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NO SCALE

GEOCON
INCORPORATED



GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974
PHONE 858 558-6900 - FAX 858 558-6159

TM / RA

DSK/GTYPD

VICINITY MAP

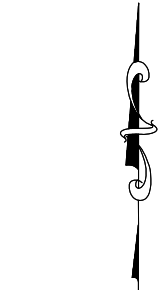
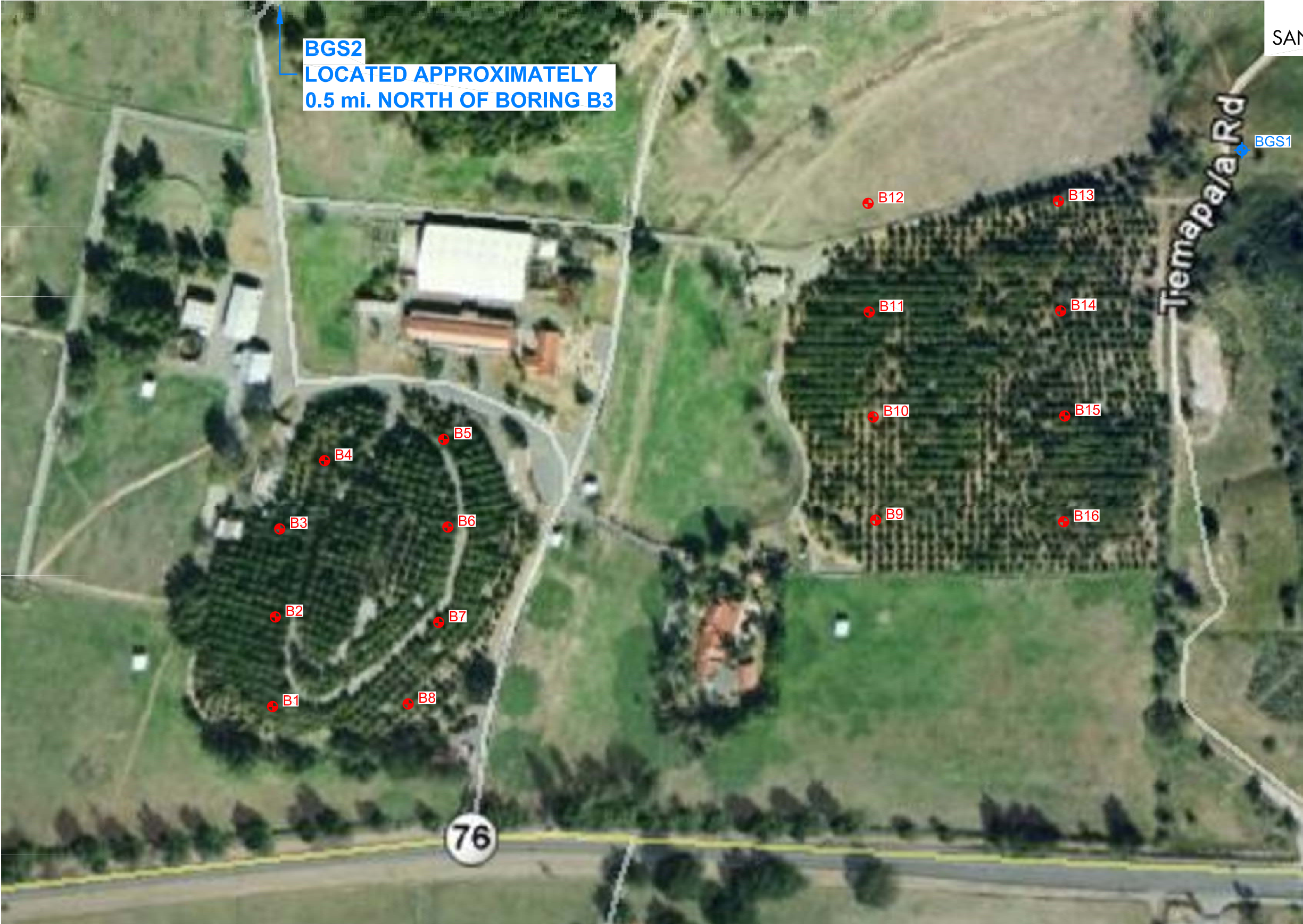
WARNER RANCH
SAN DIEGO COUNTY, CALIFORNIA

DATE SEPTEMBER 2011

PROJECT NO. 09536 - 06 - 03

FIG. 1

WARNER RANCH
SAN DIEGO COUNTY, CALIFORNIA



APPROX. SCALE: 1" = 200'

GEOCON LEGEND

B16APPROX. LOCATION OF BORING

BGS1APPROX. LOCATION OF SITE-SPECIFIC
BACKGROUND SOIL SAMPLE

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GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974
PHONE 858 558-6900 - FAX 858 558-6159
PROJECT NO. 09536 - 06 - 03



SITE PLAN
DATE SEPTEMBER 2011

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TABLE 1
SUMMARY OF ARSENIC AND PESTICIDE RESULTS
Warner Ranch
San Diego County, California

