



GeoTek Residential, LLC
6835 South Escondido Street, Suite B
Las Vegas, Nevada 89119
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RECEIVED

JAN 15 2020

October 1, 2019
Project No. 14606.I-LVR2

Subject: **ENVIRONMENTAL SOIL TESTING**
Black Mountain Golf & Country Club
501 East Country Club Drive
Henderson, Nevada

Thank you for your continued interest in GEOTEK RESIDENTIAL, LLC (GEOTEK). As requested, we are pleased to present this summary report for the environmental soil testing at the referenced subject Site.

The Site has historically been part of a golf course. In order to determine the presence of organochlorine pesticides (OCPs) and organophosphorus pesticides (OPPs) and heavy metals, GEOTEK collected soil samples at the Site on September 18, 2019. Samples were collected from a depth of zero to roughly six (6) inches below ground surface (bgs). See Figure 1, attached, for approximate sample locations.

Six soil samples were transported under Chain-of-Custody protocols to Veritas Laboratories of Las Vegas, Nevada for analysis of OCPs, OPPs, and RCRA 8 Metals in accordance with United States Environmental Protection Agency (EPA) Methods 8081, 8141, and 6010B/7471A, respectively.

Analysis of the soil samples did not identify constituents of OCPs or OPPs. Small amounts of select metals were detected, summarized as follows:

SAMPLE NO.	BARIUM (mg/kg)	CHROMIUM (mg/kg)	LEAD (mg/kg)	MERCURY (mg/kg)
Fairway	240	33	29	0.149
Green	19	2.6	ND (6.0)	ND (0.0300)
RSL/BCL	1,500	None Established	400	1.1/3.13

Mg/kg = milligrams per kilogram
ND = Not Detected (detection limit)
RSL = EPA Regional Screening Level, residential soil
BCL = NDEP Basic Comparison Levels, residential soils

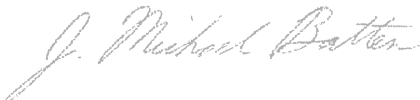
Based on the soil sampling analysis, it is our opinion that the Site has not been adversely impacted by the use of chemical pesticides or non-native heavy metals in the past. Therefore, the historic use of these chemicals does not constitute a recognized environmental condition. The laboratory report is attached.

The following statement is contained in this report per Nevada Administrative Code (NAC) Chapter 459.97285:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all the applicable federal, state, and local statutes, regulations, and ordinances.

