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September 14, 2017
Project No. 1555-CR

Shopoff Land Fund IV, LP
2 Park Plaza, Suite 700
Irvine, California 92614

Attention: Mr. John Santry

Subject: Revised Limited Phase II Environmental Site Assessment
901 East South Street
City of Anaheim, Orange County, California

References: See Page 24

Dear Mr. Santry:

GEOTEK, INC. (GEOTEK) has performed a Limited Phase II Environmental Site Assessment (ESA) for the property located at 901 East South Street (the "Site"), located in the city of Anaheim, Orange County, California. Our services were conducted in substantial conformance with the scope and limitations of the American Society of Testing and Materials (ASTM) E1903-11, "*Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*", and GEOTEK Proposal No. P-0804016, dated September 1, 2016. Any additions or deletions from our scope of services are discussed in the appropriate sections of this assessment.

The current version of the Limited Phase II ESA has been revised in order to address review comments provided by other professionals and to correct a numerical conversion error in the prior report.

Site and Project Description

The subject site is comprised of two parcels of land [County of Orange Assessor Parcel Numbers (APNs) 037-130-29 and 037-271-24] and encompasses a total of approximately 20.57 acres. The site is also addressed as 901 East South Street, Anaheim, Orange County, California (see Site Location Map, Figure 1).

The site is bounded by East South Street, followed by the city's parks and recreation department central yard, to the south; a Metro Link railway, followed by residential development, to the west; East Santa Ana Street, followed by residential development, to the north; and several industrial facilities to the east. Several structures (i.e. industrial buildings) appear to be located immediately adjacent the property line on the east side of the site. The site can be accessed from either East South Street or East Santa Ana Street.

Based on information provided by Shopoff Land Fund IV, LP, proposed development for the subject property includes earthwork and construction necessary for 546 dwelling units in single-family or attached residential buildings, a parking structure, parking, drive and landscape areas.

The site is currently occupied by Freeman Company, an event staging company. An approximately 334,000 square foot building, which is comprised of approximately 51,000 square feet of office area and the remaining 283,000 square feet of warehouse area, currently occupies the southwest portion of the site. Additionally, an approximately 30,000 square foot building currently occupies the north-central portion of the site. This building is understood to be used as a shipping coordination center for the site occupants. A 500-gallon above ground storage (AST) tank is located in the east central portion of the Site. It is our understanding that the tank contains reserve water for a possible fire emergency. The remainder of the site is paved parking/drive areas.

Background

Based on review of the referenced documents (Hillman Consulting, 2016 and Earth Tech, Inc., 1999), the Site was previously occupied by Daystrom Furniture Corporation, Dixie Cup Company (a.k.a. Dixie Cup Division of the American Can Company), Hitachi Consumer Products, Inc. and Hitachi Transport System (America), Ltd.

According to the referenced reports (Hillman Consulting, 2016 and Earth Tech, Inc., 1999), the largest Site building was constructed in four different phases/time frames. The southwest portion of the building was built around 1951; the next portion of the building (located northwest of the first portion) was built around 1956; the next portion of the building (located east of the first portion) was built around 1959; and the last portion of the building was built around 1970. Figure 2 depicts the four sections of the Site building.

Based on review of the referenced Phase I Environmental Site Assessment, prepared by Earth Tech, Inc. (Earth Tech, Inc., 1999), Earth Tech concluded the report with the following:

"Earth Tech recommends the following actions to evaluate the outstanding areas of concern:

1. *Fuel Oil UST Beneath Building #3: Conversations with the Hitachi management indicate that the Parts Department (who occupy the area above the fuel oil tank) will be vacating the facility in November 1999. Earth Tech recommends conducting a limited-access, direct push soil borehole investigation and geophysical survey at that time to evaluate the potential presence of a UST and to evaluate the lateral and vertical extent of hydrocarbons in this area.*
2. *Residual Herbicides/Pesticides in Agricultural Field: Earth Tech recommends waiting as long as possible to re-sample the field, as agricultural chemicals degrade over time. After the feasible delay, Earth Tech recommends re-sampling the previously impacted areas to evaluate the current contaminant levels in these locations."*

Based on review of the referenced Phase I Environmental Site Assessment prepared by Hillmann Consulting (Hillmann Consulting, Inc., 2016), Hillman concluded the report with the following:

"Based on the findings of the Phase I Environmental Site Assessment, a phase two environmental site assessment is recommended in order to address the following items:

- *Soils in the area of the previous UST,*
- *Historical usage of hazardous materials associated with site usage as an international transportation company, tin can manufacturing plant, and an event planning company,*
- *Potential impact from the adjoining railroad right of way and tracks, and,*
- *Potential impact from the adjoining property's electroplating operations in regards to hazardous waste generation."*

Scope of Work

In order to address the concerns listed above by Earth Tech, Inc. and Hillmann Consulting, GEOTEK'S scope of work for the project consisted of the following:

- Research and review of available geologic and environmental data and general information pertinent to the site, including review of the referenced reports.
- Numerous site reconnaissance's and meetings.
- Marking the location of our exploratory borings and calling Underground Service Alert (USA).

- Performing a geophysical survey of the locations of the borings located within the Site building.
- Excavation of 26 exploratory borings on-site utilizing a geoprobe direct push rig (truck mounted) within the parking/drive areas of the Site.
- Excavation of 13 exploratory borings on-site utilizing a geoprobe direct push rig (track mounted) within the interior of the Site building.
- Collection of soil samples of the on-site materials.
- Installation of temporary soil vapor probes within all of the borings.
- Laboratory testing of selected soil samples collected from the site.
- Laboratory testing of the vapor samples collected from the soil vapor probes, and
- Compilation of this report which presents our findings, conclusions and recommendations.

Borings were excavated across the entire Site, including the building located within the southwest corner of the Site, in order to address the concerns listed above by Earth Tech, Inc. and Hillmann Consulting. Specifically, borings were located in areas to address the following concerns:

- Based on documents provided by Shopoff Land Fund IV, LP, a suspected UST is approximately located near the northeastern corner of the third portion of the building (see Figure 2, Building Section Map, #3). As such, Boring B-30 was excavated within the vicinity of this area. Subsequent laboratory testing for the soils collected from Boring B-30 included Total Petroleum Hydrocarbons (TPH), Title 22 CAM Metals and poly-chlorinated biphenyls (PCBs).
- Numerous borings were scattered across the site to address the historic agricultural use of the property. Subsequent laboratory testing for the soils collected from these borings included organo-chlorinated pesticides and arsenic.
- Numerous borings were located across the site to address the historical usage of hazardous materials associated with past site usage. Subsequent laboratory testing for the soils collected from these borings included TPH, CAM Metals, PCBs, semi volatile organic compound (SVOCs) and volatile organic compounds (VOCs).
- Several borings were located along the western edge of the site to address the potential impact from the adjoining railroad right of way and tracks. Subsequent laboratory testing for the soils collected from these borings included TPH, CAM Metals, PCBs, SVOCs and VOCs).

- Several borings were located along the eastern edge of the site to address the potential impact from the adjoining property's electroplating operations in regards to hazardous waste generation. Subsequent laboratory testing for the soils collected from these borings included TPH, CAM Metals, PCBs, SVOCs and VOCs.

Field Investigation

A site reconnaissance was performed on September 26, 2016. A geologist from our firm marked the locations of our exploratory borings within the parking/drive areas. Underground Service Alert (USA) was contacted by GEOTEK after departing the Site. The ticket number provided to us by USA is A62700434.

Our field investigative services at the Site commenced on September 30, 2016. GEOTEK advanced 24 exploratory borings (Borings B-1 through B-5 and B-7 through B-25) at the Site within the parking/drive areas (see Boring Location Map, Figure 3). The odd numbered borings (i.e. Borings B-1, B-3, B-5, etc.) were drilled to an approximate depth of five (5) feet. The even numbered borings (i.e. Borings B-2, B-4, B-6, etc.) were drilled to an approximate depth of 10 feet. The logs of the exploratory borings are provided in Appendix A. Soil samples were collected from depths of two (2), five (5) and 10 feet below ground surface from the excavated borings. Temporary soil vapor probes were installed within all of the borings to the depths drilled.

An additional site reconnaissance was performed on October 24, 2016. A geologist from our firm marked the locations of our exploratory borings within the interior of the Site building.

On October 26, 2016, our subconsultant (Subsurface Surveys & Associates, Inc.) performed a geophysical survey within the immediate vicinity of nine (9) borings within the interior of the building. A copy of the Geophysical Investigation Report, prepared by Subsurface Surveys & Associates, Inc.) is included in Appendix B.

On October 31, 2016, GEOTEK advanced another nine (9) exploratory borings (Borings B-26 through B-34) at the Site within the interior of the Site building (see Boring Location Map, Figure 4). The even numbered borings (i.e. Borings B-26, B-28, etc.) were drilled to an approximate depth of five (5) feet. The odd numbered borings (i.e. Borings B-27, B-29, etc.) were drilled to an approximate depth of 10 feet. The logs of the exploratory borings are provided in Appendix A. Soil samples were collected from depths of two (2), five (5) and 10 feet below ground surface from the excavated borings. Temporary soil vapor probes were installed within all of the borings to the depths drilled.

On January 4, 2017, our subconsultant (Subsurface Surveys & Associates, Inc.) performed a geophysical survey within the immediate vicinity of Borings B-35 through B-40. A copy of the Geophysical Investigation Report, prepared by Subsurface Surveys & Associates, Inc.) is included in Appendix B.

On January 5, 2017, GEOTEK advanced another six (6) exploratory borings (Borings 35 through B-40) at the Site. Borings B-35 and B-36 were excavated within the parking/drive areas (see Boring Location Map, Figure 3). Borings B-37 through B-40 were excavated within the interior of the Site building (see Boring Location Map, Figure 4). Borings B-35 through B-40 were drilled to an approximate depth of 20 feet. Temporary soil vapor probes were installed within Borings B-35 through B-40 at a depth of five (5) feet, 10 feet and 20 feet.

Laboratory Testing

All of the soil samples collected from the excavations were transported and submitted to a state certified laboratory (Orange Coast Analytical, Inc. of Tustin, California) under proper chain of custody protocols. The following provides a summary of which samples were analyzed for which Environmental Protection Agency (EPA) test method. Soil laboratory test results are provided in Appendix C.

- Soil samples collected from a depth of approximately two (2) feet from all of the exploratory borings (Borings B-1 through B-5 and B-7 through B-34) were analyzed for total petroleum hydrocarbons (TPH) in general accordance with EPA test method 8015B. Additionally, soil samples collected from a depth of approximately five (5) feet from Borings B-4, B-10, B-12, B-13, B-18 and B-24 and from a depth of approximately 10 feet from Borings B-4, B-10, B-12, B-18 and B-24 were also analyzed for TPH.
- Soils samples collected from a depth of approximately two (2) feet from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33 and B-34 were analyzed for heavy metals (CAM metals) in general accordance with EPA test method 6010B and 7471A.
- Soil samples collected from a depth of approximately two (2) feet from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23 and B-25 were analyzed for volatile organics (VOCs) in general accordance with EPA test method 8260B.
- Soil samples collected from a depth of approximately two (2) feet from Borings B-7, B-12 and B-13 and soil samples collected from a depth of approximately two (2) feet and five (5) feet from Borings B-26 and B-30 were analyzed for polychlorinated biphenyls (PCBs) in general accordance with EPA test method 8082.

- Soil samples collected from a depth of approximately two (2) feet from Borings B-7, B-12 and B-13 were analyzed for semi volatile organics (SVOCs) in general accordance with EPA test method 8270C.
- Soil samples collected from a depth of approximately two (2) feet from Borings B-1, B-3 and B-14 through B-25 were analyzed for organochlorinated pesticides in general accordance with EPA test method 8081A.

Soil Laboratory Test Results

Analysis of the soil samples did not detect VOC's, PCBs or SVOCs above the assigned laboratory detection limits in the samples tested.

Analysis of the soil samples detected a measurable quantity of the OCP constituent heptachlor epoxide in one sample (Boring B-21 @ 2' – 5.8 ug/kg). The OCP constituent heptachlor epoxide is in a concentration below the screening level for residential soils (i.e. .70 ug/kg), as determined by EPA Regional Screening Level (RSL) for residential soil, June 2017 (TR=1E-06, HQ=1.0).

Analysis of the soil samples had detectable concentration of the constituents of diesel and heavy oils (TPH) from Borings B-12, B-13, B-18, B-24, B-26, B-27, B-28, B-29 and B-30. The concentration of TPH compounds in the soils were above screening levels for residential soils at the locations of Borings B-18 and B-24 indicating that local areas of contamination exist at the site. As noted in the footnotes of Table I, the screening level utilized is derived from EPA Regional Screening Level Summary Table (TR=1E-06, HQ=1.0). The applicable results of the TPH laboratory analysis are summarized in the following table:

TABLE I
TPH SUMMARY ANALYTICAL RESULTS

BORING NO. AND SAMPLE DEPTH	TPH as GROs (C6-C10) Gasoline mg/kg	TPH-d (C10-C25) Diesel (mg/kg)	TPH-mo (C26-C36) Oil (mg/kg)
B-1@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	32
B-2@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	33
B-3@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	71
B-4@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	83
B-4@5'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-4@10'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-5@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	36
B-7@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	48
B-8@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	56
B-9@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	58
B-10@2'	ND (<0.25 mg/kg)	11	160
B-10@5'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-10@10'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-11@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	31
B-12@2'	ND (<0.25 mg/kg)	100	420
B-12@5'	ND (<0.25 mg/kg)	23	58
B-12@10'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-13@2'	ND (<0.25 mg/kg)	17	100
B-13@5'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-14@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	40
B-15@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	140
B-16@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	140
B-17@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	41
B-18@2'	ND (<0.25 mg/kg)	32	230
B-18@5'	ND (<0.25 mg/kg)	**650**	**3500**
B-18@10'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-19@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	36
B-20@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	39
B-21@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-22@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	32
B-23@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	33
B-24@2'	ND (<0.25 mg/kg)	**160**	590
B-24@5'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-24@10'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-25@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	74
B-26@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	38
B-27@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	35
B-28@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	30
B-29@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	40
B-30@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	31

BORING NO. AND SAMPLE DEPTH	TPH as GROs (C6-C10) Gasoline mg/kg	TPH-d (C10-C25) Diesel (mg/kg)	TPH-mo (C26-C36) Oil (mg/kg)
B-31@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-32@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-33@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
B-34@2'	ND (<0.25 mg/kg)	ND (<10 mg/kg)	ND (<30mg/kg)
Screening Level	**82[1]**	**110[1]**	**2500[1]**

mg/kg = milligram per kilogram
ND = Non-detect
1 = EPA Regional Screening Level (RSL) for residential soil, June 2017 (TR=1E-06, HQ=1.0)

