificate Number 3007). Thank you for giving us the opportunity to serve you. Please feel free to call me at (562) 809-8880 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

Client:	AEI Consultants	Lab Job No.:	AI206052
Project:	439924		
Project Site:	SWC of Barnett Road and Ethanac, Perris	Date Sampled:	06-23-2022
Matrix:	Soil	Date Received:	06-23-2022
Batch No.:	0624-MS1	Date Analyzed:	06-24-2022
		Date Reported:	06-29-2022

EPA 6010B (Arsenic, TTLC)
Reporting Units: mg/kg (ppm)

Sample I.D.	Lab ID	Arsenic, TTLC	MDL	PQL
Method Blank		ND	1	2
S-1-1	AI206052-9	2.3	1	2
S-2-2	AI206052-10	5.6	1	2
S-3-3	AI206052-11	4.1	1	2
S-4-4	AI206052-12	5.2	1	2
S-5-1	AI206052-13	4.3	1	2
S-6-2	AI206052-14	6.1	1	2
S-7-3	AI206052-15	4.0	1	2
S-7-3 Dup	AI206052-16	4.1	1	2

MDL: Method Dectection Limit;
PQL: Practical Quantitation Limit;
ND: Not Detected (at the specified limit).

Client:	AEI Consultants	Lab Job No.:	AI206052
Project:	439924		
Project Site:	SWC of Barnett Road and Ethanac, Perris	Date Sampled:	06-23-2022
Matrix:	Soil	Date Received:	06-23-2022
Extraction Method:	EPA 3550B	Date Extracted:	06-24-2022
Batch No.	AF24-PS1	Date Analyzed:	06-24-2022
		Date Reported:	06-29-2022

EPA 8081A (Organochlorine Pesticides)
Reporting Unit: µg/kg (ppb)

LAB SAMPLE I.D.			MB	AI206052-1	AI206052-2	AI206052-3	AI206052-4	AI206052-5
CLIENT SAMPLE I.D.				S-1-Comp	S-1-Comp Dup	S-2-Comp	S-3-Comp	S-4-Comp
DILUTION FACTOR			1	1	1	1	1	1
COMPOUND	**MDL**	**PQL**						
Alpha-BHC	2	5	ND	ND	ND	ND	ND	ND
Gamma-BHC (Lindane)	2	5	ND	ND	ND	ND	ND	ND
Heptachlor	2	5	ND	ND	ND	ND	ND	ND
Aldrin	2	5	ND	ND	ND	ND	ND	ND
Beta-BHC	2	5	ND	ND	ND	ND	ND	ND
Delta-BHC	2	5	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2	5	ND	ND	ND	ND	ND	ND
Endosulfan I	2	5	ND	ND	ND	ND	ND	ND
4,4'-DDE	2	5	ND	ND	ND	ND	ND	ND
Dieldrin	2	5	ND	ND	ND	ND	ND	ND
Endrin	2	5	ND	ND	ND	ND	ND	ND
4,4'-DDD	2	5	ND	14.1	10.0	19.3	5.2	8.9
Endosulfan II	2	5	ND	ND	ND	ND	ND	ND
4,4'-DDT	2	5	ND	ND	ND	ND	ND	ND
Endrin Aldehyde	2	5	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2	5	ND	ND	ND	ND	ND	ND
Methoxychlor	2	5	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2	5	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2	5	ND	ND	ND	ND	ND	ND
Total Chlordane	15	25	ND	ND	ND	ND	ND	ND
Toxaphene	30	100	ND	ND	ND	ND	ND	ND
SURROGATE	**Accept Limit%**		**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**
Surrogate Standard	60-140		116	128	119	125	129	119

MDL=Method Detection Limit; PQL=Practical Quantitation Limit; MB=Method Blank;
ND=Not Detected (below DF × MDL); %RC=Percent Recovery.
* = Obtained from a higher dilution analysis.

