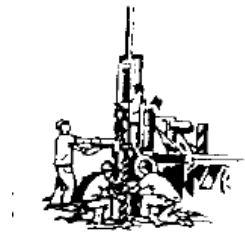


GEO-ETKA, INC.

Established 1965

**Soil Engineering and Geology
Material Testing and Inspections**



1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: geoetka@aol.com

March 3, 2022

Updated December 20, 2022

Balbas Construction, Inc.
3189 Airway Avenue, Unit D
Costa Mesa, California 92626

Attention: Mr. Job Balbas:

Subject: Soil Sample Test Results for Organochlorine Pesticide, PCBs, and Chlorinated Herbicides, 2895 South Main Street, Corona.

[Total Petroleum Hydrocarbons (gasoline and diesel range) and Lead testing was performed under Separate Report Dated October 13, 2022.]

Geo-Etka, Inc. Project No.: FP-11936-22

Project: Proposed Fitness Mania,
2895 South Main Street, Corona, California.

Reference: Geo-Etka, Inc., "Preliminary Soil Investigation Report, Proposed Fitness Mania, 2895 South Main Street, Corona, California."

Project Number: FP-11936-22, Report Dated December 20, 2022.

Dear Mr. Balbas,

In accordance with your authorization, and as directed we have sampled surficial soils for Organochlorine Pesticide and its breakdown compounds, PCBs, and for Chlorinated Herbicides from the subject site. According to the provided Site Plan prepared by Knitter Partners International, Inc. (Sheet A-0.01, December 1, 2022), the site is proposed for a two-story, gymnasium building for Fitness Mania.

Six samples were collected from the upper 6 to 10 inches from random locations (see Plate 1 for sample locations). The samples were placed in plastic containers, sealed, labeled, and stored in an ice-cooled chest. The sample was transported to E.S.B Environmental Laboratories in Riverside, California, a CalEPA/DHS certified Hazardous Waste Testing Laboratory. Chain of custody document is included rear of test results. The testing was conducted in general accordance of EPA 8000 series and EPA 8151A.

The attached test results show “No Detection” for DDD (compound degrades from DDT), PCBs, and Chlorinated Herbicides. Detection was recorded for DDT and DDE (compound degrades from DDT). The detected levels is less than 1 ppm. Detected levels are summarized below.

Compound	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
4,4'-DDE	0.480 ppm	0.630 ppm	0.470 ppm	0.701 ppm	0.700 ppm	0.380 ppm
4,4'-DDT	0.190 ppm	0.490 ppm	0.190 ppm	0.200 ppm	0.320 ppm	0.033 ppm

Based on available information from the National Toxicology Program (NTP), the Hazardous Substances Data Bank (HSDB), and the National Library of Medicine (NIH), we found that “acceptable risk range” for tested animal range from 79.6 ppm to 113 ppm for these substances.

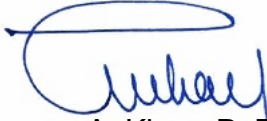
According to Risk Assessment Guidance for Superfund (RAGS), the calculated lifetime average concentrations of DDT in soil corresponding to the “no-significant risk level” for residential exposure, states that the concentration of DDT in soil corresponding to a “no-significant-risk” ranges from 7.9-18.8 ppm.

Based on the pesticide/PCBs/herbicide test results, the levels of these substances in onsite surficial soils are considered within acceptable risk range when compared to available information from various agencies. Nevertheless, we recommend placing existing surficial soils (upper 12 inches) in bottom of deeper fill areas during grading.

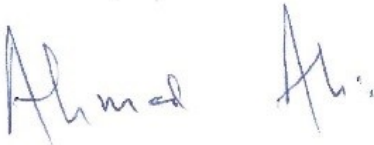
Our findings, and conclusions are normally limited to the samples collected and the area immediately surrounded each sample collection point. The work was performed in accordance with professional practices and standards currently accepted in the industry at the time our work was completed. No other warranty is either expressed or implied.

Questions, if any, regarding this report should be directed to our office.

Respectfully submitted,
GEO-ETKA, INC.