Detectable quantities of the heavy metals arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, vanadium, and zinc were detected in the samples from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33 and B-34. As noted in the footnotes of Table I, the screening level utilized is derived from EPA Regional Screening Level Summary Table (TR=1E-06, HQ=1.0). The applicable results of the heavy metals laboratory analysis are summarized in the following tables (Tables IIA, IIB, IIC and IID):

TABLE IIA
METALS SUMMARY ANALYTICAL RESULTS

Analyte	B-1@2' (mg/kg)	B-3@2' (mg/kg)	B-5@2' (mg/kg)	B-9@2' (mg/kg)	B-11@2' (mg/kg)	Screening Level (mg/kg)
Antimony	<1.0	<1.0	<1.0	<1.0	<1.0	31*
Arsenic	**1.2**	**1.0**	**0.89**	**1.4**	**0.88**	0.11**
Barium	67	82	29	36	19	15,000*
Beryllium	<0.50	<0.50	<0.50	<0.50	<0.50	15**
Cadmium	0.30	<0.20	<0.20	<0.20	<0.20	5.2**
Chromium	14	5.9	6.3	7.8	4.3	120,000*
Cobalt	8.9	3.5	4.0	5.0	3.0	23*
Copper	9.9	3.9	4.3	5.6	2.4	3,100*
Lead	3.3	1.8	2.2	3.1	1.0	80**
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	1.0**
Molybdenum	<1.0	<1.0	<1.0	<1.0	<1.0	390*
Nickel	9.1	4.4	4.1	5.2	2.9	840**
Selenium	<1.0	<1.0	<1.0	<1.0	<1.0	390*
Silver	<0.50	<0.50	<0.50	<0.50	<0.50	390**
Thallium	<2.0	<2.0	<2.0	<2.0	<2.0	0.078*
Vanadium	33	16	17	19	15	390**
Zinc	46	18	22	27	15	23,000*

mg/kg = milligram per kilogram
* = EPA Regional Screening Level (RSL) for residential soil, June 2017(TR=1E-06, HQ=0.1)
** = DTSC Recommended Screening Levels for residential soil, August 2017

TABLE IIB
METALS SUMMARY ANALYTICAL RESULTS

Analyte	B-13@2' (mg/kg)	B-15@2' (mg/kg)	B-21@2' (mg/kg)	B-23@2' (mg/kg)	B-25@2' (mg/kg)	Screening Level (mg/kg)
Antimony	<1.0	<1.0	<1.0	<1.0	<1.0	31*
Arsenic	**2.1**	**3.3**	**1.1**	**1.3**	**1.7**	0.11**
Barium	61	43	32	37	49	15,000*
Beryllium	<0.50	<0.50	<0.50	<0.50	<0.50	15**
Cadmium	0.42	0.21	<0.20	<0.20	<0.20	5.2**
Chromium	14	8.8	6.9	9.5	12	120,000*
Cobalt	6.3	5.2	4.3	5.6	6.4	23*
Copper	17	7.3	5.3	6.9	11	3,100*
Lead	54	3.1	2.0	3.1	11	80**
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	1.0**
Molybdenum	<1.0	<1.0	<1.0	<1.0	<1.0	390*
Nickel	9.3	7.3	4.5	6.6	8.5	840**
Selenium	2.3	<1.0	<1.0	1.2	1.5	390*
Silver	<0.50	<0.50	<0.50	<0.50	<0.50	390**
Thallium	<2.0	<2.0	<2.0	<2.0	<2.0	0.078*
Vanadium	27	23	18	25	26	390**
Zinc	62	29	23	31	57	23,000*

mg/kg = milligram per kilogram
* = EPA Regional Screening Level (RSL) for residential soil, June 2017(TR=1E-06, HQ=0.1)
** = DTSC Recommended Screening Levels for residential soil, August 2017

TABLE IIC
METALS SUMMARY ANALYTICAL RESULTS

Analyte	B-26@2' (mg/kg)	B-27@2' (mg/kg)	B-28@2' (mg/kg)	B-29@2' (mg/kg)	B-30@2' (mg/kg)	Screening Level (mg/kg)
Antimony	<1.0	<1.0	<1.0	<1.0	<1.0	31*
Arsenic	**1.6**	**1.4**	**2.0**	**2.7**	**2.5**	0.11**
Barium	57	70	54	74	81	15,000*
Beryllium	<0.50	<0.50	<0.50	<0.50	0.56	15**
Cadmium	0.21	0.22	0.28	0.34	0.47	5.2**
Chromium	14	12	10	16	18	120,000*
Cobalt	7.7	6.9	6.0	8.9	10	23*
Copper	10	8.7	9.2	14	20	3,100*
Lead	3.4	2.6	3.8	6.4	11	80**
Mercury	<0.10	<0.10	<0.10	<0.10	0.13	1.0**
Molybdenum	<1.0	<1.0	<1.0	<1.0	<1.0	390*
Nickel	9.1	8.3	7.6	11	12	840**
Selenium	1.1	<1.0	<1.0	1.1	<1.0	390*
Silver	<0.50	<0.50	<0.50	<0.50	<0.50	390**
Thallium	<2.0	<2.0	<2.0	<2.0	<2.0	0.078*
Vanadium	29	25	25	35	39	390**
Zinc	41	37	37	54	73	23,000*

mg/kg = milligram per kilogram
* = EPA Regional Screening Level (RSL) for residential soil, June 2017(TR=1E-06, HQ=0.1)
** = DTSC Recommended Screening Levels for residential soil, August 2017

TABLE IID
METALS SUMMARY ANALYTICAL RESULTS

Analyte	B-31@2' (mg/kg)	B-32@2' (mg/kg)	B-33@2' (mg/kg)	B-34@2' (mg/kg)	Screening Level (mg/kg)
Antimony	<1.0	<1.0	<1.0	<1.0	31*
Arsenic	**0.88**	**5.3**	**1.6**	**2.6**	0.11**
Barium	30	130	62	58	15,000*
Beryllium	<0.50	0.68	<0.50	<0.50	15**
Cadmium	<0.20	0.79	0.32	0.33	5.2**
Chromium	6.4	20	13	14	120,000*
Cobalt	4.3	11	8.1	7.8	23*
Copper	5.5	24	11	11	3,100*
Lead	2.7	10	4.5	3.9	80**
Mercury	<0.10	<0.10	<0.10	<0.10	1.0**
Molybdenum	<1.0	1.0	<1.0	<1.0	390*
Nickel	4.3	17	9.2	10	840**
Selenium	<1.0	1.6	<1.0	<1.0	390*
Silver	<0.50	<0.50	<0.50	<0.50	390**
Thallium	<2.0	<2.0	<2.0	<2.0	0.078*
Vanadium	16	41	30	29	390**
Zinc	25	69	45	41	23,000*

mg/kg = milligram per kilogram
* = EPA Regional Screening Level (RSL) for residential soil, June 2017(TR=1E-06, HQ=0.1)
** = DTSC Recommended Screening Levels for residential soil, August 2017

Soil Vapor Laboratory Test Results

Vapor samples collected from all of the borings (B-1 through B-5 and B-7 through B-40) were tested for VOCs per EPA test method 8260B on-site by Jones Environmental, Inc. Vapor laboratory test results are provided in Appendix D. Detectable quantities of the VOC constituents benzene, cis-1,2-dichloroethene, 1,2,4-trimethylbenzene, 1,2,4-trichlorobenzene, freon113, isopropylbenze, m/p-xylenes, ethylbenzene, 4-isopropyltoluene, n-propyltoluene, 1,3,5-trimethylbenzene, o-xylene, tetrachloroethylene (TCE), toluene, 1,1,1-trichloroethane, trichlorofluoromethane, trichloroethylene, xylene and chloroform were detected from all of the borings (Borings B-1 through B-5 and B-7 through B-40). VOC concentrations were detected above screening levels for residential soils in Borings B-4, B-12, B-27, B-31, B-35, B-38 and B-39. The applicable results of the soil vapor gas analysis are summarized in the following tables (Tables 111A, IIIB, IIIC and IIID):

TABLE IIIA
SOIL VAPOR SUMMARY ANALYTICAL RESULTS

Boring Location and Depth	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	Trichlorofluoromethane (ug/L)	Trichloroethylene (ug/L)	Xylenes (ug/L)
B-1@5'	0.064	0.011		0.011		0.034
B-2@10'	0.183	--		--		--
B-3@5'	0.054	--		--		--
B-4@5'	**0.553**	--		--		--
B-5@10'	0.079	--		--		--
B-7@5'	0.225	--		--		--
B-8@10'	0.254	--	--	--	0.017	--
B-9@5'	0.026	--	--	--	--	--
B-10@10'	0.403	--	0.011	--	--	--
B-11@5'	0.120	--	--	--	0.057	--
B-12@10'	**1.15**	--	0.233	--	0.034	--
B-13@5'	0.203	--	--	--	--	--
B-14@10'	0.209	--	--	--	--	--
B-15@5'	--	--	--	--	--	--
B-16@10'	0.033	--	--	0.015	--	--
B-17@5'	0.151	--	--	--	--	--
B-18@10'	0.127	--	--	--	--	--
B-19@5'	0.011	--	--	--	--	--
B-20@10'	0.034	--	--	--	--	--
B-21@5'	0.036	--	--	--	--	--
B-22@10'	0.261	--	0.015	--	--	--
B-23@5'	0.057	--	0.008	--	--	--
B-24@10'	0.011	--	--	--	--	--
B-25@5'	0.157	--	0.050	--	--	--
B-26@5'	0.131	--	0.016	--	--	--
B-27@10'	**0.570**	--	0.046	--	--	--
B-28@5'	0.427	0.010	0.029	--	--	0.011
B-29@10'	0.278	--	0.020	--	--	--
B-30@5'	0.154	--	0.014	--	--	--
B-31@10'	**0.630**	--	0.018	--	--	--
B-32@5'	0.086	--	--	--	--	--
B-33@10'	0.043	--	--	--	--	--
B-34@5'	0.062	0.058	--	--	--	0.108
B-35@5'	0.132	0.015	--	--	0.010	--
B-35@10'	0.151	--	--	--	--	--
B-35@20'	**0.478**	0.093	--	0.008	0.011	--
B-36@5'	0.116	--	--	--	0.008	--
B-36@10'	0.124	--	--	--	--	--
B-36@20'	0.296	0.009	--	--	--	--
B-37@5'	0.199	0.070	--	--	0.010	--
B-37@10'	0.272	0.018	--	--	0.008	--

Boring Location and Depth	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	Trichlorofluoromethane (ug/L)	Trichloroethylene (ug/L)	Xylenes (ug/L)
B-37@20'	0.381	--	0.028	--	--	--
B-38@5'	0.222	0.057	0.048	--	--	--
B-38@10'	**0.471**	0.020	0.070	0.009	--	--
B-38@20'	**0.538**	--	--	--	0.053	--
B-39@5'	0.427	0.051	0.017	--	--	--
B-39@10'	**0.673**	0.020	0.019	0.009	--	--
B-39@20'	**0.577**	0.102	0.010	--	--	--
B-40@5'	0.431	0.043	0.020	0.009	0.011	--
B-40@10'	0.156	0.015	--	--	--	--
B-40@20'	0.379	0.008	--	--	--	--
Screening Level (ug/L)	**0.46***	**310***	**1000***	**1,300***	**0.48****	**100****

ug/L = micrograms/liter
-- = not detected (detection limit)
* = DTSC Recommended Screening Levels for residential soil, August 2017
** = EPA Regional Screening Level (RSL) for residential air, June 2017(TR=1E-06, HQ=0.1)

TABLE IIIB
SOIL VAPOR SUMMARY ANALYTICAL RESULTS

Boring Location and Depth	cis-1,2-Dichloroethene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	Ethylbenzene (ug/L)	4-Isopropyltoluene (ug/L)	m/p-Xylenes (ug/L)
B-26 @ 5'	0.008	--	--	--	--
B-28 @ 5'	--	0.016	--	--	0.011
B-32 @ 5'	0.009	0.032	--	--	--
B-34 @ 5'	--	0.065	0.025	0.015	0.108
B-35@5'	--	0.010	--	--	--
B-35@20'	--	0.101	0.019	--	0.038
B-36@20'	--	0.023	--	--	--
B-37@5'	--	0.027	0.019	--	0.061
B-37@10'	--	0.010	--	--	--
B-38@5'	--	0.016	0.008	--	0.039
B-38@10'	--	0.010	--	--	--
B-39@5'	--	0.014	--	--	0.040
B-39@10'	--	0.010	--	--	--
B-39@20'	--	--	--	--	0.017
B-40@5'	--	0.013	0.008	--	0.010
B-40@20'	--	0.008	--	--	--
Screening Level (ug/L)	**8.3***	**6.3****	**1.1****	**NE**	**100****

ug/L = micrograms/liter
-- = not detected (detection limit)
* = DTSC Recommended Screening Levels for residential soil, August 2017
** = EPA Regional Screening Level (RSL) for residential air, June 2017(TR=1E-06, HQ=0.1)
NE = Not Established

TABLE IIIC
SOIL VAPOR SUMMARY ANALYTICAL RESULTS

Boring Location and Depth	Dichlorodifluoromethane (ug/L)	Benzene (ug/L)	n-Propylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	o-Xylene (ug/L)
B-32 @ 5'	--	--	--	0.013	--
B-34 @ 5'	--	--	0.011	0.030	0.031
B-35@20'	--	--	0.023	0.027	0.026
B-36@5'	0.008	--	--	--	--
B-37@5'	0.011	--	--	--	0.023
B-37@10'	0.010	--	--	--	--
B-38@5'	--	--	--	--	0.013
B-38@10'	0.011	--	--	--	--
B-39@5		--	--	--	0.014
B-39@10'	0.011	--	--	--	--
B-40@5'		0.011	--	--	0.010
B-40@20'	0.010	--	--	--	--
Screening Level (ug/L)	**100****	**0.097***	**1000****	**63****	**100****

ug/L = micrograms/liter
-- = not detected (detection limit)
* = DTSC Recommended Screening Levels for residential soil, August 2017
** = EPA Regional Screening Level (RSL) for residential air, June 2017(TR=1E-06, HQ=0.1)

TABLE IIID
SOIL VAPOR SUMMARY ANALYTICAL RESULTS

Boring Location and Depth	Chloroform (ug/L)	1,2,4-Trichlorobenzene (ug/L)	Freon 113 (ug/L)	Isopropylbenzene (ug/L)
B-23@5'	0.010			
B-35@5'		--	0.009	--
B-35@20'		--	0.019	0.011
B-37@5'		0.010	--	--
Screening Level (ug/L)	**0.12****	**2.1***	**NE**	**42****

ug/L = micrograms/liter
-- = not detected (detection limit)
* = DTSC Recommended Screening Levels for residential soil, August 2017
** = EPA Regional Screening Level (RSL) for residential air, June 2017(TR=1E-06, HQ=0.1)
NE = Not Established

Findings

Laboratory analysis of the soil samples did not indicate concentrations of VOCs, PCBs, SVOCs or organochlorinated pesticides within the detection limits in the samples tested. It should be noted that the laboratory testing for organochlorinated pesticides was completed after the designated holding time of 14 days for all of the samples tested, as GEOTEK was not authorized to perform this laboratory testing until after the holding time had expired. Due to the nature of these chemicals however, it is GeoTek's opinion that the results provided would not have been different if tested any earlier.