Boring ID	Depth (feet)	Arsenic (mg/kg)	Total Chlordane (µg/kg)	Dieldrin (µg/kg)	Other Organochlorine Pesticides
AGRICULTURAL AREA SAMPLES					
B1	0-0.5	<1.0	<8.5	2.5	ND
B2	0-0.5	<1.0	<8.5	<2.0	ND
B3	0-0.5	5.4	<8.5	<2.0	ND
B4	0-0.5	1.5	<8.5	<2.0	ND
B5	0-0.5	<1.0	<8.5	<2.0	ND
B6	0-0.5	<1.0	<8.5	<2.0	ND
B7	0-0.5	<1.0	105.2	39	ND
	1.0-1.5	--	<8.5	8.7	
B8	0-0.5	5.3	<8.5	2.5	ND
B9	0-0.5	4.7	<8.5	<2.0	ND
B10	0-0.5	2.9	<8.5	<2.0	ND
B11	0-0.5	<1.0	<8.5	<2.0	ND
B12	0-0.5	<1.0	<8.5	<2.0	ND
B13	0-0.5	17	221	7.1	ND
	2-2.5	<1.0	--	--	--
B14	0-0.5	7.9	<8.5	11	ND
B15	0-0.5	11	42	3.8	ND
B16	0-0.5	3.3	30.4	<2.0	ND
SITE-SPECIFIC BACKGROUND SAMPLES					
BGS 1	Surface	<1.0	--	--	--
BGS 2	Surface	<1.0	--	--	--
<u>RSLs</u>					
Residential		0.39	1,600	30	-
Risk Based for Protection of Groundwater		0.0013	13	0.17	-
<u>CHHSLs</u>					
Residential		0.070	430	35	-
<u>BACKGROUND</u>		12 ⁽¹⁾			

Notes:

-- = not analyzed
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
< = less than the laboratory reporting limit
ND = not detected at or above the laboratory reporting limit
RSLs = Regional Screening Level Table (RSL) from the Environmental Protection Agency, last updated JUNE 2011
CHHSLs = California Human Health Screening Levels (CHHSLs) from the California Environmental Protection Agency
BOLD = concentration exceeds compound specific RSL or CHHSL and published regional background concentrations
(1) = based upon the report prepared by the Department of Toxic Substances Control entitled *Determination of a Regional Background Arsenic Concentration in Soil*, dated March 2008

September 13, 2011



Matt Lesh
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (619) 818-0216
FAX: (858) 558-8437

ELAP No.:1838
NELAP No.:02107CA
CSDLAC No.:10196
ORELAP No.:CA300003

Workorder No.: 119690

RE: Warner Ranch, 09536-06-03

Attention: Matt Lesh

Enclosed are the results for sample(s) received on September 02, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-001A

Client Sample ID: B1-0.0-0.5
Collection Date: 9/1/2011 9:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_110909C	QC Batch: 75387	PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0 mg/Kg	1
			9/9/2011 01:52 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B		EPA 8081A	
RunID: GC10_110908A	QC Batch: 75396	PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0 µg/Kg	1
4,4'-DDE	ND	2.0 µg/Kg	1
4,4'-DDT	ND	2.0 µg/Kg	1
Aldrin	ND	1.0 µg/Kg	1
alpha-BHC	ND	1.0 µg/Kg	1
alpha-Chlordane	ND	1.0 µg/Kg	1
beta-BHC	ND	1.0 µg/Kg	1
Chlordane	ND	8.5 µg/Kg	1
delta-BHC	ND	1.0 µg/Kg	1
Dieldrin	2.5	2.0 µg/Kg	1
Endosulfan I	ND	1.0 µg/Kg	1
Endosulfan II	ND	2.0 µg/Kg	1
Endosulfan sulfate	ND	2.0 µg/Kg	1
Endrin	ND	2.0 µg/Kg	1
Endrin aldehyde	ND	2.0 µg/Kg	1
Endrin ketone	ND	2.0 µg/Kg	1
gamma-BHC	ND	1.0 µg/Kg	1
gamma-Chlordane	ND	1.0 µg/Kg	1
Heptachlor	ND	1.0 µg/Kg	1
Heptachlor epoxide	ND	1.0 µg/Kg	1
Methoxychlor	ND	5.0 µg/Kg	1
Toxaphene	ND	50 µg/Kg	1
Surr: Decachlorobiphenyl	79.0	31-107 %REC	1
Surr: Tetrachloro-m-xylene	78.6	35-108 %REC	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-003A

Client Sample ID: B2-0.0-0.5
Collection Date: 9/1/2011 9:05:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_110909C	QC Batch: 75387	PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0 mg/Kg	1
			9/9/2011 04:16 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B		EPA 8081A	
RunID: GC10_110908A	QC Batch: 75396	PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0 µg/Kg	1
4,4'-DDE	ND	2.0 µg/Kg	1
4,4'-DDT	ND	2.0 µg/Kg	1
Aldrin	ND	1.0 µg/Kg	1
alpha-BHC	ND	1.0 µg/Kg	1
alpha-Chlordane	ND	1.0 µg/Kg	1
beta-BHC	ND	1.0 µg/Kg	1
Chlordane	ND	8.5 µg/Kg	1
delta-BHC	ND	1.0 µg/Kg	1
Dieldrin	ND	2.0 µg/Kg	1
Endosulfan I	ND	1.0 µg/Kg	1
Endosulfan II	ND	2.0 µg/Kg	1
Endosulfan sulfate	ND	2.0 µg/Kg	1
Endrin	ND	2.0 µg/Kg	1
Endrin aldehyde	ND	2.0 µg/Kg	1
Endrin ketone	ND	2.0 µg/Kg	1
gamma-BHC	ND	1.0 µg/Kg	1
gamma-Chlordane	ND	1.0 µg/Kg	1
Heptachlor	ND	1.0 µg/Kg	1
Heptachlor epoxide	ND	1.0 µg/Kg	1
Methoxychlor	ND	5.0 µg/Kg	1
Toxaphene	ND	50 µg/Kg	1
Surr: Decachlorobiphenyl	68.7	31-107 %REC	1
Surr: Tetrachloro-m-xylene	69.5	35-108 %REC	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-005A