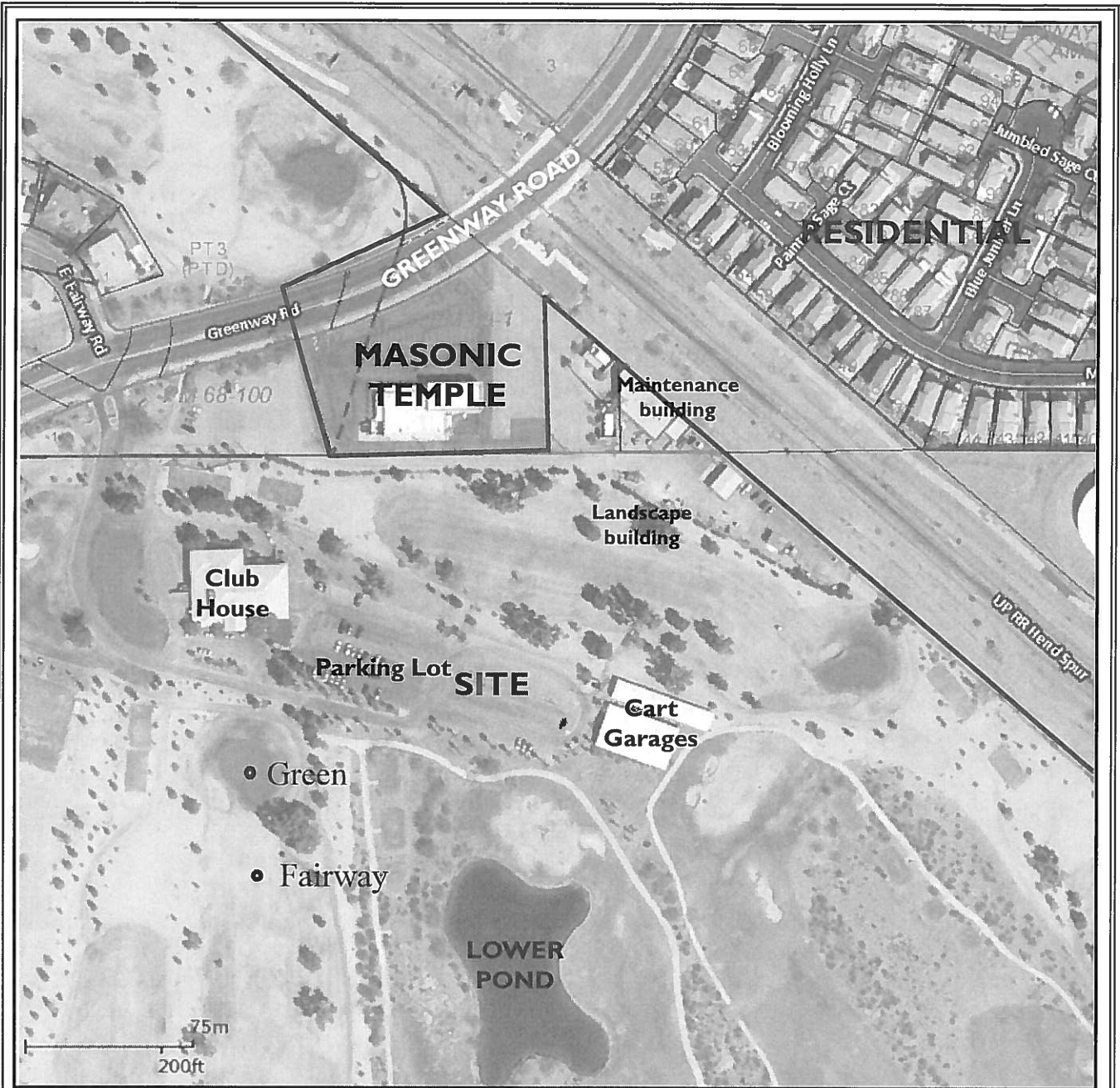
We appreciate this opportunity to be of service to you. If you have any questions, or if we can be of further service, please contact us at (702) 897-1424.

Respectfully submitted,
GEOTEK RESIDENTIAL, LLC



J. Michael Batten, CEM
Environmental Services Manager
Certified Environmental Manager No. 1782
Expires 08/31/21

Attachments: Sample Location Map
Laboratory Report



Source: Clark County OpenWeb InfoMapper 2017 and GeoTek observations
 Scale: Approximate, Location of Samples Taken As Shown



GEOTEK
 GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
 6835 South Escondido Street, Las Vegas, NV 89119
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FIGURE I
 SITE LOCATOIN MAP
 BLACK MOUNTAIN GOLF & COUNTRY CLUB
 501 GREENWAY ROAD
 HENDERSON, NEVADA

Prepared for: BLACK MOUNTAIN GOLF & COUNTRY CLUB

Project No.:	Report Date:	Drawn By:
14606.I-LV2	10/01/19	MEP



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E-mail: veritaslabs@msn.com

CLIENT NAME: GEOTEK Inc.
6835 South Escondido Street, Suite A
Las Vegas, NV 89119

PROJECT MGR: Mendy Phillips

CLIENT PROJECT NAME: **14606.1-LVR2-ESA2**
CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
VERITAS LAB ORDER ID: V191092
DATE RECEIVED AT LAB: Sep-18-2019 12:20

Presented herein are the analytical results for samples received from the above referenced project.

Unless otherwise indicated on the chain of custody or in the report case narrative, samples submitted for this project were not sampled by Veritas Laboratories, were received in good condition, properly preserved, within the proper temperature range, and within the recommended holding time for the requested analyses.