Detectable concentrations of the metals arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, vanadium, and zinc were detected in the samples from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33 and B-34. However, the detected constituents were in concentrations below the maximum allowable concentration levels, with the exception of arsenic. EPA and the Department of Toxic Substance Control (DTSC) have acknowledged that naturally occurring arsenic in southern California typically exceeds the maximum, with levels recorded up to 12 mg/kg in many areas (https://www.dtsc.ca.gov/upload/Background-Arsenic.pdf). Therefore, it is our opinion that the arsenic detected in the samples from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33 and B-34 are not the result of environmental contamination, but are naturally occurring.

Analysis of the soil samples detected measurable quantities of the constituents of diesel and heavy oils (TPH) from Borings B-1, B-2, B-3, B-4, B-5, B-7, B-8, B-9, B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-10, B-22, B-23, B-24, B-25, B-26, B-27, B-28, B-29 and B-30. The concentration of TPH compounds in the soils were above screening levels for residential soils at the locations of Borings B-18 and B-24 indicating that local areas of contamination exist at the site. TPH-D (diesel) concentrations were detected above screening levels for residential soils to a depth of five (5) feet in Boring B-18; and to a depth of two (2) feet in Boring B-24 (see Figure 5). TPH-O (oil) concentrations were detected above screening levels for residential soils to a depth of five (5) feet in Boring B-18 (see Figure 5). It should be noted that the laboratory testing completed for the sample obtained from Boring B-18 at 10 feet was completed after the designated holding time of 14 days for the sample as this testing was only considered to be necessary after results from testing soils immediate above these depths were known. The results obtained (i.e. non-detect) are not likely to have been affected by this slight delay in testing.

Vapor samples collected from all of the borings (B-1 through B-5 and B-7 through B-40) were tested for VOCs per EPA test method 8260B. Detectable quantities of the VOC constituents benzene, cis-1,2-dichloroethene, 1,2,4-trimethylbenzene, 1,2,4-trichlorobenzene, freon113, isopropylbenze, m/p-xylenes, ethylbenzene, 4-isopropyltoluene, n-propyltoluene, 1,3,5-trimethylbenzene, o-xylene, tetrachloroethylene (TCE), toluene, 1,1,1-trichloroethane, trichlorofluoromethane, trichloroethylene, xylene and chloroform were detected from all of the borings (Borings B-1 through B-5 and B-7 through B-40). VOC concentrations were detected above screening levels for residential soils in B-4, B-12, B-27, B-31, B-35, B-38 and B-39 (see Figures 6 and 7).

Conclusions

Based on the laboratory testing completed, some contaminated soils (TPH) exist at the site. Additionally, a soil vapor potential exists at the site.

Evidence of an existing UST was not found during this assessment. Based on documents provided by Shopoff Land Fund IV, LP, the suspected UST is approximately located near the northeastern corner of the third portion of the building (see Figure 2, Building Section Map, #3). As such, Boring B-30 was emplaced within the vicinity of this area. Subsequent laboratory testing for the soils collected from Boring B-30 included Total Petroleum Hydrocarbons (TPH), Title 22 CAM Metals and poly-chlorinated biphenyls (PCB). Analysis of the soil samples detected measurable quantities of TPH in the form of oil from Boring B-30. However, the concentration of TPH compounds in the soils were not above screening levels for residential soils. Analysis of the soil samples did not detect measurable quantities of PCBs in the soil samples tested from Boring B-30. Detectable quantities of metals were detected in the samples from Boring B-30. However, the detected constituents were in concentrations below the maximum allowable concentration levels, with the exception of arsenic.

Numerous borings were excavated across the site to address the historic agricultural use of the property. Subsequent laboratory testing for the soils collected from these borings included organo-chlorinated pesticides and arsenic. Analysis of the soil samples detected a measurable quantity of the OCP constituent heptachlor epoxide in only one sample (Boring B-21 @ 2' – 5.8 ug/kg). The OCP constituent heptachlor epoxide is in a concentration below the screening level for residential soils (i.e. .70 ug/kg), as determined by EPA Regional Screening Level (RSL) for residential soil, June 2017 (TR=1E-06, HQ=1.0). Detectable quantities of metals were detected in the samples. However, the detected constituents were in concentrations below the maximum allowable concentration levels for residential development, with the exception of arsenic. It should be noted that the laboratory testing for organochlorinated pesticides was

completed after the designated holding time of 14 days for all of the samples tested, as GEOTEK was not authorized to perform this laboratory testing until after the holding time had expired. Due to the nature of these chemicals however, it is GeoTek's opinion that the results provided would not have been different if tested any earlier.

Numerous borings were located across the site to address the historical usage of hazardous materials associated with site usage; to address the potential impact from the adjoining railroad right of way and tracks; and to address the potential impact from the adjoining property's electroplating operations in regards to hazardous waste generation. Subsequent laboratory testing for the soils collected from these borings included TPH, CAM Metals, PCBs, SVOCs and VOCs. Analysis of the soil samples did not detect measurable quantities of PCBs, SVOCs or VOCs in the samples tested. Analysis of the soil samples detected measurable quantities of the constituents of diesel and heavy oils (TPH) from Borings B-1, B-2, B-3, B-4, B-5, B-7, B-8, B-9, B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-10, B-22, B-23, B-24, B-25, B-26, B-27, B-28, B-29 and B-30. The concentration of TPH compounds in the soils were above screening levels for residential soils at the locations of Borings B-18 and B-24 indicating that local areas of contamination exist at the site. Detectable quantities of the heavy metals arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, vanadium, and zinc were detected in the samples from Borings B-1, B-3, B-5, B-9, B-11, B-13, B-15, B-21, B-23, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33 and B-34. However, the detected constituents were in concentrations below the maximum allowable concentration levels for residential development, with the exception of arsenic. EPA and DTSC have acknowledged that naturally occurring arsenic in southern California typically exceeds the maximum, with levels recorded up to 12 mg/kg in many areas Therefore, it is our opinion that the arsenic concentrations detected in the samples are not the result of environmental contamination, but are naturally occurring.

The findings of this investigation indicate that nine out of 51 soil vapor samples analyzed contained concentrations of tetrachloroethylene that marginally exceeded "Tier 1" soil vapor screening levels for vapor intrusion for proposed residential development. Additionally, two soil samples out of 44 analyzed contained TPH (diesel or oil) marginally exceeding direct-contact soil screening levels for residential development. Exceeding a "Tier 1" screening level does not indicate a health risk exists or that a property is unsuitable for its current use or for the proposed residential development. However, exceeding a "Tier 1" screening level for a particular contaminant suggests an additional health risk evaluation may be warranted. The findings of this investigation indicate that a further vapor human health risk intrusion evaluation is warranted prior to consideration of any additional environmental corrective actions for the site.

Reliance

Subject to the terms and conditions of that certain Work Authorization and Agreement dated September 1, 2016 between GeoTek Inc. and Shopoff Land Fund IV, L.P., this Report is for the use and benefit of, and may be relied upon by, C3 Capital, LLC and ABP Capital II, LLC, Fortress Credit Co LLC, Fortress Credit Corp., Fortress Credit Advisors LLC, Fortress Real Estate Opportunities Advisors LLC, Drawbridge Special Opportunities Fund LP, any fund or account managed directly or indirectly by Fortress Investment Group LLC, and any of its and their respective assigns, affiliates, agents and advisors; any initial and subsequent holders from time to time of any debt and/or securities backed in whole or in part, directly or indirectly, by assets covered by this Report; any initial and subsequent holders of any participation or beneficial interest in any such debt and/or securities; any trustee, servicer or other agent acting on behalf of holders of such debt and/or securities; any rating agencies providing ratings to any such securities; and any institutional providers from time to time of any liquidity facility or credit support for the financing of any such debt and/or securities; and their respective successors and assigns. In addition, this Report and/or a reference to this Report may be included or quoted in any offering circular, registration statement, prospectus or sales brochure (in either electronic or hard copy format) in connection with a securitization, syndication or similar transaction involving such debt and/or such securities.

We appreciate this opportunity to be of service. If you have any questions, or if we can be of further service, please contact us at (951) 710-1160.

Respectfully Submitted,
GEOTEK, INC.

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Enclosures:
Figure 1 – Site Location and General Site Topography Map
Figure 2 – Building Section Map
Figure 3 – Boring Location Map
Figure 4 – Boring Location Map
Figure 5 – TPH Results
Figure 6 – VOC Results
Figure 7 – VOC Results
Appendix A – Logs of Exploratory Borings
Appendix B – Geophysical Investigation Report – Subsurface Surveys & Associates, Inc.
Appendix C – Soil Laboratory Test Results
Appendix D – Soil Vapor Laboratory Test Results

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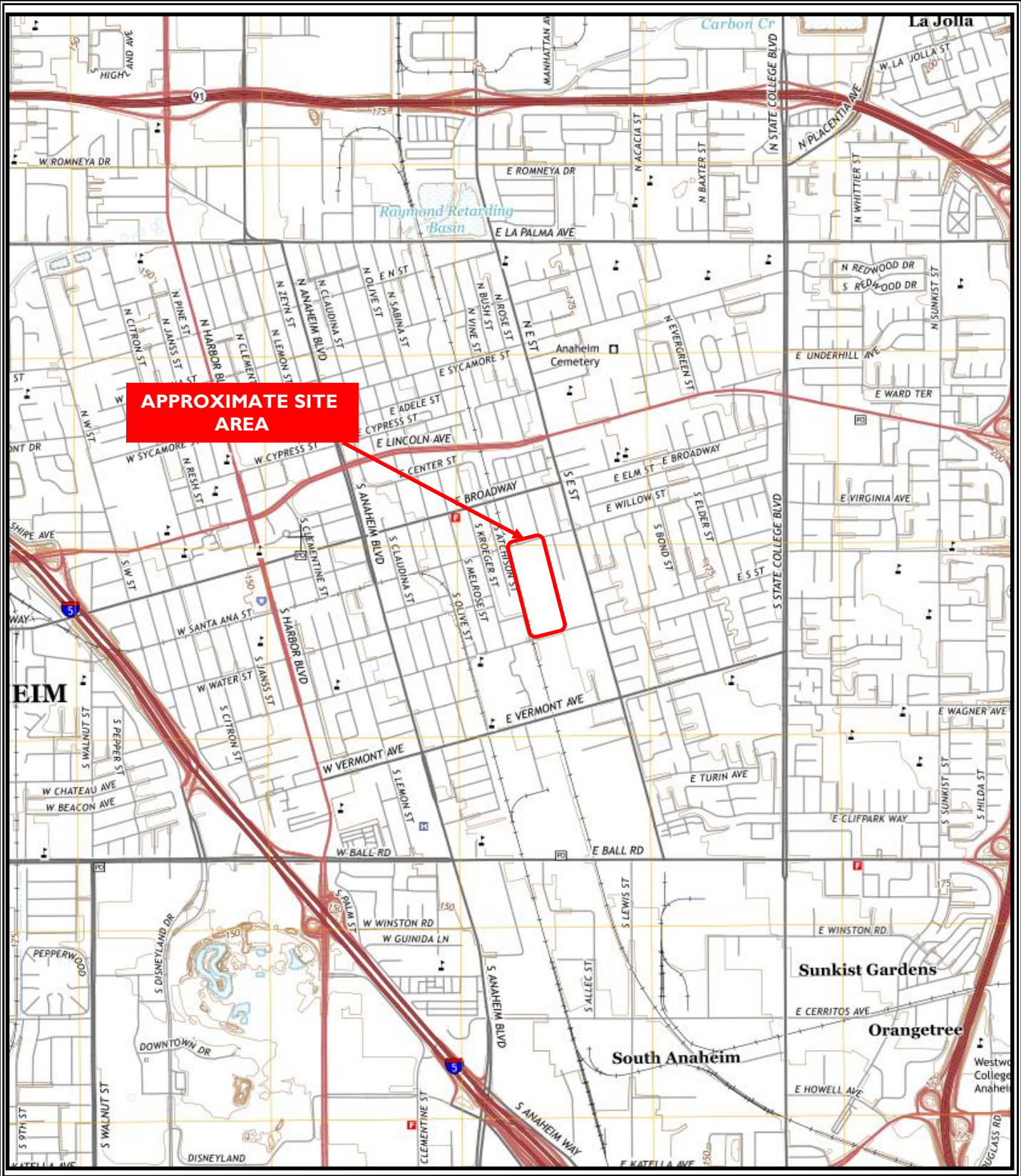

Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

GeoTek Project No. 1555-CR

N

Modified from USGS Anaheim 7.5-minute Topographic Map

Figure 1

Site Location and General Site Topography Map

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Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