Client Sample ID: B3-0.0-0.5
Collection Date: 9/1/2011 8:59:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_110909C	QC Batch: 75387	PrepDate: 9/8/2011	Analyst: IL
Arsenic	5.4	1.0	mg/Kg
		1	9/9/2011 04:26 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B		EPA 8081A	
RunID: GC10_110908A	QC Batch: 75396	PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg
4,4'-DDE	ND	2.0	µg/Kg
4,4'-DDT	ND	2.0	µg/Kg
Aldrin	ND	1.0	µg/Kg
alpha-BHC	ND	1.0	µg/Kg
alpha-Chlordane	ND	1.0	µg/Kg
beta-BHC	ND	1.0	µg/Kg
Chlordane	ND	8.5	µg/Kg
delta-BHC	ND	1.0	µg/Kg
Dieldrin	ND	2.0	µg/Kg
Endosulfan I	ND	1.0	µg/Kg
Endosulfan II	ND	2.0	µg/Kg
Endosulfan sulfate	ND	2.0	µg/Kg
Endrin	ND	2.0	µg/Kg
Endrin aldehyde	ND	2.0	µg/Kg
Endrin ketone	ND	2.0	µg/Kg
gamma-BHC	ND	1.0	µg/Kg
gamma-Chlordane	ND	1.0	µg/Kg
Heptachlor	ND	1.0	µg/Kg
Heptachlor epoxide	ND	1.0	µg/Kg
Methoxychlor	ND	5.0	µg/Kg
Toxaphene	ND	50	µg/Kg
Surr: Decachlorobiphenyl	73.3	31-107	%REC
Surr: Tetrachloro-m-xylene	70.2	35-108	%REC

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-007A

Client Sample ID: B4-0.0-0.5
Collection Date: 9/1/2011 8:54:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_110909C	QC Batch: 75387	PrepDate: 9/8/2011	Analyst: IL
Arsenic	1.5	1.0	mg/Kg
		1	9/9/2011 04:29 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B		EPA 8081A	
RunID: GC10_110908A	QC Batch: 75396	PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg
4,4'-DDE	ND	2.0	µg/Kg
4,4'-DDT	ND	2.0	µg/Kg
Aldrin	ND	1.0	µg/Kg
alpha-BHC	ND	1.0	µg/Kg
alpha-Chlordane	ND	1.0	µg/Kg
beta-BHC	ND	1.0	µg/Kg
Chlordane	ND	8.5	µg/Kg
delta-BHC	ND	1.0	µg/Kg
Dieldrin	ND	2.0	µg/Kg
Endosulfan I	ND	1.0	µg/Kg
Endosulfan II	ND	2.0	µg/Kg
Endosulfan sulfate	ND	2.0	µg/Kg
Endrin	ND	2.0	µg/Kg
Endrin aldehyde	ND	2.0	µg/Kg
Endrin ketone	ND	2.0	µg/Kg
gamma-BHC	ND	1.0	µg/Kg
gamma-Chlordane	ND	1.0	µg/Kg
Heptachlor	ND	1.0	µg/Kg
Heptachlor epoxide	ND	1.0	µg/Kg
Methoxychlor	ND	5.0	µg/Kg
Toxaphene	ND	50	µg/Kg
Surr: Decachlorobiphenyl	81.7	31-107	%REC
Surr: Tetrachloro-m-xylene	83.6	35-108	%REC

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-009A

Client Sample ID: B5-0.0-0.5
Collection Date: 9/1/2011 10:38:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_110909C	QC Batch: 75387	PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0 mg/Kg	1
			9/9/2011 04:32 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B		EPA 8081A	
RunID: GC10_110908A	QC Batch: 75396	PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0 µg/Kg	1
4,4'-DDE	ND	2.0 µg/Kg	1
4,4'-DDT	ND	2.0 µg/Kg	1
Aldrin	ND	1.0 µg/Kg	1
alpha-BHC	ND	1.0 µg/Kg	1
alpha-Chlordane	ND	1.0 µg/Kg	1
beta-BHC	ND	1.0 µg/Kg	1
Chlordane	ND	8.5 µg/Kg	1
delta-BHC	ND	1.0 µg/Kg	1
Dieldrin	ND	2.0 µg/Kg	1
Endosulfan I	ND	1.0 µg/Kg	1
Endosulfan II	ND	2.0 µg/Kg	1
Endosulfan sulfate	ND	2.0 µg/Kg	1
Endrin	ND	2.0 µg/Kg	1
Endrin aldehyde	ND	2.0 µg/Kg	1
Endrin ketone	ND	2.0 µg/Kg	1
gamma-BHC	ND	1.0 µg/Kg	1
gamma-Chlordane	ND	1.0 µg/Kg	1
Heptachlor	ND	1.0 µg/Kg	1
Heptachlor epoxide	ND	1.0 µg/Kg	1
Methoxychlor	ND	5.0 µg/Kg	1
Toxaphene	ND	50 µg/Kg	1
Surr: Decachlorobiphenyl	65.9	31-107 %REC	1
Surr: Tetrachloro-m-xylene	75.9	35-108 %REC	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-011A