All laboratory analytical data presented herein was generated by a laboratory certified by the Nevada Division of Environmental Protection for each constituent and media reported for which a certification is required and offered. All analyses reported were performed by Veritas Laboratories unless otherwise indicated on the data pages.

Should you have any questions or comments regarding this report or if we can be of further service to you, please do not hesitate to contact me at (702) 321-8315.

Sincerely,

Bruce G. Cunningham
Laboratory Director
Veritas Laboratories
Nevada Lab Certification ID NV00918

9/25/19

Date

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Veritas Laboratories

Truth in Quality. Truth in Service

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CLIENT COMPANY NAME: GEOTEK Inc.
CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
VERITAS LAB ORDER ID: V19I092

SAMPLE SUMMARY

CLIENT SAMPLE ID	VERITAS SAMPLE ID	MATRIX	DATE/TIME COLLECTED	DATE/TIME RECEIVED
Fairway	V19I092-01	Soil	9/18/19 11:30	9/18/19 12:20
Green	V19I092-02	Soil	9/18/19 11:40	9/18/19 12:20

CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V191092

ANALYTICAL RESULTS

CLIENT SAMPLE ID: Fairway DATE/TIME SAMPLED: 9/18/19 11:30
 VERITAS SAMPLE ID: V191092-01 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Organochlorine Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
4,4-DDD	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-54-8	AST
4,4-DDE	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-55-9	AST
4,4-DDT	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	50-29-3	AST
Aldrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	309-00-2	AST
Alpha BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-84-6	AST
Beta BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-85-7	AST
Chlordane	ND	0.200	mg/kg	1	EPA 8081	9/23/19	57-74-9	AST
Delta BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-86-8	AST
Dieldrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	60-57-1	AST
Endosulfan I	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	959-98-8	AST
Endosulfan II	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	33213-65-9	AST
Endosulfan sulfate	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	1031-07-8	AST
Endrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-20-8	AST
Endrin aldehyde	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	7421-93-4	AST
Endrin ketone	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	53494-70-5	AST
Gamma BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	58-89-9	AST
Heptachlor	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	76-44-8	AST
Heptachlor epoxide	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	1024-57-3	AST
Hexachlorobenzene	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	118-74-1	AST
Methoxychlor	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-43-5	AST
Toxaphene	ND	0.400	mg/kg	1	EPA 8081	9/23/19	8001-35-2	AST
Surrogate: Decachlorobiphenyl	78.4	10-135	% Recovery	1	EPA 8081	9/23/19	2051-24-3	AST
Surrogate: Tetrachloro-m-xylene	101	10-139	% Recovery	1	EPA 8081	9/23/19	877-09-8	AST

Analysis: Organophosphorus Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
Azinphos-Methyl	ND	0.100	mg/kg	1	EPA 8141	9/24/19	86-50-0	AST
Bolstar (Sulprofos)	ND	0.100	mg/kg	1	EPA 8141	9/24/19	35400-43-2	AST
Chlorpyrifos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	2921-88-2	AST
Coumaphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	56-72-4	AST
Demeton,-O and -S	ND	0.0700	mg/kg	1	EPA 8141	9/24/19	8065-48-3	AST

CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
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ANALYTICAL RESULTS