Client:	AEI Consultants	Lab Job No.:	AI206052
Project:	439924		
Project Site:	SWC of Barnett Road and Ethanac, Perris	Date Sampled:	06-23-2022
Matrix:	Soil	Date Received:	06-23-2022
Extraction Method:	EPA 3550B	Date Extracted:	06-24-2022
Batch No.	AF24-PS1	Date Analyzed:	06-24-2022
		Date Reported:	06-29-2022

EPA 8081A (Organochlorine Pesticides)
Reporting Unit: µg/kg (ppb)

LAB SAMPLE I.D.			MB	AI206052-6	AI206052-7	AI206052-8		
CLIENT SAMPLE I.D.				S-5-Comp	S-6-Comp	S-7-Comp		
DILUTION FACTOR			1	1	1	1		
COMPOUND	**MDL**	**PQL**						
Alpha-BHC	2	5	ND	ND	ND	ND		
Gamma-BHC (Lindane)	2	5	ND	ND	ND	ND		
Heptachlor	2	5	ND	ND	ND	ND		
Aldrin	2	5	ND	ND	ND	ND		
Beta-BHC	2	5	ND	ND	ND	ND		
Delta-BHC	2	5	ND	ND	ND	ND		
Heptachlor Epoxide	2	5	ND	ND	ND	ND		
Endosulfan I	2	5	ND	ND	ND	ND		
4,4'-DDE	2	5	ND	3.2J	6.0	6.9		
Dieldrin	2	5	ND	ND	ND	ND		
Endrin	2	5	ND	ND	ND	ND		
4,4'-DDD	2	5	ND	ND	ND	ND		
Endosulfan II	2	5	ND	ND	ND	ND		
4,4'-DDT	2	5	ND	ND	ND	ND		
Endrin Aldehyde	2	5	ND	ND	ND	ND		
Endosulfan Sulfate	2	5	ND	ND	ND	ND		
Methoxychlor	2	5	ND	ND	ND	ND		
Alpha-Chlordane	2	5	ND	ND	ND	ND		
Gamma-Chlordane	2	5	ND	ND	ND	ND		
Total Chlordane	15	25	ND	ND	ND	ND		
Toxaphene	30	100	ND	ND	ND	ND		
SURROGATE	**Accept Limit%**		**%RC**	**%RC**	**%RC**	**%RC**		
Surrogate Standard	60-140		116	126	123	129		

MDL=Method Detection Limit; PQL=Practical Quantitation Limit; MB=Method Blank;
ND=Not Detected (below DF × MDL); %RC=Percent Recovery.
* = Obtained from a higher dilution analysis.

06-29-2022

EPA 6010B for Arsenic
Batch QA/QC Report

Client:	AEI Consultants	Lab Job No.:	AI206052
Project:	439924		
Matrix:	Soil	Lab Sample I.D.:	PI206056-1
Batch No.:	0624-MS1	Date Analyzed:	06-24-2022

I. MS/MSD Report
Unit: ppm

Analyte	EPA Method	Sample Conc.	Spike Conc.	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Arsenic (As)	6010B	ND	4.0	110.3	115.9	5.0	30	70-130

II. LCS Result
Unit: ppm

Analyte	EPA Method	LCSD Value	True Value	Rec.%	Accept. Limit
Arsenic (As)	6010B	4.26	4.0	106.5	80-120

ND: Not Detected (at the specified limit).

06-29-2022

EPA 8081A (Pesticides)
Batch QA/QC Report

Client:	AEI Consultants	Lab Job No.:	AI206052
Project:	439924		
Matrix:	Soil	Lab Sample I.D.:	PI206056-1
Batch No:	AF24-PS1	Date Analyzed:	06-24-2022

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Gamma-BHC	ND	10	9.28	8.65	92.8	86.5	7.0	30	46-127
Heptachlor	ND	10	9.96	10.3	99.6	103.0	3.4	30	31-134
Aldrin	ND	10	8.26	8.9	82.6	89.0	7.5	30	36-132
Dieldrin	ND	20	18.0	16.8	90.0	84.0	6.9	30	21-134
Endrin	ND	20	19.9	19.4	99.5	97.0	2.5	30	42-139
4,4'-DDT	ND	20	16.4	18.0	82.0	90.0	9.3	30	21-134