Ghayas A. Khan, P. E.
Civil Engineer, C-038344
Expires 3-31-23



Ahmed Ali, President
MS, REA

Attachment Laboratory Test Results
Plate 1, Sample Location Map

EXPLORATORY BOREHOLE LOCATION MAP
PRELIMINARY SOIL INVESTIGATION REPORT
2895 S. MAIN STREET
CORONA, CALIFORNIA

PREPARED BY:	DATE:	DECEMBER 2022
GEOETKA, INC.	DRAWN BY:	AM
	CHECKED BY:	HMN
	PROJECT NO.:	FP-1193622
SCALE:		1" = 20' (AS SHOWN)

PLATE 1

LEGEND:
E-4 ● ENVIRONMENTAL BULK SAMPLE





BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoMat Testing Laboratories, Inc.
Contact: Haytham Nabils, GE
Address: 9980 Indiana Ave., Suite 14
Riverside, CA 92503

Analytical Report: Page 1 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
C2B0964-01	1	Solid	02/7/22 13:10	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-02	2	Solid	02/7/22 13:20	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-03	3	Solid	02/7/22 13:30	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-04	4	Solid	02/7/22 13:40	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-05	5	Solid	02/7/22 13:45	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-06	6	Solid	02/7/22 13:50	Haytham Nabils	02/08/22 08:49	Serene Nabils



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Client Name: GeoMat Testing Laboratories, Inc.
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 Address: 9980 Indiana Ave., Suite 14
 Riverside, CA 92503

Analytical Report: Page 2 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
1	Solid	02/07/22 13:10	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NCALhND, NMint, NRPDo
4,4'-DDE	480	30	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NMout
4,4'-DDT	190	40	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NCALI, NMout
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Surrogate: Decachlorobiphenyl	119%	10-216		EPA 8081A	03/01/22 20:39	LLU	N_RLm
Surrogate: Decachlorobiphenyl	89%	10-216		EPA 8081A	02/17/22 15:33	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	



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Analytical Report: Page 3 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
1	Solid	02/07/22 13:10	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Surrogate: DCAA	70%	35-110		EPA 8151A	02/24/22 04:45	LLU	



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 Riverside, CA 92503

Analytical Report: Page 4 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
2	Solid	02/07/22 13:20	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALhND
4,4'-DDE	630	30	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm
4,4'-DDT	490	40	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Dieldrin	ND	30	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALhND
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Surrogate: Decachlorobiphenyl	143%	10-216		EPA 8081A	03/01/22 21:10	LLU	N_RLm
Surrogate: Decachlorobiphenyl	94%	10-216		EPA 8081A	02/17/22 15:49	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 05:11	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
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Address: 9980 Indiana Ave., Suite 14
Riverside, CA 92503

Analytical Report: Page 5 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
2	Solid	02/07/22 13:20	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Surrogate: DCAA	77%	35-110		EPA 8151A	02/24/22 05:11	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
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 Riverside, CA 92503

Analytical Report: Page 6 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
3	Solid	02/07/22 13:30	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm, NCALhND
4,4'-DDE	470	30	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm
4,4'-DDT	190	40	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Surrogate: Decachlorobiphenyl	85%	10-216		EPA 8081A	02/17/22 16:05	LLU	
Surrogate: Decachlorobiphenyl	108%	10-216		EPA 8081A	03/01/22 21:41	LLU	N_RLm
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 05:36	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
Contact: Haytham Nabils, GE
Address: 9980 Indiana Ave., Suite 14
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Analytical Report: Page 7 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
3	Solid	02/07/22 13:30	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Surrogate: DCAA	65%	35-110		EPA 8151A	02/24/22 05:36	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
 Contact: Haytham Nabils, GE
 Address: 9980 Indiana Ave., Suite 14
 Riverside, CA 92503

Analytical Report: Page 8 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
4	Solid	02/07/22 13:40	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	80	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm, NCALhND
4,4'-DDE	710	60	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm
4,4'-DDT	200	80	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Surrogate: Decachlorobiphenyl	109%	10-216		EPA 8081A	03/01/22 22:12	LLU	N_RLm
Surrogate: Decachlorobiphenyl	92%	10-216		EPA 8081A	02/17/22 16:22	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 06:02	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
Contact: Haytham Nabils, GE
Address: 9980 Indiana Ave., Suite 14
Riverside, CA 92503