CLIENT SAMPLE ID: Fairway DATE/TIME SAMPLED: 9/18/19 11:30
 VERITAS SAMPLE ID: V191092-01 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Organophosphorus Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
Diazinon	ND	0.100	mg/kg	1	EPA 8141	9/24/19	333-41-5	AST
Dichlorvos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	62-73-7	AST
Dimethoate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	60-51-5	AST
Disulfoton	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-04-4	AST
EPN	ND	0.100	mg/kg	1	EPA 8141	9/24/19	2104-64-5	AST
Ethoprop	ND	0.100	mg/kg	1	EPA 8141	9/24/19	13194-48-4	AST
Ethyl parathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	56-38-2	AST
Fensulfothion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	115-90-2	AST
Fenthion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	55-38-9	AST
Malathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	121-75-5	AST
Merphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	150-50-5	AST
Methyl parathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-00-0	AST
Mevinphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	7786-34-7	AST
Naled	ND	0.100	mg/kg	1	EPA 8141	9/24/19	300-76-5	AST
Phorate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-02-2	AST
Ronnel	ND	0.100	mg/kg	1	EPA 8141	9/24/19	299-84-3	AST
Stirophos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	22248-79-9	AST
Sulfotep	ND	0.100	mg/kg	1	EPA 8141	9/24/19	3689-24-5	AST
TEPP	ND	1.00	mg/kg	1	EPA 8141	9/24/19	21646-99-1	AST
Tokuthion (Prothothiofos)	ND	0.100	mg/kg	1	EPA 8141	9/24/19	34643-46-4	AST
Trichloronate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	327-98-0	AST
<i>Surrogate: Triphenyl Phosphate</i>	<i>80.4</i>	<i>36-121</i>	<i>% Recovery</i>	<i>1</i>	<i>EPA 8141</i>	<i>9/24/19</i>	<i>115-86-6</i>	<i>AST</i>

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
Arsenic, Total	ND	30	mg/Kg	10	EPA 6010B	9/24/19	7440-38-2	
Barium, Total	240	3.0	mg/Kg	10	EPA 6010B	9/24/19	7440-39-3	
Cadmium, Total	ND	3.0	mg/Kg	10	EPA 6010B	9/24/19	7440-43-9	
Chromium, Total	33	5.0	mg/Kg	10	EPA 6010B	9/24/19	7440-47-3	
Lead, Total	29	15	mg/Kg	10	EPA 6010B	9/24/19	7439-92-1	
Mercury, Total	0.149	0.0300	mg/kg	1	EPA 7471A	9/23/19	7439-97-6	AST



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CLIENT COMPANY NAME: GEOTEK Inc.
CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
VERITAS LAB ORDER ID: V19I092

ANALYTICAL RESULTS

CLIENT SAMPLE ID: Fairway DATE/TIME SAMPLED: 9/18/19 11:30
VERITAS SAMPLE ID: V19I092-01 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
Selenium, Total	ND	50	mg/Kg	10	EPA 6010B	9/24/19	7782-49-2	
Silver, Total	ND	10	mg/Kg	10	EPA 6010B	9/24/19	7440-22-4	

CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

ANALYTICAL RESULTS

CLIENT SAMPLE ID: **Green** DATE/TIME SAMPLED: 9/18/19 11:40
 VERITAS SAMPLE ID: V19I092-02 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Organochlorine Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/QUAL
4,4-DDD	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-54-8	AST
4,4-DDE	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-55-9	AST
4,4-DDT	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	50-29-3	AST
Aldrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	309-00-2	AST
Alpha BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-84-6	AST
Beta BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-85-7	AST
Chlordane	ND	0.200	mg/kg	1	EPA 8081	9/23/19	57-74-9	AST
Delta BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	319-86-8	AST
Dieldrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	60-57-1	AST
Endosulfan I	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	959-98-8	AST
Endosulfan II	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	33213-65-9	AST
Endosulfan sulfate	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	1031-07-8	AST
Endrin	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-20-8	AST
Endrin aldehyde	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	7421-93-4	AST
Endrin ketone	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	53494-70-5	AST
Gamma BHC	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	58-89-9	AST
Heptachlor	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	76-44-8	AST
Heptachlor epoxide	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	1024-57-3	AST
Hexachlorobenzene	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	118-74-1	AST
Methoxychlor	ND	0.0200	mg/kg	1	EPA 8081	9/23/19	72-43-5	AST
Toxaphene	ND	0.400	mg/kg	1	EPA 8081	9/23/19	8001-35-2	AST
<i>Surrogate: Decachlorobiphenyl</i>	<i>102</i>	<i>10-135</i>	<i>% Recovery</i>	<i>1</i>	<i>EPA 8081</i>	<i>9/23/19</i>	<i>2051-24-3</i>	<i>AST</i>
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>86.8</i>	<i>10-139</i>	<i>% Recovery</i>	<i>1</i>	<i>EPA 8081</i>	<i>9/23/19</i>	<i>877-09-8</i>	<i>AST</i>