Client Sample ID: B6-0.0-0.5
Collection Date: 9/1/2011 10:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909C	QC Batch: 75387				PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0		mg/Kg	1	9/9/2011 04:35 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396				PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
4,4'-DDE	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
4,4'-DDT	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Aldrin	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
alpha-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
beta-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Chlordane	ND	8.5		µg/Kg	1	9/8/2011 07:16 PM
delta-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Dieldrin	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Endosulfan I	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Endosulfan II	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Endrin	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
Endrin ketone	ND	2.0		µg/Kg	1	9/8/2011 07:16 PM
gamma-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Heptachlor	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	9/8/2011 07:16 PM
Methoxychlor	ND	5.0		µg/Kg	1	9/8/2011 07:16 PM
Toxaphene	ND	50		µg/Kg	1	9/8/2011 07:16 PM
Surr: Decachlorobiphenyl	65.8	31-107		%REC	1	9/8/2011 07:16 PM
Surr: Tetrachloro-m-xylene	68.2	35-108		%REC	1	9/8/2011 07:16 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-013A

Client Sample ID: B7-0.0-0.5
Collection Date: 9/1/2011 9:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909C	QC Batch: 75387				PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0		mg/Kg	1	9/9/2011 04:39 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396				PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
4,4'-DDE	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
4,4'-DDT	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
Aldrin	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
alpha-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
alpha-Chlordane	18	1.0		µg/Kg	1	9/8/2011 07:30 PM
beta-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
Chlordane	80	8.5		µg/Kg	1	9/8/2011 07:30 PM
delta-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
Dieldrin	39	2.0		µg/Kg	1	9/8/2011 07:30 PM
Endosulfan I	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
Endosulfan II	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
Endrin	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
Endrin ketone	ND	2.0		µg/Kg	1	9/8/2011 07:30 PM
gamma-BHC	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
gamma-Chlordane	7.2	1.0		µg/Kg	1	9/8/2011 07:30 PM
Heptachlor	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	9/8/2011 07:30 PM
Methoxychlor	ND	5.0		µg/Kg	1	9/8/2011 07:30 PM
Toxaphene	ND	50		µg/Kg	1	9/8/2011 07:30 PM
Surr: Decachlorobiphenyl	77.8	31-107		%REC	1	9/8/2011 07:30 PM
Surr: Tetrachloro-m-xylene	75.0	35-108		%REC	1	9/8/2011 07:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-015A

Client Sample ID: B8-0.0-0.5
Collection Date: 9/1/2011 9:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS**EPA 3050B****EPA 6010B**

RunID: ICP8_110909C	QC Batch: 75387			PrepDate: 9/8/2011	Analyst: IL
Arsenic	5.3	1.0	mg/Kg	1	9/9/2011 04:42 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD**EPA 3550B****EPA 8081A**

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
4,4'-DDE	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
4,4'-DDT	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
Aldrin	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
alpha-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
alpha-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
beta-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Chlordane	ND	8.5	µg/Kg	1	9/8/2011 07:44 PM
delta-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Dieldrin	2.5	2.0	µg/Kg	1	9/8/2011 07:44 PM
Endosulfan I	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Endosulfan II	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
Endosulfan sulfate	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
Endrin	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
Endrin aldehyde	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
Endrin ketone	ND	2.0	µg/Kg	1	9/8/2011 07:44 PM
gamma-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
gamma-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Heptachlor	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Heptachlor epoxide	ND	1.0	µg/Kg	1	9/8/2011 07:44 PM
Methoxychlor	ND	5.0	µg/Kg	1	9/8/2011 07:44 PM
Toxaphene	ND	50	µg/Kg	1	9/8/2011 07:44 PM
Surr: Decachlorobiphenyl	74.9	31-107	%REC	1	9/8/2011 07:44 PM
Surr: Tetrachloro-m-xylene	74.5	35-108	%REC	1	9/8/2011 07:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-017A

Client Sample ID: B9-0.0-0.5
Collection Date: 9/1/2011 12:06:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B						
RunID: ICP8_110909C	QC Batch: 75387				PrepDate: 9/8/2011	Analyst: IL
Arsenic	4.7	1.0		mg/Kg	1	9/9/2011 04:45 PM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B						
RunID: GC10_110908A	QC Batch: 75396				PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
4,4'-DDE	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
4,4'-DDT	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Aldrin	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
alpha-BHC	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
beta-BHC	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Chlordane	ND	8.5		µg/Kg	1	9/8/2011 05:53 PM
delta-BHC	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Dieldrin	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Endosulfan I	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Endosulfan II	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Endrin	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
Endrin ketone	ND	2.0		µg/Kg	1	9/8/2011 05:53 PM
gamma-BHC	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Heptachlor	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	9/8/2011 05:53 PM
Methoxychlor	ND	5.0		µg/Kg	1	9/8/2011 05:53 PM
Toxaphene	ND	50		µg/Kg	1	9/8/2011 05:53 PM
Surr: Decachlorobiphenyl	82.2	31-107		%REC	1	9/8/2011 05:53 PM
Surr: Tetrachloro-m-xylene	95.7	35-108		%REC	1	9/8/2011 05:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-019A

Client Sample ID: B10-0.0-0.5
Collection Date: 9/1/2011 11:51:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS**EPA 3050B****EPA 6010B**

RunID: ICP8_110909C	QC Batch: 75387			PrepDate: 9/8/2011	Analyst: IL
Arsenic	2.9	1.0	mg/Kg	1	9/9/2011 04:48 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD**EPA 3550B****EPA 8081A**