Analytical Report: Page 9 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
4	Solid	02/07/22 13:40	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Surrogate: DCAA	73%	35-110		EPA 8151A	02/24/22 06:02	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.
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Analytical Report: Page 10 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
5	Solid	02/07/22 13:45	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	80	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm, NCALhND
4,4'-DDE	700	60	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm
4,4'-DDT	320	80	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Surrogate: Decachlorobiphenyl	116%	10-216		EPA 8081A	03/01/22 22:43	LLU	N_RLm
Surrogate: Decachlorobiphenyl	88%	10-216		EPA 8081A	02/17/22 16:38	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 06:27	LLU	



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Analytical Report: Page 11 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
5	Solid	02/07/22 13:45	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Surrogate: DCAA	66%	35-110		EPA 8151A	02/24/22 06:27	LLU	



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 Address: 9980 Indiana Ave., Suite 14
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 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
6	Solid	02/07/22 13:50	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 23:14	LLU	N_RLm, NCALhND
4,4'-DDE	380	30	ug/kg	EPA 8081A	03/01/22 23:14	LLU	N_RLm
4,4'-DDT	33	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Surrogate: Decachlorobiphenyl	111%	10-216		EPA 8081A	03/01/22 23:14	LLU	N_RLm
Surrogate: Decachlorobiphenyl	95%	10-216		EPA 8081A	02/17/22 16:54	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dichloroprop	ND	400	ug/kg	EPA 8151A	02/24/22 07:44	LLU	



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Analytical Report: Page 13 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C2B0964-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
6	Solid	02/07/22 13:50	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Surrogate: DCAA	71%	35-110		EPA 8151A	02/24/22 07:44	LLU	



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 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton

Blank (2B14002-BLK1)

Prepared: 02/14/22 Analyzed: 02/17/22

4,4'-DDD	ND	4.0	ug/kg							
4,4'-DDE	ND	3.0	ug/kg							
4,4'-DDT	ND	4.0	ug/kg							
a-BHC	ND	4.0	ug/kg							
Aldrin	ND	2.0	ug/kg							
b-BHC	ND	4.0	ug/kg							
Chlordane	ND	25	ug/kg							
d-BHC	ND	7.0	ug/kg							
Dieldrin	ND	3.0	ug/kg							
Endosulfan I	ND	3.0	ug/kg							
Endosulfan II	ND	4.0	ug/kg							
Endosulfan Sulfate	ND	10	ug/kg							
Endrin	ND	3.0	ug/kg							
Endrin Aldehyde	ND	7.0	ug/kg							
Heptachlor	ND	3.0	ug/kg							
Heptachlor Epoxide	ND	3.0	ug/kg							
Hexachlorobenzene	ND	40	ug/kg							
Lindane	ND	4.0	ug/kg							
Methoxychlor	ND	27	ug/kg							
Toxaphene	ND	80	ug/kg							

Surrogate: Decachlorobiphenyl	39		ug/kg	50.0		78	10-216			
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LCS (2B14002-BS1)

Prepared: 02/14/22 Analyzed: 02/17/22

4,4'-DDD	15.2	4.0	ug/kg	16.7		91	49-111			
4,4'-DDE	13.9	3.0	ug/kg	16.7		84	47-106			
4,4'-DDT	13.9	4.0	ug/kg	16.7		83	41-114			
a-BHC	13.7	4.0	ug/kg	16.7		82	27-109			
Aldrin	13.5	2.0	ug/kg	16.7		81	30-110			
b-BHC	13.6	4.0	ug/kg	16.7		82	32-119			
d-BHC	13.8	7.0	ug/kg	16.7		83	27-88			
Dieldrin	14.7	3.0	ug/kg	16.7		88	46-106			
Endosulfan I	13.8	3.0	ug/kg	16.7		83	39-107			
Endosulfan II	15.4	4.0	ug/kg	16.7		92	35-115			
Endosulfan Sulfate	14.2	10	ug/kg	16.7		85	32-112			



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 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton

LCS (2B14002-BS1)