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	Accept. Limit
Gamma-BHC	20.7	20	103.5	80-120
Heptachlor	19.3	20	96.5	80-120
Aldrin	21.4	20	107.0	80-120
Dieldrin	23.3	20	116.5	80-120
Endrin	22.6	20	113.0	80-120
4,4'-DDT	16.9	20	84.5	80-120

ND: Not Detected.

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 07/05/2022 11:13:58
Laboratory Job No. (Certificate of Analysis No.)	2206-00203
Project Name / No.	439924/PERRIS AI206052
Dates Sampled (from/to)	06/23/22 To 06/23/22
Dates Received (from/to)	06/24/22 To 06/24/22
Dates Reported (from/to)	07/05/22 To 7/5/2022
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

None

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2206-00203

ALPHA SCIENTIFIC CORPORATION
ROGER WANG
16760 GRIDLEY ROAD
CERRITOS, CA 90703

Project: 439924/PERRIS

Date Reported	07/05/22
Date Received	06/24/22
Invoice No.	95355
Cust #	A183
Permit Number	
Customer P.O.	AI206052

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **S-1-COMP**					Date & Time Sampled:		06/23/22 @	9:36
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 002 **S-1-COMP-DUP**					Date & Time Sampled:		06/23/22 @	9:37
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 003 **S-2-COMP**					Date & Time Sampled:		06/23/22 @	9:38
Sample Matrix: **Soil**								

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2206-00203

ALPHA SCIENTIFIC CORPORATION
ROGER WANG
16760 GRIDLEY ROAD
CERRITOS, CA 90703

Project: 439924/PERRIS

Date Reported	07/05/22
Date Received	06/24/22
Invoice No.	95355
Cust #	A183
Permit Number	
Customer P.O.	AI206052

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 **S-2-COMP**					Date & Time Sampled:		06/23/22 @	9:38
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 004 **S-3-COMP**					Date & Time Sampled:		06/23/22 @	9:51
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 005 **S-4-COMP**					Date & Time Sampled:		06/23/22 @	9:52
Sample Matrix: **Soil**								

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2206-00203

ALPHA SCIENTIFIC CORPORATION
ROGER WANG
16760 GRIDLEY ROAD
CERRITOS, CA 90703

Project: 439924/PERRIS

Date Reported	07/05/22
Date Received	06/24/22
Invoice No.	95355
Cust #	A183
Permit Number	
Customer P.O.	AI206052

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 **S-4-COMP**					Date & Time Sampled:		06/23/22 @	9:52
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 006 **S-5-COMP**					Date & Time Sampled:		06/23/22 @	10:07
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 007 **S-6-COMP**					Date & Time Sampled:		06/23/22 @	10:08
Sample Matrix: **Soil**								

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2206-00203

ALPHA SCIENTIFIC CORPORATION
ROGER WANG
16760 GRIDLEY ROAD
CERRITOS, CA 90703

Project: 439924/PERRIS

Date Reported	07/05/22
Date Received	06/24/22
Invoice No.	95355
Cust #	A183
Permit Number	
Customer P.O.	AI206052

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 **S-6-COMP**					Date & Time Sampled:		06/23/22 @ 10:08	
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Sample: 008 **S-7-COMP**					Date & Time Sampled:		06/23/22 @ 10:17	
Sample Matrix: **Soil**								
[Herbicide]								
Acifluorfen	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Bentazon	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Chloramben	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4-D	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
2,4-DB	<20		ug/kg	EPA 8151A	1.0	20	07/04/22	KZ
Dicamba	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
3,5-Dichlorobenzoic Acid	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Dinoseb	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
Pentachlorphenol(PCP)	<5		ug/kg	EPA 8151A	1.0	5	07/04/22	KZ
Pichloram	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-T	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ
2,4,5-TP(Silvex)	<10		ug/kg	EPA 8151A	1.0	10	07/04/22	KZ