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
4,4'-DDE	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
4,4'-DDT	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Aldrin	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
alpha-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
alpha-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
beta-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Chlordane	ND	8.5	µg/Kg	1	9/8/2011 07:58 PM
delta-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Dieldrin	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Endosulfan I	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Endosulfan II	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Endosulfan sulfate	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Endrin	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Endrin aldehyde	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
Endrin ketone	ND	2.0	µg/Kg	1	9/8/2011 07:58 PM
gamma-BHC	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
gamma-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Heptachlor	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Heptachlor epoxide	ND	1.0	µg/Kg	1	9/8/2011 07:58 PM
Methoxychlor	ND	5.0	µg/Kg	1	9/8/2011 07:58 PM
Toxaphene	ND	50	µg/Kg	1	9/8/2011 07:58 PM
Surr: Decachlorobiphenyl	71.9	31-107	%REC	1	9/8/2011 07:58 PM
Surr: Tetrachloro-m-xylene	76.3	35-108	%REC	1	9/8/2011 07:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-021A

Client Sample ID: B11-0.0-0.5
Collection Date: 9/1/2011 12:12:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS**EPA 3050B****EPA 6010B**

RunID: ICP8_110909C	QC Batch: 75387			PrepDate: 9/8/2011	Analyst: IL
Arsenic	ND	1.0	mg/Kg	1	9/9/2011 01:13 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD**EPA 3550B****EPA 8081A**

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
4,4'-DDE	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
4,4'-DDT	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Aldrin	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
alpha-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
alpha-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
beta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Chlordane	ND	8.5	µg/Kg	1	9/8/2011 08:12 PM
delta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Dieldrin	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Endosulfan I	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Endosulfan II	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Endosulfan sulfate	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Endrin	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Endrin aldehyde	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
Endrin ketone	ND	2.0	µg/Kg	1	9/8/2011 08:12 PM
gamma-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
gamma-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Heptachlor	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Heptachlor epoxide	ND	1.0	µg/Kg	1	9/8/2011 08:12 PM
Methoxychlor	ND	5.0	µg/Kg	1	9/8/2011 08:12 PM
Toxaphene	ND	50	µg/Kg	1	9/8/2011 08:12 PM
Surr: Decachlorobiphenyl	84.9	31-107	%REC	1	9/8/2011 08:12 PM
Surr: Tetrachloro-m-xylene	88.1	35-108	%REC	1	9/8/2011 08:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-023A

Client Sample ID: B12-0.0-0.5
Collection Date: 9/1/2011 12:54:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909G	QC Batch: 75388			PrepDate: 9/8/2011	Analyst: CBB
Arsenic	ND	1.0	mg/Kg	1	9/9/2011 05:11 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
4,4'-DDE	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
4,4'-DDT	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Aldrin	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
alpha-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
alpha-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
beta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Chlordane	ND	8.5	µg/Kg	1	9/8/2011 08:26 PM
delta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Dieldrin	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Endosulfan I	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Endosulfan II	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Endosulfan sulfate	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Endrin	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Endrin aldehyde	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
Endrin ketone	ND	2.0	µg/Kg	1	9/8/2011 08:26 PM
gamma-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
gamma-Chlordane	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Heptachlor	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Heptachlor epoxide	ND	1.0	µg/Kg	1	9/8/2011 08:26 PM
Methoxychlor	ND	5.0	µg/Kg	1	9/8/2011 08:26 PM
Toxaphene	ND	50	µg/Kg	1	9/8/2011 08:26 PM
Surr: Decachlorobiphenyl	79.8	31-107	%REC	1	9/8/2011 08:26 PM
Surr: Tetrachloro-m-xylene	78.8	35-108	%REC	1	9/8/2011 08:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-025A

Client Sample ID: B13-0.0-0.5
Collection Date: 9/1/2011 12:42:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909G	QC Batch: 75388				PrepDate: 9/8/2011	Analyst: CBB
Arsenic	17	1.0		mg/Kg	1	9/9/2011 05:14 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396				PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
4,4'-DDE	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
4,4'-DDT	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
Aldrin	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
alpha-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
alpha-Chlordane	16	1.0		µg/Kg	1	9/8/2011 09:21 PM
beta-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
Chlordane	180	8.5		µg/Kg	1	9/8/2011 09:21 PM
delta-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
Dieldrin	7.1	2.0		µg/Kg	1	9/8/2011 09:21 PM
Endosulfan I	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
Endosulfan II	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
Endrin	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
Endrin ketone	ND	2.0		µg/Kg	1	9/8/2011 09:21 PM
gamma-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
gamma-Chlordane	25	1.0		µg/Kg	1	9/8/2011 09:21 PM
Heptachlor	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	9/8/2011 09:21 PM
Methoxychlor	ND	5.0		µg/Kg	1	9/8/2011 09:21 PM
Toxaphene	ND	50		µg/Kg	1	9/8/2011 09:21 PM
Surr: Decachlorobiphenyl	72.6	31-107		%REC	1	9/8/2011 09:21 PM
Surr: Tetrachloro-m-xylene	71.2	35-108		%REC	1	9/8/2011 09:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-027A

Client Sample ID: B14-0.0-0.5
Collection Date: 9/1/2011 12:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS**EPA 3050B****EPA 6010B**

RunID: ICP8_110909G	QC Batch: 75388			PrepDate: 9/8/2011	Analyst: CBB
Arsenic	7.9	1.0		mg/Kg 1	9/9/2011 05:17 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD**EPA 3550B****EPA 8081A**