GeoTek Project No. 1555-CR

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Figure 2

Building Section Map

Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

GeoTek Project No. 1555-CR

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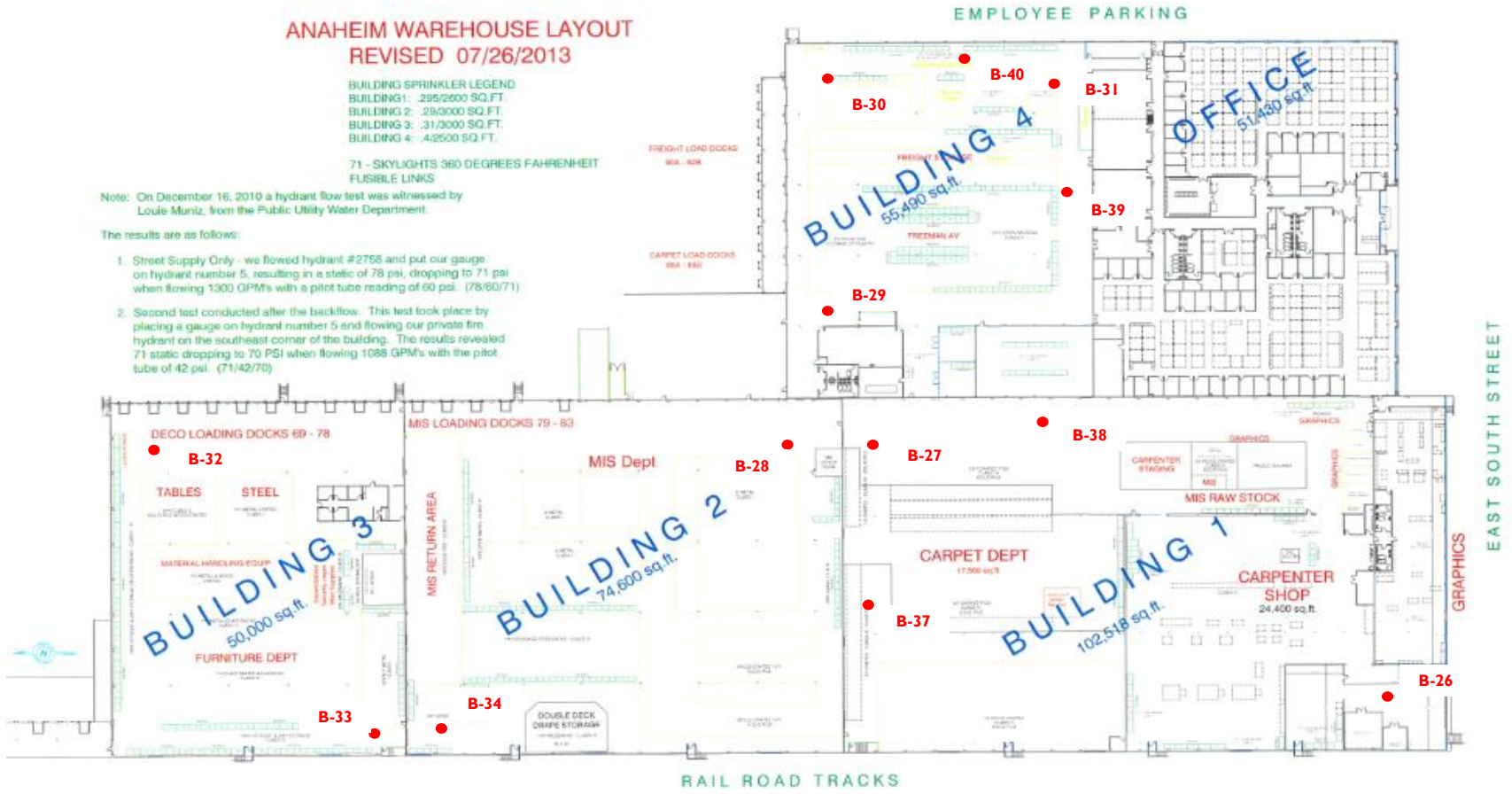
Figure 3

Boring Location Map



Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

GeoTek Project No. 1555-CR

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Figure 4

Boring Location Map

Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

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Figure 5

TPH Results

Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

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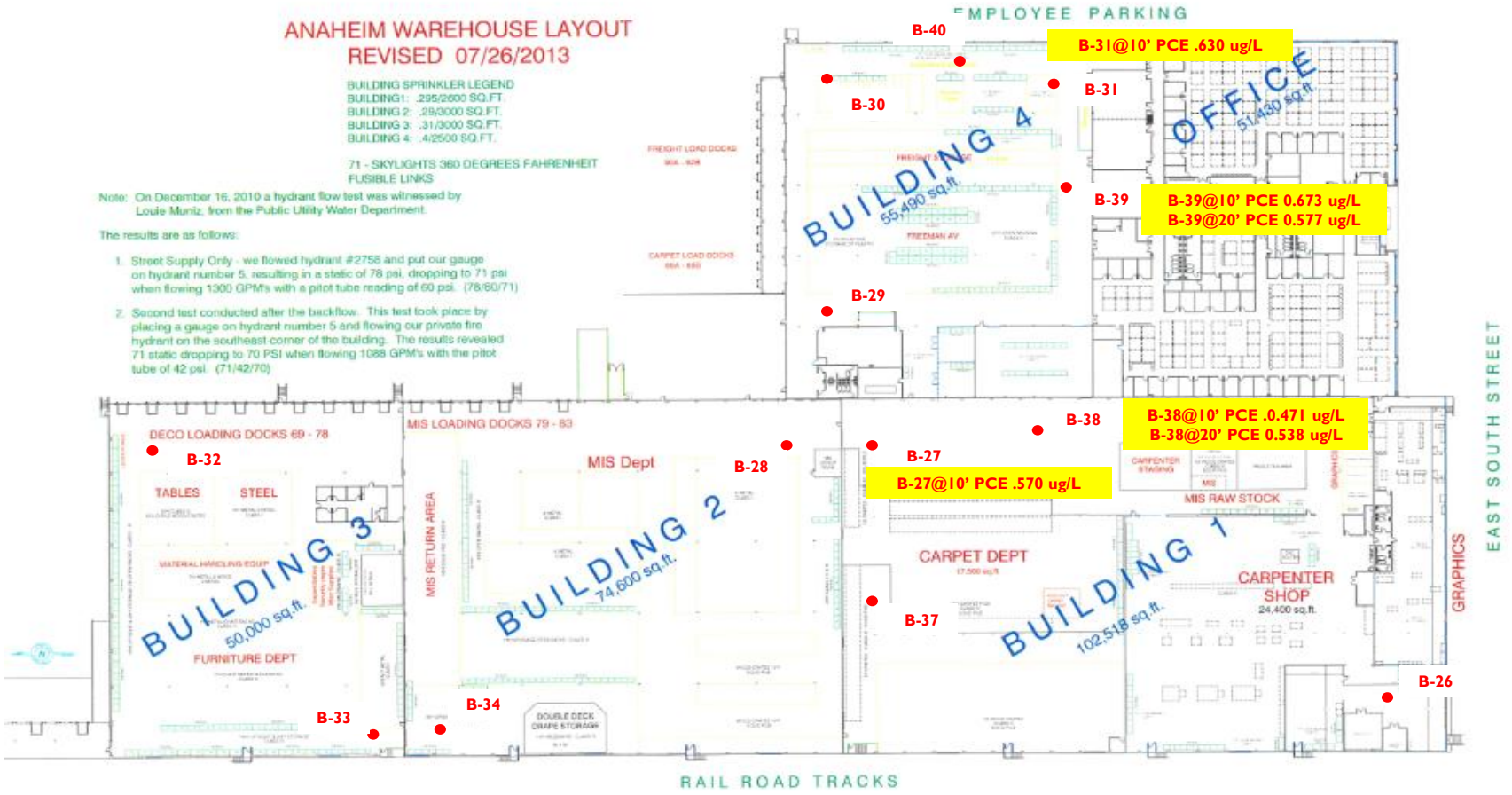
Figure 6

VOC Results



Shopoff Land Fund IV, L.P.
901 East South Street
Anaheim, Orange County, California

GeoTek Project No. 1555-CR

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Figure 7

VOC Results

APPENDIX A

LOGS OF EXPLORATORY BORINGS

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GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-1** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 7" Aggregate Base			
				SM	**Fill Soils:** Silty f SAND with some cobbles, dark brown, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-2** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 7" Aggregate Base			
				SM	**Fill Soils:** Silty f SAND with some cobbles, dark brown, slightly moist, medium dense			
5								
				SP	**Alluvium:** F-c SAND, gray and tan, slightly moist, medium dense			
					F-m SAND, gray and tan, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-3

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SP	**Fill Soils:** M-c SAND trace gravel, dark brown to medium brown, slightly moist, medium dense			
					Alluvium: M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-4** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SP	**Fill Soils:** M-c SAND trace gravel, dark brown to medium brown, slightly moist, medium dense			
5					**Alluvium:** M-c SAND, tan and gray, slightly moist, medium dense M-c SAND, tan and gray, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring; ---SPT; ---Small Bulk; ---Large Bulk; ---No Recovery; ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-5

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SP	**Fill Soils:** M-c SAND trace gravel, dark brown to medium brown, slightly moist, medium dense			
					Alluvium: M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-7

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SP	**Fill Soils:** M-c SAND trace gravel, dark brown to medium brown, slightly moist, medium dense			
					Alluvium: M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-8

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SM	**Fill Soils:** Silty f SAND, dark brown, slightly moist, medium dense			
5				SP	**Alluvium:** M-c SAND, tan and gray, slightly moist, medium dense becomes moist			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-9** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SM	**Fill Soils:** Silty f SAND, dark brown, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-10

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
					Fill Soils:			
				SM	Silty f SAND with gravel, dark brown, moist, medium dense			
5				ML/SM	F sandy SILT/silty SAND, dark brown, moist, medium stiff/loose, with some gravel			
					Alluvium:			
10				SP	M-c SAND, tan and gray, slightly moist, medium dense			
					Boring Terminated at 10 feet			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-11** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
					Fill Soils:			
				SM	Silty f SAND with gravel, dark brown, moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-12

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
				SM	**Fill Soils:** Silty f SAND with gravel, dark brown, moist, medium dense			
5				ML/SM	F sandy SILT/silty SAND, dark brown, moist, medium stiff/loose, with some gravel			
				SP	**Alluvium:** M-c SAND, tan and gray, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-13

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
					Fill Soils:			
				SM	Silty f SAND with gravel, dark brown, moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-14

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 7" Aggregate Base			
					Fill Soils:			
				SM	Silty f SAND with gravel, dark brown, moist, medium dense			
5				ML/SM	F sandy SILT/silty SAND, dark brown, moist, medium stiff/loose, with some gravel			
					Alluvium:			
10				SP	M-c SAND, tan and gray, slightly moist, medium dense			
					Boring Terminated at 10 feet			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-15

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-16** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	M-c SAND, tan and gray, slightly moist, medium dense			
5					M-c SAND, tan and gray, slightly moist, medium dense			
					M-c SAND, tan and gray, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-17

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-18** / **MATERIAL DESCRIPTION AND COMMENTS**	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	M-c SAND, tan and gray, slightly moist, medium dense			
5					M-c SAND, tan and gray, slightly moist, medium dense			
					M-c SAND, tan and gray, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-19

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Asphaltic Concrete over 6" Aggregate Base			
				SP	**Alluvium:** F-m SAND, dark brown to tan gray, slightly moist, dense M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-20** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Asphaltic Concrete over 6" Aggregate Base			
				SP	**Alluvium:** F-m SAND, dark brown to tan gray, slightly moist, dense			
					M-c SAND, tan and gray, slightly moist, medium dense			
5					SAME			
				CL	Silty CLAY with sand, brown, moist, stiff			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-21** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Asphaltic Concrete over 6" Aggregate Base			
				SP	**Alluvium:** F-m SAND, dark brown to tan gray, slightly moist, dense			
					M-c SAND, tan and gray, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-22** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Asphaltic Concrete over 6" Aggregate Base			
				SP	**Alluvium:** F-m SAND, dark brown to tan gray, slightly moist, dense			
					M-c SAND, tan and gray, slightly moist, medium dense			
5					SAME			
				CL	Silty CLAY with sand, brown, moist, stiff			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-23** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	F-m SAND, gray and tan, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-24** / **MATERIAL DESCRIPTION AND COMMENTS**	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4" Asphaltic Concrete over 6" Aggregate Base			
					Alluvium:			
				SP	F-m SAND, gray and tan, slightly moist, medium dense			
5					SAME			
					M-c SAND, gray and tan, slightly moist, medium dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Frank
PROJECT NO.:	1555-CR			**DATE:**	9/30/2016
LOCATION:	Anaheim, CA				

Boring No.: B-25

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3" Asphaltic Concrete over 9" Aggregate Base			
				SP	**Alluvium:** F SAND, dark brown, slightly moist, medium dense			
				SM	Silty f SAND with trace gravel, dark brown, moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-26

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing:

AL = Atterberg Limits	EI = Expansion Index	SA = Sieve Analysis	RV = R-Value Test
SR = Sulfate/Resisitivity Test	SH = Shear Test	HC= Consolidation	MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-27

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4.25" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense			
5				SP	**Alluvium:** F-m SAND, gray and light brown, slightly moist, dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-28

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					5.75" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense, some debris			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	**Boring No.: B-29** / MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					5" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense			
5				SP	**Alluvium:** F-m SAND, gray and light brown, slightly moist, dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-30

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					4.75" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense, some debris			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-31

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					3.5" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense			
5				SP	**Alluvium:** F-m SAND, gray and light brown, slightly moist, dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-32

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					6" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense, some debris			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-33

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					5" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense			
5				SP	**Alluvium:** F-m SAND, gray and light brown, slightly moist, dense			
10					**Boring Terminated at 10 feet**			
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

GeoTek, Inc.

LOG OF EXPLORATORY BORING

CLIENT:	Shopoff Land Fund IV, LP	**DRILLER:**	Strongarm Environmental	**LOGGED BY:**	R. Hankes
PROJECT NAME:	901 E. South Street	**DRILL METHOD:**	Direct Push	**OPERATOR:**	Walter
PROJECT NO.:	1555-CR			**DATE:**	10/31/2016
LOCATION:	Anaheim, CA				

Boring No.: B-34

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows/ 6 in	SAMPLES: Sample Number	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Laboratory Testing: Water Content (%)	Laboratory Testing: Dry Density (pcf)	Laboratory Testing: Others
0					5.5" Concrete			
				SP	**Fill Soils:** Silty fine SAND, dark brown, slightly moist, medium dense, some debris			
5					**Boring Terminated at 5 feet**			
10								
15								
20								
25								
30								

LEGEND

Sample type: ---Ring ---SPT ---Small Bulk ---Large Bulk ---No Recovery ---Water Table

Lab testing: AL = Atterberg Limits; EI = Expansion Index; SA = Sieve Analysis; RV = R-Value Test; SR = Sulfate/Resisitivity Test; SH = Shear Test; HC= Consolidation; MD = Maximum Density

APPENDIX B

GEOPHYSICAL INVESTIGATION REPORT – SUBSURFACE SURVEYS & ASSOCIATES, INC.