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

QUALITY CONTROL DATA REPORT

2206-00203

ALPHA SCIENTIFIC CORPORATION
ROGER WANG
16760 GRIDLEY ROAD
CERRITOS, CA 90703

Date Reported	**07/05/2022**
Date Received	**06/24/2022**
Date Sampled	**06/23/2022**
Invoice No.	**95355**
Customer #	**A183**
Customer P.O.	**AI206052**

Project: 439924/PERRIS

Method # EPA 8151A
QC Reference # 103797 **Date Analyzed:** 7/4/2022 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008

Results	LCS %REC	Control Ranges LCS %REC
2,4,5-T	103	68 - 160
2,4,5-TP(Silvex)	104	42 - 180
Dicamba	102	50 - 180

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

asc90703@gmail.com
16760 Gridley Road
Cerritos, CA 90703
Tel: (562) 809-8880
Fax: (562) 809-8801

ALPHA SCIENTIFIC CORPORATION
CHAIN OF CUSTODY RECORD

Lab Job Number 2206-00203

Client: **Alpha Scientific Corporation**

Address: **16760 Gridley Road** **Cerritos, CA 90703**

Report Attention	Phone	Fax	Sampled by
Roger Wang	**562-809-8880**	**562-809-8801**	**D.S.**

Project Name/No.	Project Site Address	P.O. #
439924	Perris	**AI206052**

T.A.T. Requested: ☐ 8hrs ☐ 24 hrs ☐ 48hrs ☐ 3 days ☒ Normal

Sample Condition: ☑ Chilled ☑ Intact ☐ Sample Seals

	Client Sample ID	Lab Sample ID	Sample Collect Date	Sample Collect Time	Matrix Type	Sample Preserv	No.,type* & size of container	EPA 8151A (Chlorinated Herbicides)	Remark
1	S-1-Comp		6/23/22	9:36	Soil	Ice	1 Jar	X	**Standard TAT**
2	S-1-Comp Dup		6/23/22	9:37	Soil	Ice	1 Jar	X	**For this project**
3	S-2-Comp		6/23/22	9:38	Soil	Ice	1 Jar	X	
4	S-3-Comp		6/23/22	9:51	Soil	Ice	1 Jar	X	
5	S-4-Comp		6/23/22	9:52	Soil	Ice	1 Jar	X	
6	S-5-Comp		6/23/22	10:07	Soil	Ice	1 Jar	X	
7	S-6-Comp		6/23/22	10:08	Soil	Ice	1 Jar	X	
8	S-7-Comp		6/23/22	10:17	Soil	Ice	1 Jar	X	

Relinquished by	Company	Date	Time	Received by	Company	Date	Time
[signature]	Alpha Scientific Corp	6/24/22	10:35	[signature]	ATC	6/24/22	1035
[signature]	ATC	6/24/22	12:12	[signature]	ATC	6/24/22	12:12

Container types: A=Air Bag, G=Glass bottle, M=metal Tube, P=Plastic bottle, V=VOA vial

ALPHA SCIENTIFIC CORPORATION
CHAIN OF CUSTODY RECORD

Lab Job Number AI206052

Client:	AEI Consultants
Address	2207 W. 190th Street, Torrance, CA
Report Attention	David Smith
Phone	310-798-4255
Fax	
Sampled by	David Smith
Project Name/No.	439924
Project Site	SWC of Barnett Road and Ethanac, Perris