Prepared: 02/14/22 Analyzed: 02/17/22

Endrin	17.2	3.0	ug/kg	16.7		103	46-118			
Endrin Aldehyde	7.64	7.0	ug/kg	16.7		46	23-105			
Heptachlor	14.2	3.0	ug/kg	16.7		85	22-125			
Heptachlor Epoxide	13.8	3.0	ug/kg	16.7		83	40-108			
Hexachlorobenzene	13.7	40	ug/kg	16.7		82	29-109			
Lindane	12.7	4.0	ug/kg	16.7		76	27-112			
Methoxychlor	59.8	27	ug/kg	66.7		90	45-123			
<i>Surrogate: Decachlorobiphenyl</i>	41		ug/kg	50.0		82	10-216			

Matrix Spike (2B14002-MS1)

Source: C2B0964-01

Prepared: 02/14/22 Analyzed: 02/17/22

4,4'-DDD	20.7	4.0	ug/kg	16.7	20.7	0.2	14-149			QMint
4,4'-DDE	ND	3.0	ug/kg	16.7	ND		10-140			QMout
4,4'-DDT	177	4.0	ug/kg	16.7	135	NR	10-138			QMout
a-BHC	13.1	4.0	ug/kg	16.7	ND	79	27-99			
Aldrin	12.4	2.0	ug/kg	16.7	ND	74	40-92			
b-BHC	14.8	4.0	ug/kg	16.7	0.525	86	15-130			
d-BHC	13.1	7.0	ug/kg	16.7	0.795	74	10-98			
Dieldrin	19.5	3.0	ug/kg	16.7	1.10	110	18-125			
Endosulfan I	13.4	3.0	ug/kg	16.7	ND	80	16-127			
Endosulfan II	19.1	4.0	ug/kg	16.7	2.95	97	29-108			
Endosulfan Sulfate	12.0	10	ug/kg	16.7	4.48	45	19-121			
Endrin	19.5	3.0	ug/kg	16.7	2.44	102	24-127			
Endrin Aldehyde	11.9	7.0	ug/kg	16.7	ND	71	10-103			
Heptachlor	16.6	3.0	ug/kg	16.7	0.827	94	10-125			
Heptachlor Epoxide	14.4	3.0	ug/kg	16.7	ND	86	46-101			
Hexachlorobenzene	13.4	40	ug/kg	16.7	0.853	76	29-115			
Lindane	13.3	4.0	ug/kg	16.7	ND	80	20-108			
Methoxychlor	72.1	27	ug/kg	66.7	10.3	93	10-157			
<i>Surrogate: Decachlorobiphenyl</i>	42		ug/kg	50.0		84	10-216			



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 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton										
Matrix Spike Dup (2B14002-MSD1)		Source: C2B0964-01			Prepared: 02/14/22		Analyzed: 02/17/22			
4,4'-DDD	27.2	4.0	ug/kg	16.7	20.7	39	14-149	198	40	QRPD0
4,4'-DDE	ND	3.0	ug/kg	16.7	ND		10-140		30	QMout
4,4'-DDT	184	4.0	ug/kg	16.7	135	NR	10-138	16	40	QMout
a-BHC	12.9	4.0	ug/kg	16.7	ND	77	27-99	2	30	
Aldrin	12.5	2.0	ug/kg	16.7	ND	75	40-92	1	30	
b-BHC	14.6	4.0	ug/kg	16.7	0.525	85	15-130	2	40	
d-BHC	13.4	7.0	ug/kg	16.7	0.795	76	10-98	2	30	
Dieldrin	19.1	3.0	ug/kg	16.7	1.10	108	18-125	2	25	
Endosulfan I	13.5	3.0	ug/kg	16.7	ND	81	16-127	0.4	20	
Endosulfan II	21.0	4.0	ug/kg	16.7	2.95	108	29-108	11	30	
Endosulfan Sulfate	11.7	10	ug/kg	16.7	4.48	43	19-121	4	40	
Endrin	19.5	3.0	ug/kg	16.7	2.44	102	24-127	0.2	30	
Endrin Aldehyde	13.3	7.0	ug/kg	16.7	ND	80	10-103	11	50	
Heptachlor	17.3	3.0	ug/kg	16.7	0.827	99	10-125	5	30	
Heptachlor Epoxide	13.4	3.0	ug/kg	16.7	ND	81	46-101	7	40	
Hexachlorobenzene	12.7	40	ug/kg	16.7	0.853	71	29-115	6	40	
Lindane	13.3	4.0	ug/kg	16.7	ND	80	20-108	0.05	40	
Methoxychlor	71.5	27	ug/kg	66.7	10.3	92	10-157	0.9	40	
Surrogate: Decachlorobiphenyl	43		ug/kg	50.0		87	10-216			