GEOTEK

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, CA 92011

Office: (760) 476-0492
Fax: (760) 476-0493

October 27, 2016

Project/Invoice No. 16-515

GeoTek
710 East Parkridge Avenue, Suite 105
Corona, California 92879

Attn: Anna Scott

Re: Geophysical Investigation Report, Industrial Warehouse, 901 E South St, Anaheim, California.

This report is to present the results of our geophysical survey carried out over interior portions of an industrial warehouse located at 901 East South Street in Anaheim, California (Figure 1). The survey was performed on October 26, 2016, and its purpose was to detect and delineate, insofar as possible, pipes, conduits, utilities, and other underground obstructions within the immediate vicinity of nine (9) proposed boreholes.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also brought to the field and used where risers exist onto which a signal could be impressed and traced.

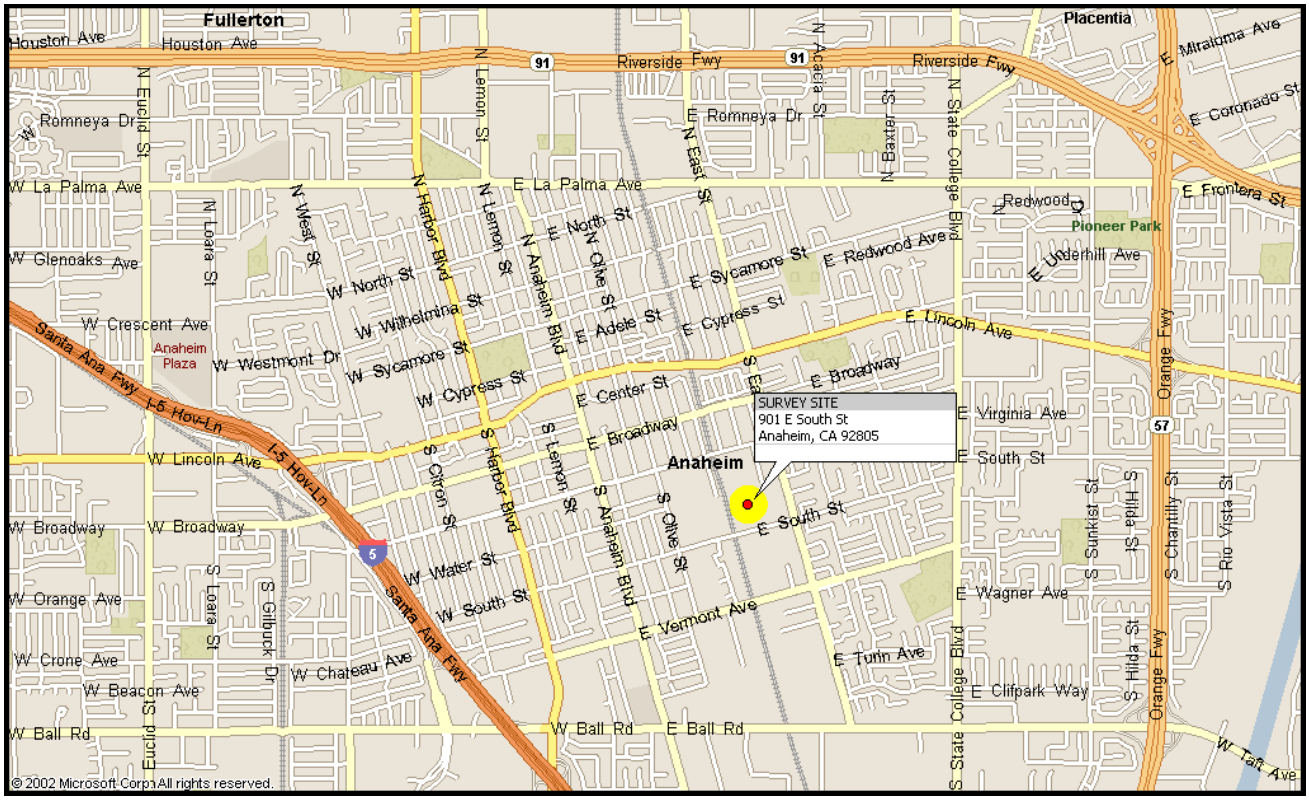


FIGURE 1. Site location map.

Survey Design – The areas to survey were indicated in the field by the client and included nine boreholes distributed widely throughout all portions of the warehouse's interior.

Note that the interior survey areas possessed rebar-reinforced concrete and were all in the immediate vicinity of aboveground metallic obstructions which completely negated the effective use of the EM and magnetic instruments and, in some cases, limited the available traversing space and orientations over which GPR and line tracing could be performed. Consequently, the survey here was somewhat limited.

For this particular site and survey objectives, the best use of time was achieved by systematically free-traversing with the instruments while monitoring them manually, continuously, and in real-time to determine which responses were significant and due to true subsurface targets, and which were due to other non-target or above-ground features and must be ignored (an example being aboveground machinery and storage racks causing false radar echoes). In these situations, the free-traversing method is advantageous in that it allows for immediate detection of anomalous objects and facilitates the opportunity to investigate them further despite any obstructions or interferences and without the need to first download data. Where open space was available, the GPR was traversed systematically over the survey areas in multiple, organized directions. If possible, additional traverses were taken for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

A Sensors & Software Noggin Ground Penetrating Radar unit with a 500 MHz antenna produced the radar images. The utility locators included a Metrotech 9890 and a RIDGID SR-60 SeekTech.

Brief Description of the Geophysical Methods Applied – The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the site's ground cover with white spray chalk, discussed with the client, and further documented with site photographs of the proposed boreholes (Figures 2-10). Note that the borehole photographs are presented in order beginning with the southern-most

drill location then proceeding incrementally to the north.

Detected items were painted out on site in white spray chalk but are color-coded in the accompanying photographs in standard colors using red for electric, green for floor drain, and white for concrete footings, atypically thick concrete, and pipes of unknown utility type. Please review the site photographs for the final locations of the nine proposed boreholes and the locations and orientations of all items detected in their immediate vicinity.

At the conclusion of the survey, all proposed boreholes were re-positioned by the client, if needed, so as to avoid detected obstructions. In their final locations, each was marked with a high-visibility pink dot.

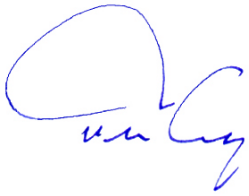
Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which such might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limited GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing or vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



Travis Crosby
California State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys

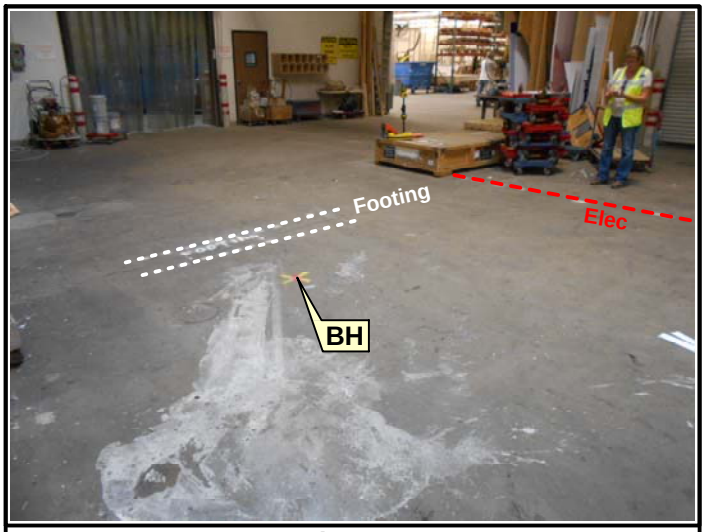


Figure 2

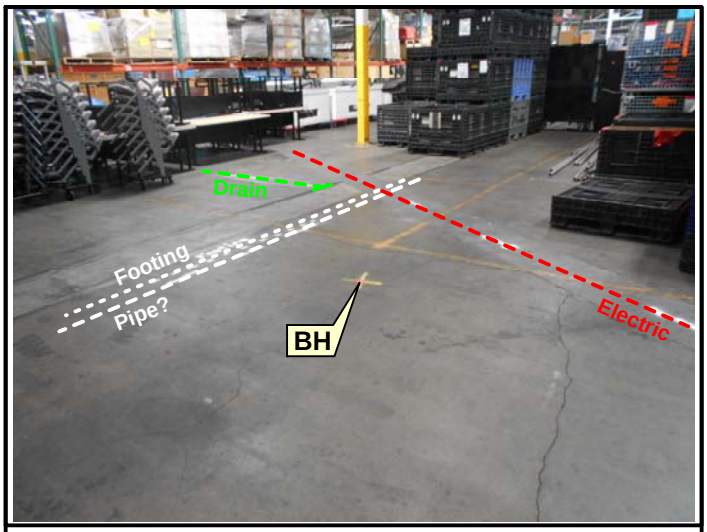


Figure 3

Figure 4

Figure 5

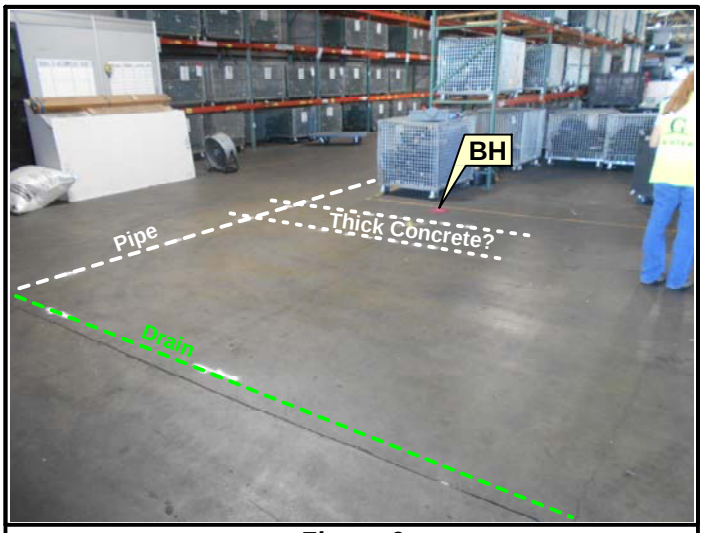


Figure 6

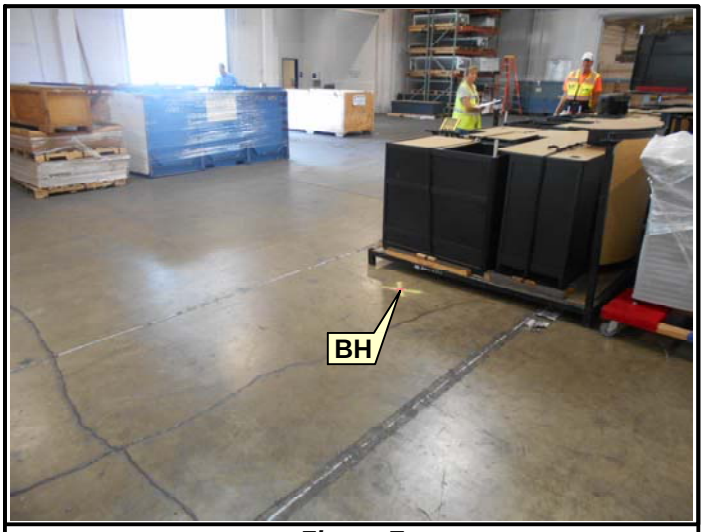


Figure 7

Sub Surface Surveys	SITE: **Industrial Warehouse** **901 East South Street** **Anaheim, California**	TITLE: **Borehole Photographs**	SURVEY DATE: **October 26, 2016**
		PREPARED FOR: **GeoTek**	SSS PROJECT NO: **16-515**

Figure 8

Figure 9

Figure 10

Sub Surface Surveys	SITE: **Industrial Warehouse** **901 East South Street** **Anaheim, California**	TITLE: **Borehole Photographs**	SURVEY DATE: **October 26, 2016**
		PREPARED FOR: **GeoTek**	SSS PROJECT NO: **16-515**

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

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Carlsbad, CA 92011

Office: (760) 476-0492
Fax: (760) 476-0493

January 4, 2017

Project/Invoice No. 17-003

GeoTek
710 East Parkridge Avenue, Suite 105
Corona, California 92879

Attn: Anna Scott

Re: Geophysical Investigation Report, Industrial Warehouse, 901 E South St, Anaheim, California.

This report is to present the results of our geophysical survey carried out over interior and exterior portions of an industrial warehouse located at 901 East South Street in Anaheim, California (Figure 1). The survey was performed on January 4, 2017, and its purpose was to detect and delineate, insofar as possible, pipes, conduits, utilities, and other underground obstructions within the immediate vicinity of six (6) proposed boreholes.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also brought to the field and used where risers exist onto which a signal could be impressed and traced.