Analysis: Organophosphorus Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/QUAL
Azinphos-Methyl	ND	0.100	mg/kg	1	EPA 8141	9/24/19	86-50-0	AST
Bolstar (Sulprofos)	ND	0.100	mg/kg	1	EPA 8141	9/24/19	35400-43-2	AST
Chlorpyrifos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	2921-88-2	AST
Coumaphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	56-72-4	AST
Demeton,-O and -S	ND	0.0700	mg/kg	1	EPA 8141	9/24/19	8065-48-3	AST

CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

ANALYTICAL RESULTS

CLIENT SAMPLE ID: **Green** DATE/TIME SAMPLED: 9/18/19 11:40
 VERITAS SAMPLE ID: V19I092-02 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Organophosphorus Pesticides by GC

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/QUAL
Diazinon	ND	0.100	mg/kg	1	EPA 8141	9/24/19	333-41-5	AST
Dichlorvos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	62-73-7	AST
Dimethoate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	60-51-5	AST
Disulfoton	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-04-4	AST
EPN	ND	0.100	mg/kg	1	EPA 8141	9/24/19	2104-64-5	AST
Ethoprop	ND	0.100	mg/kg	1	EPA 8141	9/24/19	13194-48-4	AST
Ethyl parathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	56-38-2	AST
Fensulfothion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	115-90-2	AST
Fenthion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	55-38-9	AST
Malathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	121-75-5	AST
Merphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	150-50-5	AST
Methyl parathion	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-00-0	AST
Mevinphos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	7786-34-7	AST
Naled	ND	0.100	mg/kg	1	EPA 8141	9/24/19	300-76-5	AST
Phorate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	298-02-2	AST
Ronnel	ND	0.100	mg/kg	1	EPA 8141	9/24/19	299-84-3	AST
Stirophos	ND	0.100	mg/kg	1	EPA 8141	9/24/19	22248-79-9	AST
Sulfotep	ND	0.100	mg/kg	1	EPA 8141	9/24/19	3689-24-5	AST
TEPP	ND	1.00	mg/kg	1	EPA 8141	9/24/19	21646-99-1	AST
Tokuthion (Prothothiofos)	ND	0.100	mg/kg	1	EPA 8141	9/24/19	34643-46-4	AST
Trichloronate	ND	0.100	mg/kg	1	EPA 8141	9/24/19	327-98-0	AST
<i>Surrogate: Triphenyl Phosphate</i>	<i>78.7</i>	<i>36-121</i>	<i>% Recovery</i>	<i>1</i>	<i>EPA 8141</i>	<i>9/24/19</i>	<i>115-86-6</i>	<i>AST</i>

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/QUAL
Arsenic, Total	ND	12	mg/Kg	4	EPA 6010B	9/24/19	7440-38-2	
Barium, Total	19	1.2	mg/Kg	4	EPA 6010B	9/24/19	7440-39-3	
Cadmium, Total	ND	1.2	mg/Kg	4	EPA 6010B	9/24/19	7440-43-9	
Chromium, Total	2.6	2.0	mg/Kg	4	EPA 6010B	9/24/19	7440-47-3	
Lead, Total	ND	6.0	mg/Kg	4	EPA 6010B	9/24/19	7439-92-1	
Mercury, Total	ND	0.0300	mg/kg	1	EPA 7471A	9/23/19	7439-97-6	AST



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 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

ANALYTICAL RESULTS

CLIENT SAMPLE ID: **Green** DATE/TIME SAMPLED: 9/18/19 11:40
 VERITAS SAMPLE ID: V19I092-02 DATE/TIME RECEIVED: 9/18/19 12:20