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
4,4'-DDE	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
4,4'-DDT	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
Aldrin	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
alpha-BHC	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
alpha-Chlordane	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
beta-BHC	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Chlordane	ND	8.5		µg/Kg 1	9/8/2011 08:40 PM
delta-BHC	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Dieldrin	11	2.0		µg/Kg 1	9/8/2011 08:40 PM
Endosulfan I	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Endosulfan II	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
Endosulfan sulfate	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
Endrin	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
Endrin aldehyde	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
Endrin ketone	ND	2.0		µg/Kg 1	9/8/2011 08:40 PM
gamma-BHC	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
gamma-Chlordane	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Heptachlor	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Heptachlor epoxide	ND	1.0		µg/Kg 1	9/8/2011 08:40 PM
Methoxychlor	ND	5.0		µg/Kg 1	9/8/2011 08:40 PM
Toxaphene	ND	50		µg/Kg 1	9/8/2011 08:40 PM
Surr: Decachlorobiphenyl	80.2	31-107		%REC 1	9/8/2011 08:40 PM
Surr: Tetrachloro-m-xylene	85.3	35-108		%REC 1	9/8/2011 08:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-029A

Client Sample ID: B15-0.0-0.5
Collection Date: 9/1/2011 12:27:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909G	QC Batch: 75388			PrepDate: 9/8/2011	Analyst: CBB
Arsenic	11	1.0	mg/Kg	1	9/9/2011 05:20 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396			PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
4,4'-DDE	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
4,4'-DDT	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
Aldrin	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
alpha-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
alpha-Chlordane	2.0	1.0	µg/Kg	1	9/8/2011 08:53 PM
beta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
Chlordane	38	8.5	µg/Kg	1	9/8/2011 08:53 PM
delta-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
Dieldrin	3.8	2.0	µg/Kg	1	9/8/2011 08:53 PM
Endosulfan I	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
Endosulfan II	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
Endosulfan sulfate	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
Endrin	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
Endrin aldehyde	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
Endrin ketone	ND	2.0	µg/Kg	1	9/8/2011 08:53 PM
gamma-BHC	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
gamma-Chlordane	2.0	1.0	µg/Kg	1	9/8/2011 08:53 PM
Heptachlor	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
Heptachlor epoxide	ND	1.0	µg/Kg	1	9/8/2011 08:53 PM
Methoxychlor	ND	5.0	µg/Kg	1	9/8/2011 08:53 PM
Toxaphene	ND	50	µg/Kg	1	9/8/2011 08:53 PM
Surr: Decachlorobiphenyl	66.7	31-107	%REC	1	9/8/2011 08:53 PM
Surr: Tetrachloro-m-xylene	67.9	35-108	%REC	1	9/8/2011 08:53 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-031A

Client Sample ID: B16-0.0-0.5
Collection Date: 9/1/2011 12:07:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_110909G	QC Batch: 75388				PrepDate: 9/8/2011	Analyst: CBB
Arsenic	3.3	1.0		mg/Kg	1	9/9/2011 05:23 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID: GC10_110908A	QC Batch: 75396				PrepDate: 9/8/2011	Analyst: HL
4,4'-DDD	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
4,4'-DDE	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
4,4'-DDT	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Aldrin	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
alpha-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
alpha-Chlordane	3.1	1.0		µg/Kg	1	9/8/2011 09:07 PM
beta-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
Chlordane	26	8.5		µg/Kg	1	9/8/2011 09:07 PM
delta-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
Dieldrin	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Endosulfan I	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
Endosulfan II	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Endrin	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
Endrin ketone	ND	2.0		µg/Kg	1	9/8/2011 09:07 PM
gamma-BHC	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
gamma-Chlordane	1.3	1.0		µg/Kg	1	9/8/2011 09:07 PM
Heptachlor	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	9/8/2011 09:07 PM
Methoxychlor	ND	5.0		µg/Kg	1	9/8/2011 09:07 PM
Toxaphene	ND	50		µg/Kg	1	9/8/2011 09:07 PM
Surr: Decachlorobiphenyl	63.5	31-107		%REC	1	9/8/2011 09:07 PM
Surr: Tetrachloro-m-xylene	62.2	35-108		%REC	1	9/8/2011 09:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-033A

Client Sample ID: BGS 1
Collection Date: 9/1/2011 1:07:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			EPA 6010B		
RunID: ICP8_110909G	QC Batch: 75388			PrepDate: 9/8/2011		Analyst: CBB
Arsenic	ND	1.0		mg/Kg	1	9/9/2011 05:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 13-Sep-11

CLIENT: Geocon Consultants, Inc.
Lab Order: 119690
Project: Warner Ranch, 09536-06-03
Lab ID: 119690-034A

Client Sample ID: BGS 2
Collection Date: 9/1/2011 1:43:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			EPA 6010B		
RunID: ICP8_110909G	QC Batch: 75388			PrepDate: 9/8/2011		Analyst: CBB
Arsenic	ND	1.0		mg/Kg	1	9/9/2011 05:29 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Geocon Consultants, Inc.
Work Order: 119690
Project: Warner Ranch, 09536-06-03

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_S**

Sample ID: MB-75387	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136497						
Client ID: PBS	Batch ID: 75387	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2237934						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									

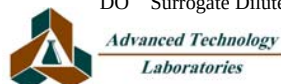
Sample ID: LCS-75387	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136497						
Client ID: LCSS	Batch ID: 75387	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2237935						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.629	1.0	50.00	0	91.3	80	120				

Sample ID: 119690-021A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136497						
Client ID: B11-0.0-0.5	Batch ID: 75387	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2237938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	91.853	1.0	125.0	0.9513	72.7	49	106				

Sample ID: 119690-021A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136497						
Client ID: B11-0.0-0.5	Batch ID: 75387	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2237939						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	90.947	1.0	125.0	0.9513	72.0	49	106	91.85	0.992	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