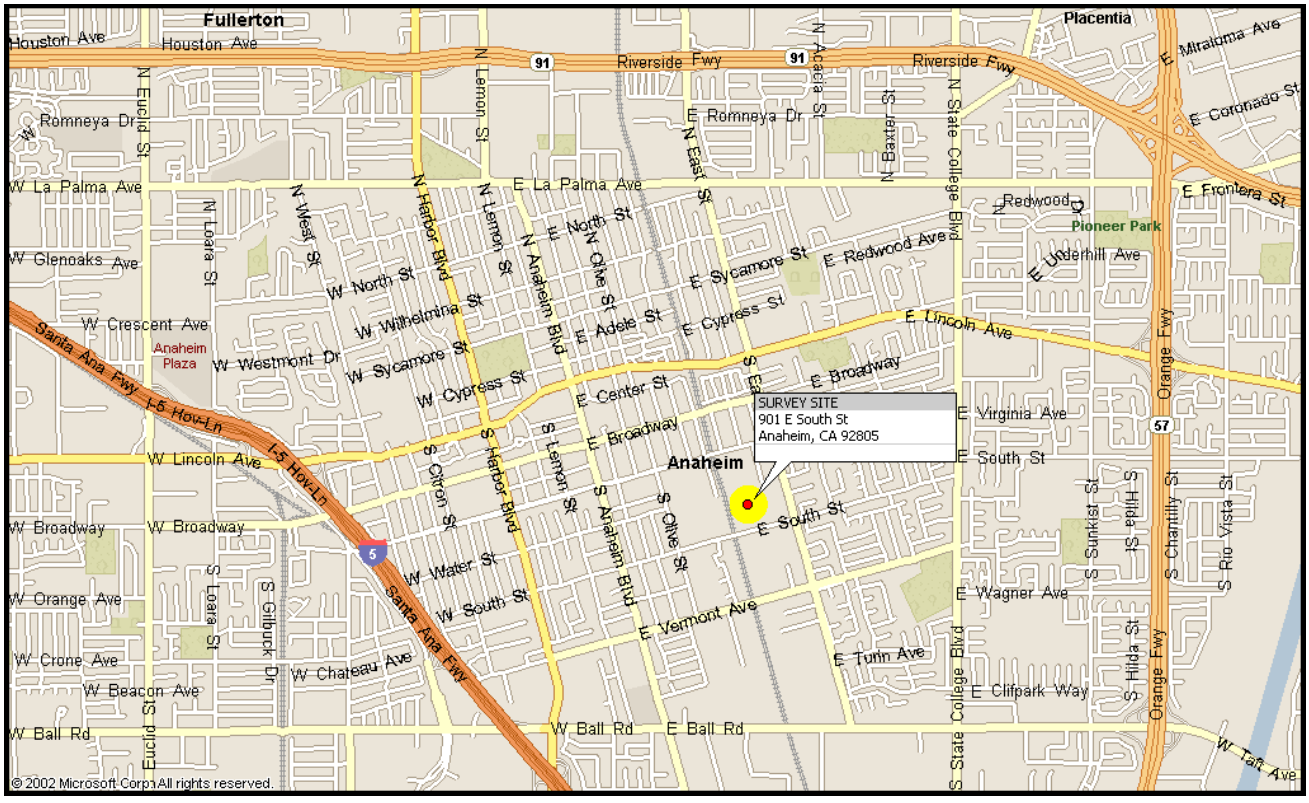


FIGURE 1. Site location map.

Survey Design – The areas to survey were indicated in the field by the client and included two exterior boreholes within a parking lot and driveway, and four boreholes within the warehouse interior.

Note that the interior survey areas possessed rebar-reinforced concrete and were all in the immediate vicinity of aboveground metallic obstructions which completely negated the effective use of the EM and magnetic instruments and, in some cases, limited the available traversing space and orientations over which GPR and line tracing could be performed. Consequently, the survey here was somewhat limited.

For this particular site and survey objectives, the best use of time was achieved by systematically free-traversing with the instruments while monitoring them manually, continuously, and in real-time to determine which responses were significant and due to true subsurface targets, and which were due to other non-target or above-ground features and must be ignored (an example being aboveground machinery and storage racks causing false radar echoes). In these situations, the free-traversing method is advantageous in that it allows for immediate detection of anomalous objects and facilitates the opportunity to investigate them further despite any obstructions or interferences and without the need to first download data. Where applicable and depending on area, the EM, GPR, and magnetic instruments were traversed systematically over the survey areas in multiple, organized directions. If possible, additional traverses were taken for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

A Geonic's model EM61 and a Fischer TW-6 M-Scope were used for the EM sampling. A Sensors & Software Noggin Ground Penetrating Radar unit with a 500 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a Metrotech 9890 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied – The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response as anomalous conditions. The strength of the secondary field is a function of the conductivity of the object; say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet below ground surface (bgs) for the M-Scope are sensed. The device is also somewhat

focused; that is, it is more sensitive to conductors below the instrument than they are to conductors off to the side.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the exterior portion of the site with spray paint, within the interior with spray chalk, were discussed with the client, and are further documented with site photographs of the proposed boreholes (Figures 2-7). Note that the boreholes in each photograph are labeled according to GeoTek's own borehole numbering scheme.

Detected items were painted out on site in spray chalk or paint in standard colors using red for electric, green for storm drain drain, blue for water, and white for concrete footings and questionable pipe-like anomalies. Please review the site photographs for the final locations of the six proposed boreholes and the locations and orientations of all items detected in their immediate vicinity.

At the conclusion of the survey, all proposed boreholes were re-positioned by the client, if needed, so as to avoid detected obstructions. In their final locations, each was marked in high-visibility pink paint.

Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which such might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limited GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing

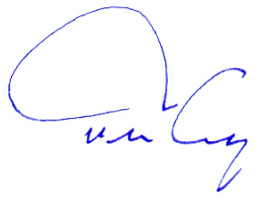
signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing or vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



Travis Crosby
California State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys

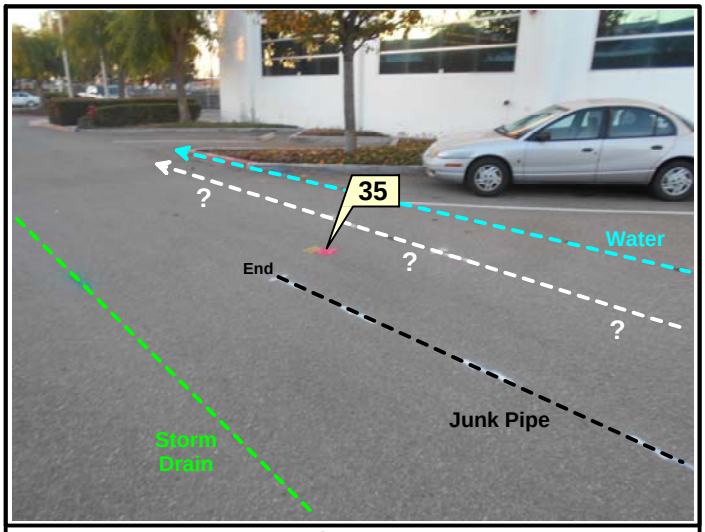


Figure 2

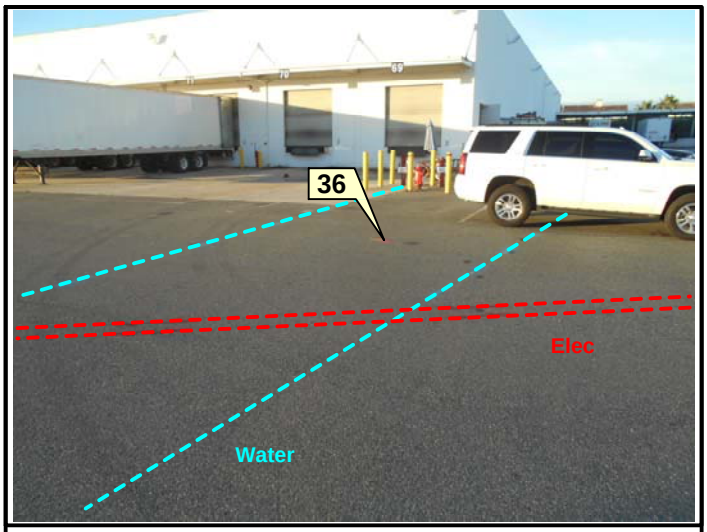


Figure 3

Figure 4

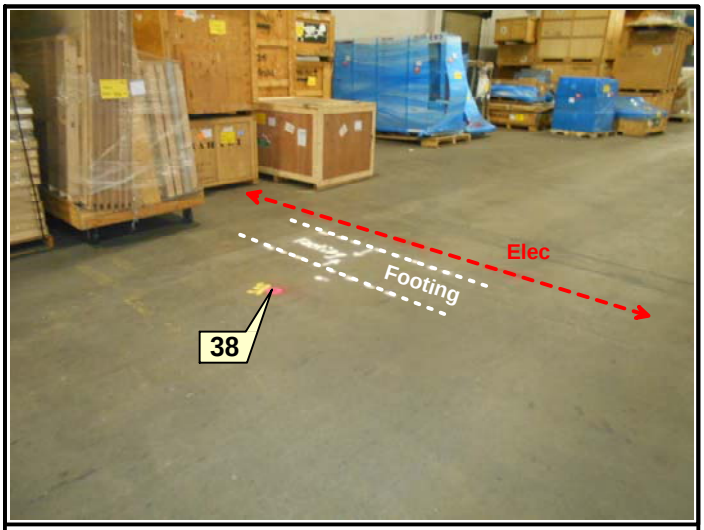


Figure 5

Figure 6

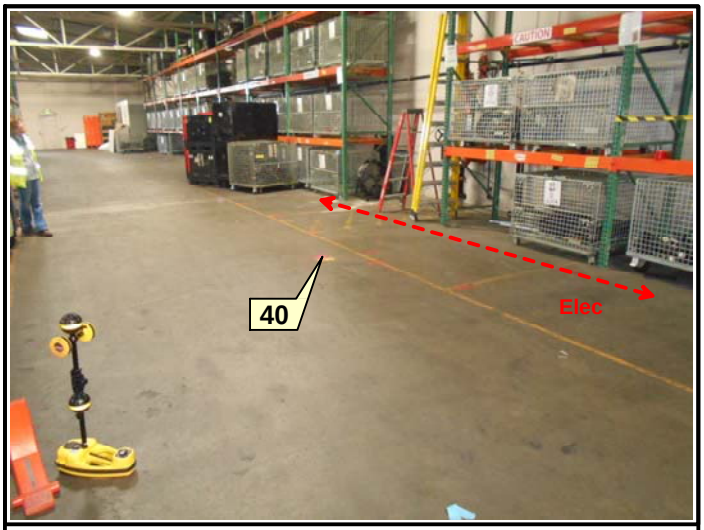


Figure 7

Sub Surface Surveys	SITE: **Industrial Warehouse** **901 East South Street** **Anaheim, California**	TITLE: **Borehole Photographs**	SURVEY DATE: **January 4, 2017**
		PREPARED FOR: **GeoTek**	SSS PROJECT NO: **17-003**

APPENDIX C

SOIL LABORATORY TEST RESULTS

GEOTEK

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2017
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	GeoTek, Inc.
Laboratory Reference:	GTK 22406
Project Name:	Shopoff Land Fund IV
Project Number:	1555-CR
Date Received:	9/30/2016
Date Reported:	10/7/2016
Chain of Custody Received:	☑
Analytical Method:	8015B, 8082, 8260B, 8270C, 6010B, 7471A,

Mark Noorani, Laboratory Director

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	Soil
B-1@5'	22406-002	9/30/2016	9/30/2016	Soil
B-2@2'	22406-003	9/30/2016	9/30/2016	Soil
B-2@5'	22406-004	9/30/2016	9/30/2016	Soil
B-2@10'	22406-005	9/30/2016	9/30/2016	Soil
B-3@2'	22406-006	9/30/2016	9/30/2016	Soil
B-3@5'	22406-007	9/30/2016	9/30/2016	Soil
B-4@2'	22406-008	9/30/2016	9/30/2016	Soil
B-4@5'	22406-009	9/30/2016	9/30/2016	Soil
B-4@10'	22406-010	9/30/2016	9/30/2016	Soil
B-5@2'	22406-011	9/30/2016	9/30/2016	Soil
B-5@5'	22406-012	9/30/2016	9/30/2016	Soil
B-7@2'	22406-013	9/30/2016	9/30/2016	Soil
B-7@5'	22406-014	9/30/2016	9/30/2016	Soil
B-8@2'	22406-015	9/30/2016	9/30/2016	Soil
B-8@5'	22406-016	9/30/2016	9/30/2016	Soil
B-8@10'	22406-017	9/30/2016	9/30/2016	Soil
B-9@2'	22406-018	9/30/2016	9/30/2016	Soil
B-9@5'	22406-019	9/30/2016	9/30/2016	Soil
B-10@2'	22406-020	9/30/2016	9/30/2016	Soil
B-10@5'	22406-021	9/30/2016	9/30/2016	Soil
B-10@10'	22406-022	9/30/2016	9/30/2016	Soil
B-11@2'	22406-023	9/30/2016	9/30/2016	Soil
B-11@5'	22406-024	9/30/2016	9/30/2016	Soil
B-12@2'	22406-025	9/30/2016	9/30/2016	Soil
B-12@5'	22406-026	9/30/2016	9/30/2016	Soil
B-12@10'	22406-027	9/30/2016	9/30/2016	Soil
B-13@2'	22406-028	9/30/2016	9/30/2016	Soil
B-13@5'	22406-029	9/30/2016	9/30/2016	Soil
B-14@2'	22406-030	9/30/2016	9/30/2016	Soil
B-14@5'	22406-031	9/30/2016	9/30/2016	Soil

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-14@10'	22406-032	9/30/2016	9/30/2016	Soil
B-15@2'	22406-033	9/30/2016	9/30/2016	Soil
B-15@5'	22406-034	9/30/2016	9/30/2016	Soil
B-16@2'	22406-035	9/30/2016	9/30/2016	Soil
B-16@5'	22406-036	9/30/2016	9/30/2016	Soil
B-16@10'	22406-037	9/30/2016	9/30/2016	Soil
B-17@2'	22406-038	9/30/2016	9/30/2016	Soil
B-17@5'	22406-039	9/30/2016	9/30/2016	Soil
B-18@2'	22406-040	9/30/2016	9/30/2016	Soil
B-18@5'	22406-041	9/30/2016	9/30/2016	Soil
B-19@2'	22406-042	9/30/2016	9/30/2016	Soil
B-19@5'	22406-043	9/30/2016	9/30/2016	Soil
B-20@2'	22406-044	9/30/2016	9/30/2016	Soil
B-20@5'	22406-045	9/30/2016	9/30/2016	Soil
B-18@10'	22406-046	9/30/2016	9/30/2016	Soil
B-21@2'	22406-047	9/30/2016	9/30/2016	Soil
B-21@5'	22406-048	9/30/2016	9/30/2016	Soil
B-22@2'	22406-049	9/30/2016	9/30/2016	Soil
B-22@5'	22406-050	9/30/2016	9/30/2016	Soil
B-22@10'	22406-051	9/30/2016	9/30/2016	Soil
B-23@2'	22406-052	9/30/2016	9/30/2016	Soil
B-23@5'	22406-053	9/30/2016	9/30/2016	Soil
B-24@2'	22406-054	9/30/2016	9/30/2016	Soil
B-24@5'	22406-055	9/30/2016	9/30/2016	Soil
B-24@10'	22406-056	9/30/2016	9/30/2016	Soil
B-25@2'	22406-057	9/30/2016	9/30/2016	Soil
B-25@5'	22406-058	9/30/2016	9/30/2016	Soil
B-20@10'	22406-059	9/30/2016	9/30/2016	Soil