Matrix: Soil

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	SUB LAB/ QUAL
Selenium, Total	ND	20	mg/Kg	4	EPA 6010B	9/24/19	7782-49-2	
Silver, Total	ND	4.0	mg/Kg	4	EPA 6010B	9/24/19	7440-22-4	



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 VERITAS LAB ORDER ID: V191092

Organochlorine Pesticides by GC - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG1350366 - METHOD

BLANK (WG1350366-BLK1)			Analyzed: 23-Sep-19							
4,4-DDD	<0.0200	0.0200	mg/kg				-			PAN
4,4-DDE	<0.0200	0.0200	mg/kg				-			PAN
4,4-DDT	<0.0200	0.0200	mg/kg				-			PAN
Aldrin	<0.0200	0.0200	mg/kg				-			PAN
Alpha BHC	<0.0200	0.0200	mg/kg				-			PAN
Beta BHC	<0.0200	0.0200	mg/kg				-			PAN
Chlordane	<0.200	0.200	mg/kg				-			PAN
Delta BHC	<0.0200	0.0200	mg/kg				-			PAN
Dieldrin	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan I	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan II	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan sulfate	<0.0200	0.0200	mg/kg				-			PAN
Endrin	<0.0200	0.0200	mg/kg				-			PAN
Endrin aldehyde	<0.0200	0.0200	mg/kg				-			PAN
Endrin ketone	<0.0200	0.0200	mg/kg				-			PAN
Gamma BHC	<0.0200	0.0200	mg/kg				-			PAN
Heptachlor	<0.0200	0.0200	mg/kg				-			PAN
Heptachlor epoxide	<0.0200	0.0200	mg/kg				-			PAN
Hexachlorobenzene	<0.0200	0.0200	mg/kg				-			PAN
Methoxychlor	<0.0200	0.0200	mg/kg				-			PAN
Toxaphene	<0.400	0.400	mg/kg				-			PAN
Surrogate: Decachlorobiphenyl	115		mg/kg	0.0666		115	10.0-135			PAN
Surrogate: Tetrachloro-m-xylene	123		mg/kg	0.0666		123	10.0-139			PAN

Batch WG1350367 - METHOD

BLANK (WG1350367-BLK1)			Analyzed: 23-Sep-19							
4,4-DDD	<0.0200	0.0200	mg/kg				-			PAN
4,4-DDE	<0.0200	0.0200	mg/kg				-			PAN
4,4-DDT	<0.0200	0.0200	mg/kg				-			PAN
Aldrin	<0.0200	0.0200	mg/kg				-			PAN
Alpha BHC	<0.0200	0.0200	mg/kg				-			PAN
Beta BHC	<0.0200	0.0200	mg/kg				-			PAN



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CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

Organochlorine Pesticides by GC - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG1350367 - METHOD										
BLANK (WG1350367-BLK1)					Analyzed: 23-Sep-19					
Chlordane	<0.200	0.200	mg/kg				-			PAN
Delta BHC	<0.0200	0.0200	mg/kg				-			PAN
Dieldrin	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan I	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan II	<0.0200	0.0200	mg/kg				-			PAN
Endosulfan sulfate	<0.0200	0.0200	mg/kg				-			PAN
Endrin	<0.0200	0.0200	mg/kg				-			PAN
Endrin aldehyde	<0.0200	0.0200	mg/kg				-			PAN
Endrin ketone	<0.0200	0.0200	mg/kg				-			PAN
Gamma BHC	<0.0200	0.0200	mg/kg				-			PAN
Heptachlor	<0.0200	0.0200	mg/kg				-			PAN
Heptachlor epoxide	<0.0200	0.0200	mg/kg				-			PAN
Hexachlorobenzene	<0.0200	0.0200	mg/kg				-			PAN
Methoxychlor	<0.0200	0.0200	mg/kg				-			PAN
Toxaphene	<0.400	0.400	mg/kg				-			PAN
Surrogate: Decachlorobiphenyl	95.6		mg/kg	0.0666		95.6	10.0-135			PAN
Surrogate: Tetrachloro-m-xylene	80.8		mg/kg	0.0666		80.8	10.0-139			PAN