CLIENT: Geocon Consultants, Inc.
Work Order: 119690
Project: Warner Ranch, 09536-06-03

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-75388	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136530
Client ID: PBS	Batch ID: 75388	TestNo: EPA 6010B EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2238597	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	ND	1.0			

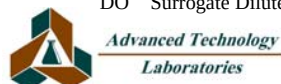
Sample ID: LCS-75388	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136530
Client ID: LCSS	Batch ID: 75388	TestNo: EPA 6010B EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2238598	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	48.227	1.0	50.00	0	96.5 80 120

Sample ID: 119698-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136530
Client ID: ZZZZZZ	Batch ID: 75388	TestNo: EPA 6010B EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2238609	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	108.037	1.0	125.0	0.8164	85.8 49 106

Sample ID: 119698-001A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 9/8/2011	RunNo: 136530
Client ID: ZZZZZZ	Batch ID: 75388	TestNo: EPA 6010B EPA 3050B	Analysis Date: 9/9/2011	SeqNo: 2238610	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	122.568	1.0	125.0	0.8164	97.4 49 106 108.0 12.6 20

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 119690
Project: Warner Ranch, 09536-06-03

ANALYTICAL QC SUMMARY REPORT

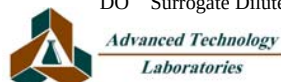
TestCode: 8081_S

Sample ID: MB-75396		SampType: MBLK	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504		
Client ID: PBS	Batch ID: 75396		TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238052		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	5.0									
Toxaphene	ND	50									
Surr: Tetrachloro-m-xylene	10.721		16.67		64.3	35	108				
Surr: Decachlorobiphenyl	11.050		16.67		66.3	31	107				

Sample ID: LCS-75396		SampType: LCS	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504			
Client ID: LCSS	Batch ID: 75396		TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238053			
Analyte	Result	PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	13.747	1.0	16.67	0		82.5	59	105				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 119690
Project: Warner Ranch, 09536-06-03

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

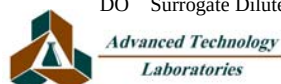
Sample ID: LCS-75396		SampType: LCS	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504		
Client ID: LCSS	Batch ID: 75396		TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238053		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	13.736	2.0	16.67	0	82.4	56	112				
Endrin	13.780	2.0	16.67	0	82.7	53	116				
gamma-BHC	13.874	1.0	16.67	0	83.2	59	110				
Heptachlor	14.183	1.0	16.67	0	85.1	53	118				
Surr: Tetrachloro-m-xylene	11.800		16.67		70.8	35	108				
Surr: Decachlorobiphenyl	11.671		16.67		70.0	31	107				

Sample ID: 119690-017AMS		SampType: MS	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504		
Client ID: B9-0.0-0.5	Batch ID: 75396		TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238054		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.439	2.0	16.67	0	92.6	38	130				
Aldrin	13.020	1.0	16.67	0	78.1	35	122				
Dieldrin	13.948	2.0	16.67	0	83.7	31	138				
Endrin	18.087	2.0	16.67	0	109	39	132				
gamma-BHC	13.003	1.0	16.67	0	78.0	36	126				
Heptachlor	14.906	1.0	16.67	0	89.4	34	131				
Surr: Tetrachloro-m-xylene	12.292		16.67		73.7	35	108				
Surr: Decachlorobiphenyl	11.002		16.67		66.0	31	107				

Sample ID: 119690-017AMSD	SampType: MSD	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504			
Client ID: B9-0.0-0.5	Batch ID: 75396	TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238055			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.489	2.0	16.67	0	92.9	38	130	15.44	0.320	20	
Aldrin	12.938	1.0	16.67	0	77.6	35	122	13.02	0.636	20	
Dieldrin	13.680	2.0	16.67	0	82.1	31	138	13.95	1.94	20	
Endrin	17.761	2.0	16.67	0	107	39	132	18.09	1.82	20	
gamma-BHC	13.040	1.0	16.67	0	78.2	36	126	13.00	0.280	20	
Heptachlor	15.017	1.0	16.67	0	90.1	34	131	14.91	0.736	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



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CLIENT: Geocon Consultants, Inc.
Work Order: 119690
Project: Warner Ranch, 09536-06-03

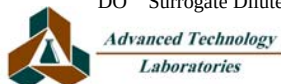
ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: 119690-017AMSD		SampType: MSD	TestCode: 8081_S		Units: µg/Kg	Prep Date: 9/8/2011			RunNo: 136504			
Client ID: B9-0.0-0.5		Batch ID: 75396	TestNo: EPA 8081A		EPA 3550B	Analysis Date: 9/8/2011			SeqNo: 2238055			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene		12.383		16.67		74.3	35	108		0	0	
Surr: Decachlorobiphenyl		10.844		16.67		65.1	31	107		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD

Pg 1 of 4



**Advanced Technology
Laboratories**

3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By:

Date:

Method of Transport

Client ☐
ATL ☒
CA OverN ☐
FEDEX ☐
Other: _____

Sample Condition Upon Receipt

1. CHILLED ☒ Y ☒ N ☐ 4. CUSTODY SEAL ☒ Y ☐ N ☐
2. HEADSPACE (VOA) ☒ Y ☒ N ☐ 5. # OF SPLS MATCH COC ☒ Y ☐ N ☐
3. CONTAINER INTACT ☒ Y ☒ N ☐ 6. PRESERVED ☒ Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Address: 6970 Flanders Drive

TEL: (858) 558 - 6100

Attn: Matt Lesh

City San Diego

State CA

Zip Code 92121

FAX: (858) 558 - 8437

Project Name: Warner Ranch

Project #: C9536-0603

Sampler: (Printed Name) Elizaveta Ibat

(Signature)