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 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Chlorinated Herbicides by EPA 8151A - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2B15006 - EPA 3550B										
Blank (2B15006-BLK1) Prepared: 02/16/22 Analyzed: 02/23/22										
2,4,5-T	ND	100	ug/kg							
2,4-D	ND	100	ug/kg							
2,4,5-TP Silvex	ND	100	ug/kg							
2,4-DB	ND	400	ug/kg							
Dalapon	ND	200	ug/kg							
Dicamba	ND	80	ug/kg							
Dichlorprop	ND	400	ug/kg							
Dinoseb	ND	100	ug/kg							
<i>Surrogate: DCAA</i>	3530		ug/kg	5000		71	35-110			
LCS (2B15006-BS1) Prepared: 02/16/22 Analyzed: 02/23/22										
2,4,5-T	392	100	ug/kg	500		78	12-119			
2,4-D	351	100	ug/kg	500		70	17-110			
2,4,5-TP Silvex	432	100	ug/kg	500		86	23-131			
2,4-DB	403	400	ug/kg	500		81	10-132			
Dalapon	402	200	ug/kg	500		80	10-147			
Dicamba	417	80	ug/kg	500		83	27-130			
Dichlorprop	400	400	ug/kg	500		80	16-127			
Dinoseb	451	100	ug/kg	500		90	23-142			
<i>Surrogate: DCAA</i>	3860		ug/kg	5000		77	35-110			
Matrix Spike (2B15006-MS1) Source: C2B0964-03 Prepared: 02/16/22 Analyzed: 02/24/22										
2,4,5-T	262	100	ug/kg	500	ND	52	10-122			
2,4-D	229	100	ug/kg	500	ND	46	10-127			
2,4,5-TP Silvex	367	100	ug/kg	500	ND	73	16-116			
2,4-DB	412	400	ug/kg	500	ND	82	10-140			
Dalapon	219	200	ug/kg	500	ND	44	10-135			
Dicamba	275	80	ug/kg	500	ND	55	10-124			
Dichlorprop	314	400	ug/kg	500	ND	63	13-135			
Dinoseb	437	100	ug/kg	500	ND	87	34-116			
<i>Surrogate: DCAA</i>	3370		ug/kg	5000		67	35-110			



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Client Name: GeoMat Testing Laboratories, Inc.
 Contact: Haytham Nabils, GE
 Address: 9980 Indiana Ave., Suite 14
 Riverside, CA 92503

Analytical Report: Page 18 of 21
 Project Name: Geomat Soils Testing for Herbici
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
 Received on Ice (Y/N): Yes Temp: 3 °C

Chlorinated Herbicides by EPA 8151A - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2B15006 - EPA 3550B										
Matrix Spike Dup (2B15006-MSD1)										
Source: C2B0964-03										
Prepared: 02/16/22 Analyzed: 02/24/22										
2,4,5-T	248	100	ug/kg	500	ND	50	10-122	5	30	
2,4-D	213	100	ug/kg	500	ND	43	10-127	7	50	
2,4,5-TP Silvex	351	100	ug/kg	500	ND	70	16-116	4	20	
2,4-DB	415	400	ug/kg	500	ND	83	10-140	0.6	30	
Dalapon	172	200	ug/kg	500	ND	34	10-135	24	50	
Dicamba	250	80	ug/kg	500	ND	50	10-124	10	30	
Dichlorprop	297	400	ug/kg	500	ND	59	13-135	6	50	
Dinoseb	445	100	ug/kg	500	ND	89	34-116	2	30	
Surrogate: DCAA	3410		ug/kg	5000		68	35-110			