Ms. Anna Scott
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	114
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	32	Octacosane	114
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-2@2'	22406-003	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	122
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-2@2'	22406-003	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	33	Octacosane	122
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	106
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	71	Octacosane	106
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@2'	22406-008	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	93
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@2'	22406-008	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	83	Octacosane	93
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-5@2'	22406-011	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	101
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-5@2'	22406-011	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	36	Octacosane	101
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-7@2'	22406-013	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	115
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-7@2'	22406-013	9/30/2016	9/30/2016	10/4/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	48	Octacosane	115
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-8@2'	22406-015	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	116
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-8@2'	22406-015	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	56	Octacosane	116
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-9@2'	22406-018	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	113
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-9@2'	22406-018	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	58	Octacosane	113
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@2'	22406-020	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	11	Octacosane	108
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@2'	22406-020	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	160	Octacosane	108
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-11@2'	22406-023	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-11@2'	22406-023	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	31	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@2'	22406-025	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	100	Octacosane	150
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@2'	22406-025	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	420	Octacosane	150
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	17	Octacosane	126
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	100	Octacosane	126
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-14@2'	22406-030	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	140
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-14@2'	22406-030	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	40	Octacosane	140
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	111
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	140	Octacosane	111
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-16@2'	22406-035	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	113
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-16@2'	22406-035	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	140	Octacosane	113
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-17@2'	22406-038	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	128
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-17@2'	22406-038	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	41	Octacosane	128
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@2'	22406-040	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	32	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@2'	22406-040	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	230	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-19@2'	22406-042	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	119
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-19@2'	22406-042	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	36	Octacosane	119
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-20@2'	22406-044	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-20@2'	22406-044	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	39	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-22@2'	22406-049	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	101
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-22@2'	22406-049	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	32	Octacosane	101
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	132
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	33	Octacosane	132
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@2'	22406-054	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	160	Octacosane	131
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@2'	22406-054	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	590	Octacosane	131
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	100
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	10/5/2016	10/6/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	74	Octacosane	100
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1004162			10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	96
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1004162			10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	96
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1005162			10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	100

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1005162			10/5/2016	10/5/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	100

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	10/3/2016	10/3/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-2@2'	22406-003	9/30/2016	9/30/2016	10/3/2016	10/3/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	77
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	10/3/2016	10/3/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@2'	22406-008	9/30/2016	9/30/2016	10/3/2016	10/3/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-5@2'	22406-011	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	77
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Ms. Anna Scott
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-7@2'	22406-013	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	77
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-8@2'	22406-015	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	77
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-9@2'	22406-018	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@2'	22406-020	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	76
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-11@2'	22406-023	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Ms. Anna Scott
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@2'	22406-025	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-14@2'	22406-030	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	71
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	70
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-16@2'	22406-035	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	68
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Ms. Anna Scott
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-17@2'	22406-038	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@2'	22406-040	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	71
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-19@2'	22406-042	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	70
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-20@2'	22406-044	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	71
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	68
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-22@2'	22406-049	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	69
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	69
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@2'	22406-054	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	69
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	69
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1003161			10/3/2016	10/3/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	81
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1004161			10/4/2016	10/4/2016	Soil

ANALYTE	mg/kg
TPH as GROs(C6-C10)	<0.25

Surrogate:	% RC*
α-α-α-Trifluorotoluene	79

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 46-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-7@2'	22406-013	9/30/2016	9/30/2016	10/5/2016	10/7/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 86
* Acceptable Recovery: 31-146 %
Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@2'	22406-025	9/30/2016	9/30/2016	10/5/2016	10/7/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<50
PCB-1221	11104-28-2	<50
PCB-1232	11141-16-5	<50
PCB-1242	53469-21-9	<50
PCB-1248	12672-29-6	<50
PCB-1254	11097-69-1	<50
PCB-1260	11096-82-5	<50

Surrogate: % RC*
Decachlorobiphenyl 102
* Acceptable Recovery: 31-146 %
Dilution Factor: 2
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/5/2016	10/7/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 140
* Acceptable Recovery: 31-146 %
Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV1005164			10/5/2016	10/5/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	104

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	53	33-130 %
Toluene-d8:	70	60-130 %
4-Bromofluorobenzene:	61	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	52	33-130 %
Toluene-d8:	70	60-130 %
4-Bromofluorobenzene:	61	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-5@2'	22406-011	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	52	33-130 %
Toluene-d8:	69	60-130 %
4-Bromofluorobenzene:	60	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-9@2'	22406-018	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	54	33-130 %
Toluene-d8:	69	60-130 %
4-Bromofluorobenzene:	61	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
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Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-11@2'	22406-023	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	54	33-130 %
Toluene-d8:	70	60-130 %
4-Bromofluorobenzene:	61	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/3/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	53	33-130 %
Toluene-d8:	68	60-130 %
4-Bromofluorobenzene:	60	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	68	33-130 %
Toluene-d8:	67	60-130 %
4-Bromofluorobenzene:	58	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	71	33-130 %
Toluene-d8:	66	60-130 %
4-Bromofluorobenzene:	58	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	72	33-130 %
Toluene-d8:	65	60-130 %
4-Bromofluorobenzene:	58	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	10/4/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	72	33-130 %
Toluene-d8:	66	60-130 %
4-Bromofluorobenzene:	58	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBHT1004161			10/4/2016	10/4/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	77	33-130 %
Toluene-d8:	67	60-130 %
4-Bromofluorobenzene:	60	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN1003161			10/3/2016	10/3/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	109	33-130 %
Toluene-d8:	79	60-130 %
4-Bromofluorobenzene:	75	54-130 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Semi Volatile Organics by GC/MS (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-7@2'	22406-013	9/30/2016	9/30/2016	10/6/2016	10/6/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<600	Di-n-octyl phthalate:	117-84-0	<600
Acenaphthylene:	208-96-8	<600	Fluoranthene:	206-44-0	<600
Aniline:	62-53-3	<600	Fluorene:	86-73-7	<600
Anthracene:	120-12-7	<600	Hexachlorobenzene:	118-74-1	<600
Benz(a)anthracene:	56-55-3	<600	Hexachlorobutadiene:	87-68-3	<600
Benzo(b)fluoranthene:	205-99-2	<600	Hexachlorocyclopentadiene:	77-47-4	<3000
Benzo(k)fluoranthene:	207-08-9	<600	Hexachloroethane:	67-72-1	<600
Benzo(g,h,i)perylene:	191-24-2	<600	Indeno(1,2,3-cd)pyrene:	193-39-5	<600
Benzo(a)pyrene:	50-32-8	<600	Isophorone:	78-59-1	<600
Benzyl alcohol:	100-51-6	<600	2-Methylnaphthalene:	91-57-6	<600
bis-(2-chloroethoxy) methane:	111-91-1	<600	2-Methylphenol:	95-48-7	<600
bis-(2-chloroethyl) ether:	111-44-4	<600	3 & 4-Methylphenol:	108-39-4, 106-44-5	<600
bis-(2-chloroisopropyl) ether:	108-60-1	<600	Naphthalene:	91-20-3	<600
bis-(2-ethylhexyl) phthalate:	117-81-7	<600	2-Nitroaniline:	88-74-4	<1500
4-Bromophenyl phenyl ether:	101-55-3	<600	3-Nitroaniline:	99-09-2	<1500
Butyl benzyl phthalate:	85-68-7	<600	4-Nitroaniline:	100-01-6	<1500
4-Chloroaniline:	106-47-8	<600	Nitrobenzene:	98-95-3	<600
2-Chloronaphthalene:	91-58-7	<600	2-Nitrophenol:	88-75-5	<600
4-Chloro-3-methylphenol:	59-50-7	<600	4-Nitrophenol:	100-02-7	<6000
2-Chlorophenol:	95-57-8	<600	N-Nitrosodiphenylamine:	86-30-6	<600
4-Chlorophenyl phenyl ether:	7005-72-3	<600	N-Nitrosodi-n-propylamine:	621-64-7	<600
Chrysene:	218-01-9	<600	N-Nitrosodimethylamine:	62-75-9	<600
Dibenz(a,h)anthracene:	53-70-3	<600	Pentachlorophenol:	87-86-5	<3000
Dibenzofuran:	132-64-9	<600	Phenanthrene:	85-01-8	<600
Di-n-butyl phthalate:	84-74-2	<600	Phenol:	108-95-2	<600
1,2-Dichlorobenzene:	95-50-1	<600	Pyrene:	129-00-0	<600
1,3-Dichlorobenzene:	541-73-1	<600	1,2,4-Trichlorobenzene:	120-82-1	<600
1,4-Dichlorobenzene:	106-46-7	<600	2,4,5-Trichlorophenol:	95-95-4	<600
2,4-Dichlorophenol:	120-83-2	<600	2,4,6-Trichlorophenol:	88-06-2	<600
Diethyl phthalate:	84-66-2	<600			
2,4-Dimethylphenol:	105-67-9	<600			
Dimethyl phthalate:	131-11-3	<600			
4,6-Dinitro-2-methylphenol:	534-52-1	<6000			
2,4-Dinitrophenol:	51-28-5	<6000			
2,4-Dinitrotoluene:	121-14-2	<1500			
2,6-Dinitrotoluene:	606-20-2	<1500			

Surrogate:	% RC	Acceptable % RC
2-Fluorophenol:	113	25-130 %
Phenol-d6:	115	30-130 %
Nitrobenzene-d5:	122	29-130 %
2-Fluorobiphenyl:	136	35-130 %
2,4,6-Tribromophenol:	101	33-130 %
Terphenyl-d14:	152	43-143 %

Dilution Factor: 1

Data Qualifiers: S1,

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Semi Volatile Organics by GC/MS (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@2'	22406-025	9/30/2016	9/30/2016	10/6/2016	10/6/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<600	Di-n-octyl phthalate:	117-84-0	<600
Acenaphthylene:	208-96-8	<600	Fluoranthene:	206-44-0	<600
Aniline:	62-53-3	<600	Fluorene:	86-73-7	<600
Anthracene:	120-12-7	<600	Hexachlorobenzene:	118-74-1	<600
Benz(a)anthracene:	56-55-3	<600	Hexachlorobutadiene:	87-68-3	<600
Benzo(b)fluoranthene:	205-99-2	<600	Hexachlorocyclopentadiene:	77-47-4	<3000
Benzo(k)fluoranthene:	207-08-9	<600	Hexachloroethane:	67-72-1	<600
Benzo(g,h,i)perylene:	191-24-2	<600	Indeno(1,2,3-cd)pyrene:	193-39-5	<600
Benzo(a)pyrene:	50-32-8	<600	Isophorone:	78-59-1	<600
Benzyl alcohol:	100-51-6	<600	2-Methylnaphthalene:	91-57-6	<600
bis-(2-chloroethoxy) methane:	111-91-1	<600	2-Methylphenol:	95-48-7	<600
bis-(2-chloroethyl) ether:	111-44-4	<600	3 & 4-Methylphenol:	108-39-4, 106-44-5	<600
bis-(2-chloroisopropyl) ether:	108-60-1	<600	Naphthalene:	91-20-3	<600
bis-(2-ethylhexyl) phthalate:	117-81-7	<600	2-Nitroaniline:	88-74-4	<1500
4-Bromophenyl phenyl ether:	101-55-3	<600	3-Nitroaniline:	99-09-2	<1500
Butyl benzyl phthalate:	85-68-7	<600	4-Nitroaniline:	100-01-6	<1500
4-Chloroaniline:	106-47-8	<600	Nitrobenzene:	98-95-3	<600
2-Chloronaphthalene:	91-58-7	<600	2-Nitrophenol:	88-75-5	<600
4-Chloro-3-methylphenol:	59-50-7	<600	4-Nitrophenol:	100-02-7	<6000
2-Chlorophenol:	95-57-8	<600	N-Nitrosodiphenylamine:	86-30-6	<600
4-Chlorophenyl phenyl ether:	7005-72-3	<600	N-Nitrosodi-n-propylamine:	621-64-7	<600
Chrysene:	218-01-9	<600	N-Nitrosodimethylamine:	62-75-9	<600
Dibenz(a,h)anthracene:	53-70-3	<600	Pentachlorophenol:	87-86-5	<3000
Dibenzofuran:	132-64-9	<600	Phenanthrene:	85-01-8	<600
Di-n-butyl phthalate:	84-74-2	<600	Phenol:	108-95-2	<600
1,2-Dichlorobenzene:	95-50-1	<600	Pyrene:	129-00-0	<600
1,3-Dichlorobenzene:	541-73-1	<600	1,2,4-Trichlorobenzene:	120-82-1	<600
1,4-Dichlorobenzene:	106-46-7	<600	2,4,5-Trichlorophenol:	95-95-4	<600
2,4-Dichlorophenol:	120-83-2	<600	2,4,6-Trichlorophenol:	88-06-2	<600
Diethyl phthalate:	84-66-2	<600			
2,4-Dimethylphenol:	105-67-9	<600			
Dimethyl phthalate:	131-11-3	<600			
4,6-Dinitro-2-methylphenol:	534-52-1	<6000			
2,4-Dinitrophenol:	51-28-5	<6000			
2,4-Dinitrotoluene:	121-14-2	<1500			
2,6-Dinitrotoluene:	606-20-2	<1500			

Surrogate:	% RC	Acceptable % RC
2-Fluorophenol:	29	25-130 %
Phenol-d6:	29	30-130 %
Nitrobenzene-d5:	30	29-130 %
2-Fluorobiphenyl:	30	35-130 %
2,4,6-Tribromophenol:	35	33-130 %
Terphenyl-d14:	34	43-143 %