Relinquished by: (Signature and Printed Name)

Date: 9/2/11

Time: 1005

Received by: (Signature and Printed Name)

Date: 9/2/11

Time: 1005

Relinquished by: (Signature and Printed Name)

Date: 9/2/11

Time: 1710

Received by: (Signature and Printed Name)

Date: 9/2/11

Time: 1710

Relinquished by: (Signature and Printed Name)

Date: _____

Time: _____

Received by: (Signature and Printed Name)

Date: _____

Time: _____

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

Elizaveta Ibat
Print Name Date
Elizaveta Ibat
Signature

Send Report To:

Attn: _____

Co: Same

Address: + Matt Lesh

City _____ State _____ Zip _____

Bill To:

Attn: _____

Co: Same

Address: _____

City _____ State _____ Zip _____

Special Instructions/Comments:

Hold other samples until we receive surface soil sample results.

Sample/Records - Archival & Disposal

Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):

- Sample : \$2.00 / sample / mo (after 45 days)
- Records : \$1.00 / ATL workorder / mo (after 1 year)

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:	Lab No.	Sample I.D. / Location	Date	Time
		119690-007	B1-0.0-0.5	9/1	920
		2	B1-2.0-2.5		926
		3	B2-0.0-0.5		905
		4	B2-2.0-2.5		910
		5	B3-0.0-0.5		859
		6	B3-2.0-2.5		907
		7	B4-0.0-0.5		854
		8	B4-2.0-2.5		856
		9	B5-0.0-0.5		1038
		10	B5-2.0-2.5		1044

Circle or Add Analysis(es) Requested

8081A (Pesticides)
8082 (PCB)
8260B (Volatiles)
8270C (BNA)
6010B (Total Metals)
8015B (GRO) / 8020 (BTEX)
8015B (DRO)
8021 (BTEX)
TITLE 22 / CAM 17 (6010 / 7000)
GOLD ARSENIC

SPECIFY APPROPRIATE MATRIX

SOLID SOIL
DRINKING WATER
GROUND WATER
WASTEWATER
STORMWATER
AQUEOUS

Container(s)

TAT

#

Type

QA/QC

RTNE ☐
CT ☐

SWRCB ☐
Logcode _____

OTHER _____

REMARKS

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A=

Overnight
≤ 24 hr

B=

Emergency
Next workday

C=

Critical
2 Workdays

D=

Urgent
3 Workdays

E=

Routine
7 Workdays

Preservatives:

H=HCl N=HNO₃ S=H₂SO₄ C=4°C
Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Bedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

CHAIN OF CUSTODY RECORD

Pg 2 of 4



**Advanced Technology
Laboratories**

3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____

Date: _____

Method of Transport

Client ☐

ATL ☒

CA OverN ☐

FEDEX ☐

Other: _____

Sample Condition Upon Receipt

1. CHILLED

Y ☒ N ☐

4. CUSTODY SEAL

Y ☐ N ☒

2. HEADSPACE (VOA)

Y ☐ N ☐

5. # OF SPLS MATCH COC

Y ☒ N ☐

3. CONTAINER INTACT

Y ☒ N ☐

6. PRESERVED

Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Address: 6970 Flanders Drive

TEL: (858) 558 - 6100

Attn: Matt Lesh

City San Diego

State CA

Zip Code 92121

FAX: (858) 558 - 8437

Project Name: Warner Ranch

Project #: 09536-06-03

Sampler: (Printed Name) Ertartung

(Signature) [Signature]

Relinquished by: (Signature and Printed Name)

Date: 9/2/11

Time: 1005

Received by: (Signature and Printed Name)

Date: 9/2/11

Time: 1005

Relinquished by: (Signature and Printed Name)

Date: 9/2/11

Time: 1710

Received by: (Signature and Printed Name)

Date: 9/2/11

Time: 1710

Relinquished by: (Signature and Printed Name)

Date: _____

Time: _____

Received by: (Signature and Printed Name)

Date: _____

Time: _____

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

Send Report To:

Attn: _____

Co: Same

Address _____

City _____

State _____

Zip _____

Bill To:

Attn: _____

Co: Same

Address _____

City _____

State _____

Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal

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Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA / QC

RTNE ☐

CT ☐

SWRCB ☐

Logcode _____

OTHER _____

REMARKS

ITEM	LAB USE ONLY:		Sample Description			SPECIFY APPROPRIATE MATRIX										Container(s)		PREP	REMARKS									
	Batch #:	Lab No.	Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8208B (Volatiles)	8270C (BVA)	8010B (Total Metal)	8015B (GRO) / 8020 (STEX)	8015B (DRO)	8021 (BTX)	TITLE 22 / CAM 17 (8010 / 7000)	SOLID	SOIL	DRINKING WATER			GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	#	Type		
	OTHER _____																											
	119090-	11	B6-0.0-0.5	9/1	1035	/										/	/											
		12	B6-2.0-2.5		1045												/	/										
		13	B7-0.0-0.5		0945	/											/	/										
		14	B7-1.0		0955												/	/										
		15	B8-0.0-0.5		0950	/											/	/										
		16	B8-1.5		0957												/	/										
		17	B9-0.0-0.5		1206	/											/	/										
		18	B9-2.0-2.5		1213												/	/										
		19	B10-0.0-0.5		1151	/											/	/										
		20	B10-2.0-2.5		1155												/	/										

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TAT: A=

Overnight
≤ 24 hr

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Emergency
Next workday

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