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 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V191092

Organophosphorus Pesticides by GC - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG1350207 - METHOD										
BLANK (WG1350207-BLK1)					Analyzed: 23-Sep-19					
Azinphos-Methyl	<0.100	0.100	mg/kg				-			PAN
Bolstar (Sulpprofos)	<0.100	0.100	mg/kg				-			PAN
Chlorpyrifos	<0.100	0.100	mg/kg				-			PAN
Coumaphos	<0.100	0.100	mg/kg				-			PAN
Demeton,-O and -S	<0.0700	0.0700	mg/kg				-			PAN
Diazinon	<0.100	0.100	mg/kg				-			PAN
Dichlorvos	<0.100	0.100	mg/kg				-			PAN
Dimethoate	<0.100	0.100	mg/kg				-			PAN
Disulfoton	<0.100	0.100	mg/kg				-			PAN
EPN	<0.100	0.100	mg/kg				-			PAN
Ethoprop	<0.100	0.100	mg/kg				-			PAN
Ethyl parathion	<0.100	0.100	mg/kg				-			PAN
Fensulfothion	<0.100	0.100	mg/kg				-			PAN
Fenthion	<0.100	0.100	mg/kg				-			PAN
Malathion	<0.100	0.100	mg/kg				-			PAN
Merphos	<0.100	0.100	mg/kg				-			PAN
Methyl parathion	<0.100	0.100	mg/kg				-			PAN
Mevinphos	<0.100	0.100	mg/kg				-			PAN
Naled	<0.100	0.100	mg/kg				-			PAN
Phorate	<0.100	0.100	mg/kg				-			PAN
Ronnel	<0.100	0.100	mg/kg				-			PAN
Stirophos	<0.100	0.100	mg/kg				-			PAN
Sulfotep	<0.100	0.100	mg/kg				-			PAN
TEPP	<1.00	1.00	mg/kg				-			PAN
Tokuthion (Prothothiofos)	<0.100	0.100	mg/kg				-			PAN
Trichloronate	<0.100	0.100	mg/kg				-			PAN
Surrogate: Triphenyl Phosphate	88.6		mg/kg	0.333		88.6	36.0-121			PAN



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 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

Total Metals - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1939009 - EPA 3010A										
Blank (1939009-BLK1)				Analyzed: 24-Sep-19						
Arsenic, Total	ND	3.0	mg/Kg							
Barium, Total	ND	0.30	mg/Kg							
Cadmium, Total	ND	0.30	mg/Kg							
Chromium, Total	ND	0.50	mg/Kg							
Lead, Total	ND	1.5	mg/Kg							
Selenium, Total	ND	5.0	mg/Kg							
Silver, Total	ND	1.0	mg/Kg							
LCS (1939009-BS1)				Analyzed: 24-Sep-19						
Arsenic, Total	47	3.0	mg/Kg	50.0		93.6	85-115			
Barium, Total	49	0.30	mg/Kg	50.0		97.5	85-115			
Cadmium, Total	47	0.30	mg/Kg	50.0		93.9	85-115			
Chromium, Total	48	0.50	mg/Kg	50.0		96.6	85-115			
Lead, Total	47	1.5	mg/Kg	50.0		93.2	85-115			
Selenium, Total	47	5.0	mg/Kg	50.0		93.1	85-115			
Silver, Total	25	1.0	mg/Kg	25.0		98.3	85-115			
LCS Dup (1939009-BSD1)				Analyzed: 24-Sep-19						
Arsenic, Total	48	3.0	mg/Kg	50.0		95.4	85-115	1.89	20	
Barium, Total	49	0.30	mg/Kg	50.0		98.8	85-115	1.25	20	
Cadmium, Total	48	0.30	mg/Kg	50.0		95.5	85-115	1.68	20	
Chromium, Total	49	0.50	mg/Kg	50.0		98.2	85-115	1.65	20	
Lead, Total	47	1.5	mg/Kg	50.0		94.7	85-115	1.59	20	
Selenium, Total	48	5.0	mg/Kg	50.0		95.4	85-115	2.41	20	
Silver, Total	25	1.0	mg/Kg	25.0		99.2	85-115	0.887	20	