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Notes and Definitions

- N_RLm Due to sample matrix, the reporting limit has been raised.
- NCALhNI Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, therefore data not impacted.
- NCALI The sample result(s) are estimate(s). The instrument calibration verification result(s) were below laboratory acceptance criteria.
- NCALIm Calibration Verification recovery was below the method control limits for this analyte due to matrix interference carried over from analytical samples.
- NCALInd Calibration Verification recovery was below the method control limit for this analyte. An additional check standard was analyzed at the reporting limit to ensure instrument sensitivity. Samples ND.
- NMint Due to matrix interference, the matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
- NMout The matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
- NRPDo The RPD/precision of replicate analyses performed on this sample did not meet laboratory acceptance criteria.
- QMint Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- Qraw Based on raw data excluding numerical rounding, QC recovery was within laboratory acceptance criteria.
- QRPD The RPD value for the sample duplicate or MS/MSD did not meet laboratory acceptance criteria.
- ND: Analyte NOT DETECTED at or above the Method Detection Limit (if MDL is reported), otherwise at or above the Reportable Detection Limit (RDL)
- NR: Not Reported
- RDL: Reportable Detection Limit
- MDL: Method Detection Limit

* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination



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Analytical Report: Page 20 of 21
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Report Date: 02-Mar-2022

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Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted.

Cindy A. Waddell

cc:

e-Standard_No Alias.rpt

This report applies only to the sample(s) analyzed. As a mutual protection to clients, the public, and Babcock Laboratories, Inc., this report is submitted and accepted for the exclusive use of the Client to whom it is addressed. Interpretation and use of the information contained within this report are the sole responsibility of the Client. Babcock Laboratories, Inc. is not responsible for any misinformation or consequences that may result from misinterpretation or improper use of this report. This report is not to be modified or abbreviated in any way. Additionally, this report is not to be used, in whole or in part, in any advertising or publicity matter without written authorization from Babcock Laboratories, Inc. The liability of Babcock Laboratories, Inc. is limited to the actual cost of the requested analyses, unless otherwise agreed upon in writing. There is no other warranty expressed or implied.

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P (951) 653-3351
F (951) 653-1662
www.babcocklabs.com

CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119



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6100 Quail Valley Court Riverside, CA 92507
(951) 653-3351 • FAX (951) 653-1662
www.babcocklabs.com

Chain of Custody & Sample Information Record

Client: <u>GEOMAT</u>	Contact: <u>HAYTHAM NABILSI</u>	Fax No.	Additional Reporting Requests Include QC Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No FAX Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Email Results: <input type="checkbox"/> Yes <input type="checkbox"/> No State EDT: <input type="checkbox"/> Yes <input type="checkbox"/> No (Include Source Number in Notes)
Phone No: <u>951-688-5400</u>	email: <u>haytham@geomatlabs.com</u>		
Project Name: <u>2895 SOUTH MAIN ST</u>	Turn Around Time: <u>Routine</u>	*72 Hour Rush *48 Hour Rush *24 Hour Rush	
Project Location: <u>CORONA</u>	*Lab TAT Approval:	By:	*Additional Charges Apply

Sampler Information			# of Containers & Preservatives							Total # of Containers	Sample Type		Analysis Requested	Matrix	Notes
Name	Employer	Signature	Unpreserved	H ₂ SO ₄	HCl	HNO ₃	Na ₂ S ₂ O ₈	NaOH	NaOH/Zn Acetate		NH ₄ Cl	PDC			
<u>HAYTHAM NABILSI</u>	<u>GEOMAT</u>	<u>[Signature]</u>													
Sample ID	Date	Time													
<u>1</u>	<u>2/7/22</u>	<u>1:10 P</u>													
<u>2</u>		<u>1:20</u>													
<u>3</u>		<u>1:30</u>													
<u>4</u>		<u>1:40</u>													
<u>5</u>		<u>1:45</u>													
<u>6</u>		<u>1:50</u>													

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (sign)	Print Name / Company
<u>[Signature]</u>	<u>Serene Nablisi</u>	<u>2-5-22 8:49</u>	<u>[Signature]</u>	<u>[Signature]</u>

By signing on behalf of your organization and relinquishing this chain of custody you agree to abide by the Babcock Laboratories, Inc. Terms and Conditions.

(For Lab Use Only) Sample Integrity Upon Receipt/Acceptance Criteria

Sample(s) Submitted on Ice?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample meets laboratory acceptance criteria?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Custody Seal(s) Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>NA</u>	Permission to continue:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample(s) Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Deviation/Notes:	
Temperature: <u>3</u> °C	<input type="checkbox"/> Cooler Blank	Signature/Date:	

C2B0964

Rc'd: 02/08/2022 08:49

JLH