T.A.T. Requested: ☐ 8 hrs ☐ 24 hrs ☑ 48 hrs ☐ 3 days ☒ Normal

Sample Condition: ☑ Chilled ☒ Intact ☐ Sample seals

Client Sample ID	Lab Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No.,type* & size of container	TPH-Gasoline	TPH-Diesel	8260B (BTEX, Oxygenates)	8260B (VOCs)	8270C (SVOCs)	CAM Metals	8082 (PCBs)	OCPs by 8081A	Cl-herbs by 8151A	Arsenic by 6010B			Remark
S-1-Comp	AI206052-1	6/23	9:36	Soil	ice	1 Jar								X	X				
S-1-Comp Dup	-2	6/23	9:37	Soil	ice	1 Jar								X	X				
S-2-Comp	-3	6/23	9:38	Soil	ice	1 Jar								X	X				
S-3-Comp	-4	6/23	9:51	Soil	ice	1 Jar								X	X				
S-4-Comp	-5	6/23	9:52	Soil	ice	1 Jar								X	X				
S-5-Comp	-6	6/23	10:07	Soil	ice	1 Jar								X	X				
S-6-Comp	-7	6/23	10:08	Soil	ice	1 Jar								X	X				
S-7-Comp	-8	6/23	10:17	Soil	ice	1 Jar								X	X				
S-1-1	-9	6/23	9:30	Soil	ice	1 Jar										X			
S-2-2	-10	6/23	9:24	Soil	ice	1 Jar										X			
S-3-3	-11	6/23	9:44	Soil	ice	1 Jar										X			
S-4-4	-12	6/23	9:47	Soil	ice	1 Jar										X			
S-5-5	-13	6/23	10:03 ~~10:00~~	Soil	ice	1 Jar										X			
S-6-2	-14	6/23	10:00	Soil	ice	1 Jar										X			
S-7-3	-15	6/23	10:13	Soil	ice	1 Jar										X			
S-7-3 Dup	-16	6/23	10:14	Soil	ice	1 Jar										X			

Relinquished by	Company	Date	Time	Received by	Company	Date	Time
David Smith	AEI	6/23	11:45	[illegible]	ASL	6-23-22	11:45
Relinquished by	Company	Date	Time	Received by	Company	Date	Time

Container types: M=Metal Tube, P=Plastic bottle, A=Air Bag, G=Glass bottle, V=VOA vial

Alpha Scientific Corporation
16760 Gridley Road
Cerritos, CA 90703

Email: ascorp@verizon.net
Tel: (562) 809-8880
Fax: (562) 809-8801

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.
Distribution: White with report, Yellow to courier.

Alpha Scientific Corporation
Sample Acceptance Checklist

Section 1

Client: AEI Project: 439924 Lab Job# A1206052

Date Received: 6-23-22

Sample(s) received in cooler(s)? Yes ✓ No____ (skip to Section 2)

Cooler(s) packed with: Ice____ Ice Packs ✓ Packing Material____

Cooler Temperature (°C) : #1: 5C #2:____ #3:____ #4:____ #5____

(Acceptable range is 0°C to 6°C or arriving on ice for samples received on the same day as collected.)

(Ambient Temperature for vapor or air samples is acceptable).

If sample(s) received outside acceptable range, Project Manager contacted by(Personnel Initial):____

Section 2	YES	NO	N/A
Was a COC received?	✓		
Were client sample IDs present?	✓		
Were sample(s) collection dates present?	✓		
Was the COC signed?	✓		
Were tests clearly indicated?	✓		
Did all samples arrive intact? If no, indicate below.	✓		
Did all container labels agree with COC?	✓		
Were correct containers used for the tests required?	✓		
Was there sufficient sample amount for requested tests?	✓		
Were the samples correctly preserved?			✓
Was there headspace in VOA vials?		✓	
Were Custody seals present?			✓
If yes-were they intact?			

Section 3

Explanations/Comments:____

Section 4

Was the Project Manager notified of anomalies? Yes____ No____ N/A ✓

Via Phone: By: ____ Date/Time ____

By Email: Sent to:____

Project Manager's response:____

Completed by: ML Date: 6-23-22

Alpha Scientific Corporation
16760 Gridley Road
Cerritos, CA 90703

Email: asc90703@gmail.com
Tel: (562) 809-8880
Fax: (562) 809-8801