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CLIENT COMPANY NAME: GEOTEK Inc.
 CLIENT PROJECT NAME: 14606.1-LVR2-ESA2
 CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
 VERITAS LAB ORDER ID: V19I092

Total Metals - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG1350344 - METHOD										
BLANK (WG1350344-BLK1)				Analyzed: 23-Sep-19						
Mercury, Total	<0.0300	0.0300	mg/kg					-		PAN



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CLIENT PROJECT NUMBER: 14606.4-LVR2-ESA2
VERITAS LAB ORDER ID: V19I092

Report Definitions

DF - Dilution Factor. Represents the factor applied to the reported data due to the dilution of the sample aliquot
DUP - Duplicate Sample
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MDL - Method Detection Limit
MRL - Method Reporting Limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
ND - Analyte Not Detected at or above the Reporting Limit (MRL)
% REC - Percent Recovery
RL - Reporting Limit
RPD - Relative Percent Difference
NR - Result is outside of acceptable limits and not reportable due to size constraints of the associated field

Lab/Qualifier Definitions

PAN Analysis performed by Pace Analytical National, Mt. Juliet, TN. State of Nevada Certified Laboratory ID TN000032011-1.
AST [Undefined]



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Company: GeoTek Inc
 Address: 6835 South Escondido St. #A
Las Vegas, NV 89119
 Attention: Merby Phillips
 Invoice To:
 Sampled By:

Client Sample Identification	Veritas Sample Identification	Date Sampled	Time Sampled	Composite	Grab	Matrix Code ¹
Farway	V191092-01	9-18-19	11:30			S
Green Hood V191092-02	<u>→ -02</u>	9-18-19	11:40			S

Relinquished by: (Signature) <i>MP Phillips</i>	Date/Time: 9/18/19 @ 17:20	Turnaround Time: Same Day 1 Day 2 Days 3 Days <input checked="" type="checkbox"/> 5 Days (Normal) Other	Matrix Code A = Air DW = Drinking Water GW = Groundwater O = Other OL = Organic Liquid S = Soil/Solid SL = Sludge W = Wipe WW = Wastewater
Received by: (Signature) <i>B. S. J. C.</i>	Date/Time: 9/18/19, 12:20		
Relinquished by: (Signature)	Date/Time:		
Received by: (Signature)	Date/Time:		

Veritas Lab Order ID:
V191092

Container Code ²	Preservation Code ³	Matrix Code ⁴	Container Code ⁵	For Lab Use Only Received in Good Condition?
H	HCL		A = Amber	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
I	I = Iced		G = Glass	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
G	N = HNO ₃		O = Other	Custody Seals? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
RGR58	NO = None		P = Plastic	Samples Received On Ice? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
814	O = Other		ST = Sterile	Temperature 21.8 °C
1808	S = H ₂ SO ₄		T = Tube	
8081	T = Na ₂ S ₂ O ₃		TB = Tedlar Bag	
✓	X = NaOH		V = VOA Vial	
✓	Z = ZnAc		W = Wipe	
✓				
✓				
✓				
✓				
✓				
✓				
✓				

ATTESTATION OF AUTHORITY
By signing this Chain of Custody, the sampler attests to the validity and authenticity of submitted sample(s).
Sampler is aware that tampering with or intentionally mislabeling the sample(s) location, date, or time of collection may be considered fraud and subject to legal action.

Comments
All Data Reported on a Wet-Weight Basis Unless Otherwise Specified

By signing this Chain of Custody, the Client Agrees to Veritas Laboratories' Published Standard Terms and Conditions.

CHAIN OF CUSTODY

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