Dilution Factor: 1

Data Qualifiers: S5,

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Semi Volatile Organics by GC/MS (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	10/6/2016	10/6/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<600	Di-n-octyl phthalate:	117-84-0	<600
Acenaphthylene:	208-96-8	<600	Fluoranthene:	206-44-0	<600
Aniline:	62-53-3	<600	Fluorene:	86-73-7	<600
Anthracene:	120-12-7	<600	Hexachlorobenzene:	118-74-1	<600
Benz(a)anthracene:	56-55-3	<600	Hexachlorobutadiene:	87-68-3	<600
Benzo(b)fluoranthene:	205-99-2	<600	Hexachlorocyclopentadiene:	77-47-4	<3000
Benzo(k)fluoranthene:	207-08-9	<600	Hexachloroethane:	67-72-1	<600
Benzo(g,h,i)perylene:	191-24-2	<600	Indeno(1,2,3-cd)pyrene:	193-39-5	<600
Benzo(a)pyrene:	50-32-8	<600	Isophorone:	78-59-1	<600
Benzyl alcohol:	100-51-6	<600	2-Methylnaphthalene:	91-57-6	<600
bis-(2-chloroethoxy) methane:	111-91-1	<600	2-Methylphenol:	95-48-7	<600
bis-(2-chloroethyl) ether:	111-44-4	<600	3 & 4-Methylphenol:	108-39-4, 106-44-5	<600
bis-(2-chloroisopropyl) ether:	108-60-1	<600	Naphthalene:	91-20-3	<600
bis-(2-ethylhexyl) phthalate:	117-81-7	<600	2-Nitroaniline:	88-74-4	<1500
4-Bromophenyl phenyl ether:	101-55-3	<600	3-Nitroaniline:	99-09-2	<1500
Butyl benzyl phthalate:	85-68-7	<600	4-Nitroaniline:	100-01-6	<1500
4-Chloroaniline:	106-47-8	<600	Nitrobenzene:	98-95-3	<600
2-Chloronaphthalene:	91-58-7	<600	2-Nitrophenol:	88-75-5	<600
4-Chloro-3-methylphenol:	59-50-7	<600	4-Nitrophenol:	100-02-7	<6000
2-Chlorophenol:	95-57-8	<600	N-Nitrosodiphenylamine:	86-30-6	<600
4-Chlorophenyl phenyl ether:	7005-72-3	<600	N-Nitrosodi-n-propylamine:	621-64-7	<600
Chrysene:	218-01-9	<600	N-Nitrosodimethylamine:	62-75-9	<600
Dibenz(a,h)anthracene:	53-70-3	<600	Pentachlorophenol:	87-86-5	<3000
Dibenzofuran:	132-64-9	<600	Phenanthrene:	85-01-8	<600
Di-n-butyl phthalate:	84-74-2	<600	Phenol:	108-95-2	<600
1,2-Dichlorobenzene:	95-50-1	<600	Pyrene:	129-00-0	<600
1,3-Dichlorobenzene:	541-73-1	<600	1,2,4-Trichlorobenzene:	120-82-1	<600
1,4-Dichlorobenzene:	106-46-7	<600	2,4,5-Trichlorophenol:	95-95-4	<600
2,4-Dichlorophenol:	120-83-2	<600	2,4,6-Trichlorophenol:	88-06-2	<600
Diethyl phthalate:	84-66-2	<600			
2,4-Dimethylphenol:	105-67-9	<600			
Dimethyl phthalate:	131-11-3	<600			
4,6-Dinitro-2-methylphenol:	534-52-1	<6000			
2,4-Dinitrophenol:	51-28-5	<6000			
2,4-Dinitrotoluene:	121-14-2	<1500			
2,6-Dinitrotoluene:	606-20-2	<1500			

Surrogate:	% RC	Acceptable % RC
2-Fluorophenol:	91	25-130 %
Phenol-d6:	92	30-130 %
Nitrobenzene-d5:	92	29-130 %
2-Fluorobiphenyl:	109	35-130 %
2,4,6-Tribromophenol:	89	33-130 %
Terphenyl-d14:	124	43-143 %

Dilution Factor: 1

Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Semi Volatile Organics by GC/MS (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV1006161			10/6/2016	10/6/2016	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<600	Di-n-octyl phthalate:	117-84-0	<600
Acenaphthylene:	208-96-8	<600	Fluoranthene:	206-44-0	<600
Aniline:	62-53-3	<600	Fluorene:	86-73-7	<600
Anthracene:	120-12-7	<600	Hexachlorobenzene:	118-74-1	<600
Benz(a)anthracene:	56-55-3	<600	Hexachlorobutadiene:	87-68-3	<600
Benzo(b)fluoranthene:	205-99-2	<600	Hexachlorocyclopentadiene:	77-47-4	<3000
Benzo(k)fluoranthene:	207-08-9	<600	Hexachloroethane:	67-72-1	<600
Benzo(g,h,i)perylene:	191-24-2	<600	Indeno(1,2,3-cd)pyrene:	193-39-5	<600
Benzo(a)pyrene:	50-32-8	<600	Isophorone:	78-59-1	<600
Benzyl alcohol:	100-51-6	<600	2-Methylnaphthalene:	91-57-6	<600
bis-(2-chloroethoxy) methane:	111-91-1	<600	2-Methylphenol:	95-48-7	<600
bis-(2-chloroethyl) ether:	111-44-4	<600	3 & 4-Methylphenol:	108-39-4, 106-44-5	<600
bis-(2-chloroisopropyl) ether:	108-60-1	<600	Naphthalene:	91-20-3	<600
bis-(2-ethylhexyl) phthalate:	117-81-7	<600	2-Nitroaniline:	88-74-4	<1500
4-Bromophenyl phenyl ether:	101-55-3	<600	3-Nitroaniline:	99-09-2	<1500
Butyl benzyl phthalate:	85-68-7	<600	4-Nitroaniline:	100-01-6	<1500
4-Chloroaniline:	106-47-8	<600	Nitrobenzene:	98-95-3	<600
2-Chloronaphthalene:	91-58-7	<600	2-Nitrophenol:	88-75-5	<600
4-Chloro-3-methylphenol:	59-50-7	<600	4-Nitrophenol:	100-02-7	<6000
2-Chlorophenol:	95-57-8	<600	N-Nitrosodiphenylamine:	86-30-6	<600
4-Chlorophenyl phenyl ether:	7005-72-3	<600	N-Nitrosodi-n-propylamine:	621-64-7	<600
Chrysene:	218-01-9	<600	N-Nitrosodimethylamine:	62-75-9	<600
Dibenz(a,h)anthracene:	53-70-3	<600	Pentachlorophenol:	87-86-5	<3000
Dibenzofuran:	132-64-9	<600	Phenanthrene:	85-01-8	<600
Di-n-butyl phthalate:	84-74-2	<600	Phenol:	108-95-2	<600
1,2-Dichlorobenzene:	95-50-1	<600	Pyrene:	129-00-0	<600
1,3-Dichlorobenzene:	541-73-1	<600	1,2,4-Trichlorobenzene:	120-82-1	<600
1,4-Dichlorobenzene:	106-46-7	<600	2,4,5-Trichlorophenol:	95-95-4	<600
2,4-Dichlorophenol:	120-83-2	<600	2,4,6-Trichlorophenol:	88-06-2	<600
Diethyl phthalate:	84-66-2	<600			
2,4-Dimethylphenol:	105-67-9	<600			
Dimethyl phthalate:	131-11-3	<600			
4,6-Dinitro-2-methylphenol:	534-52-1	<6000			
2,4-Dinitrophenol:	51-28-5	<6000			
2,4-Dinitrotoluene:	121-14-2	<1500			
2,6-Dinitrotoluene:	606-20-2	<1500			

Surrogate:	% RC	Acceptable % RC
2-Fluorophenol:	61	25-130 %
Phenol-d6:	63	30-130 %
Nitrobenzene-d5:	79	29-130 %
2-Fluorobiphenyl:	72	35-130 %
2,4,6-Tribromophenol:	71	33-130 %
Terphenyl-d14:	90	43-143 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.2	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	67	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	0.30	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	14	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	8.9	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	9.9	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	3.3	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	9.1	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	33	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	46	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.0	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	82	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	5.9	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	3.5	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	3.9	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	1.8	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	4.4	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	16	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	18	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-5@2'	22406-011	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	0.89	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	29	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	6.3	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	4.0	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	4.3	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	2.2	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	4.1	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	17	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	22	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-9@2'	22406-018	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.4	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	36	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	7.8	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	5.0	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	5.6	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	3.1	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	5.2	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	19	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	27	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
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Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-11@2'	22406-023	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	0.88	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	19	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	4.3	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	3.0	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	2.4	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	1.0	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	2.9	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	15	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	15	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
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Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-13@2'	22406-028	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	2.1	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	61	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	0.42	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	14	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	6.3	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	17	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	54	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	9.3	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	2.3	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	27	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	62	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	3.3	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	43	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	0.21	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	8.8	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	5.2	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	7.3	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	3.1	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	7.3	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	23	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	29	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
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Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.1	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	32	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	6.9	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	4.3	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	5.3	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	2.0	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	4.5	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	18	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	23	mg/kg	10/05/16	10/06/16	--	1

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Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.3	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	37	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	9.5	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	5.6	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	6.9	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	3.1	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	6.6	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	1.2	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	25	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	31	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
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Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Arsenic	6010B	1.7	mg/kg	10/05/16	10/06/16	--	1
Barium	6010B	49	mg/kg	10/05/16	10/06/16	--	1
Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
Chromium	6010B	12	mg/kg	10/05/16	10/06/16	--	1
Cobalt	6010B	6.4	mg/kg	10/05/16	10/06/16	--	1
Copper	6010B	11	mg/kg	10/05/16	10/06/16	--	1
Lead	6010B	11	mg/kg	10/05/16	10/06/16	--	1
Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1
Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
Nickel	6010B	8.5	mg/kg	10/05/16	10/06/16	--	1
Selenium	6010B	1.5	mg/kg	10/05/16	10/06/16	--	1
Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
Vanadium	6010B	26	mg/kg	10/05/16	10/06/16	--	1
Zinc	6010B	57	mg/kg	10/05/16	10/06/16	--	1

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Lab Reference #: GTK 22406
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBSG1005161	Antimony	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Arsenic	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Barium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Beryllium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Cadmium	6010B	<0.20	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Chromium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Cobalt	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Copper	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Lead	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Molybdenum	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Nickel	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Selenium	6010B	<1.0	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Silver	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Thallium	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Vanadium	6010B	<0.50	mg/kg	10/05/16	10/06/16	--	1
MBSG1005161	Zinc	6010B	<2.0	mg/kg	10/05/16	10/06/16	--	1

Method Blank								
						Soil		
MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBSG1005163	Mercury	7471A	<0.10	mg/kg	10/05/16	10/07/16	--	1

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: 22407-001
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	220	1000	1350	1400	113	118	4	70-157	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	132	126	☐

LCS	LCSD	Qual
105	112	☐

ACP % RC
63-155

Laboratory Control Sample

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: JB1004162
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1160	1310	116	131	12	70-136	20	☐

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/5/2016
Date of Analysis: 10/5/2016
Dup Date of Analysis: 10/5/2016
Laboratory Sample #: 22406-015
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1220	1260	122	126	3	70-157	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	122	122	☐

LCS	LCSD	Qual
111	103	☐

ACP % RC
63-155

Laboratory Control Sample

Date of Extraction: 10/5/2016
Date of Analysis: 10/5/2016
Dup Date of Analysis: 10/5/2016
Laboratory Sample #: JB1005162
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1110	1070	111	107	4	70-136	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/3/2016
Date of Analysis: 10/3/2016
Dup Date of Analysis: 10/3/2016
Laboratory Sample #: 22407-001
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.210	0.219	84	88	4	35-141	28	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	91	90	☐

LCS	LCSD	Qual
96	94	☐

ACP % RC
46-130

Laboratory Control Sample

Date of Extraction: 10/3/2016
Date of Analysis: 10/3/2016
Dup Date of Analysis: 10/3/2016
Laboratory Sample #: JB1003161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.225	0.242	90	97	7	46-131	32	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: 22406-011
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.203	0.222	81	89	9	35-141	28	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	88	87	☐

LCS	LCSD	Qual
91	89	☐

ACP % RC
46-130

Laboratory Control Sample

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: JB1004161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.219	0.231	88	92	5	46-131	32	☐

QA/QC Report
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/5/2016
Date of Analysis: 10/7/2016
Dup Date of Analysis: 10/7/2016
Laboratory Sample #: 22406-013
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	71.6	81.8	48	55	13	41-130	29	☐
PCB-1260	0.00	150	84.7	91.5	56	61	8	34-135	27	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	81	89	☐

LCS	LCSD	Qual
122	129	☐

ACP % RC
31-146

Laboratory Control Sample

Date of Extraction: 10/5/2016
Date of Analysis: 10/6/2016
Dup Date of Analysis: 10/6/2016
Laboratory Sample #: AV1005164
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	97.7	109	65	73	11	44-130	23	☐
PCB-1260	150	125	135	83	90	8	45-130	23	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: 22407-010
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	7.46	7.16	75	72	4	55-130	20	☐
Benzene	0.00	10.0	8.34	8.08	83	81	3	68-130	20	☐
Trichloroethene	0.00	10.0	8.86	8.46	89	85	5	67-130	20	☐
Toluene	0.00	10.0	8.09	7.94	81	79	2	70-130	20	☐
Chlorobenzene	0.00	10.0	8.79	8.56	88	86	3	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Dibromofluoromethane	73	73	☐
Toluene-d8	66	65	☐
4-Bromofluorobenzene	61	60	☐

LCS	LCSD	Qual
75	73	☐
65	66	☐
60	61	☐

ACP % RC
33-130
60-130
54-130

Laboratory Control Sample

Date of Extraction: 10/4/2016
Date of Analysis: 10/4/2016
Dup Date of Analysis: 10/4/2016
Laboratory Sample #: HT1004161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	7.19	6.86	72	69	5	58-130	20	☐
Benzene	10.0	7.96	7.79	80	78	2	70-130	20	☐
Trichloroethene	10.0	8.51	8.21	85	82	4	70-130	20	☐
Toluene	10.0	7.79	7.55	78	75	3	70-130	20	☐
Chlorobenzene	10.0	8.41	8.20	84	82	3	70-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/3/2016
Date of Analysis: 10/3/2016
Dup Date of Analysis: 10/3/2016
Laboratory Sample #: 22407-001
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	8.65	7.31	86	73	17	55-130	20	☐
Benzene	0.00	10.0	9.11	8.49	91	85	7	68-130	20	☐
Trichloroethene	0.00	10.0	9.38	8.39	94	84	11	67-130	20	☐
Toluene	0.00	10.0	7.32	7.02	73	70	4	70-130	20	☐
Chlorobenzene	0.00	10.0	7.82	7.49	78	75	4	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Dibromofluoromethane	110	100	☐
Toluene-d8	77	76	☐
4-Bromofluorobenzene	71	70	☐

LCS	LCSD	Qual
107	107	☐
77	76	☐
73	72	☐

ACP % RC
33-130
60-130
54-130

Laboratory Control Sample

Date of Extraction: 10/3/2016
Date of Analysis: 10/3/2016
Dup Date of Analysis: 10/3/2016
Laboratory Sample #: MN1003161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	8.89	8.13	89	81	9	58-130	20	☐
Benzene	10.0	8.68	8.84	87	88	2	70-130	20	☐
Trichloroethene	10.0	8.94	9.23	89	92	3	70-130	20	☐
Toluene	10.0	7.03	7.25	70	73	3	70-130	20	☐
Chlorobenzene	10.0	7.39	7.65	74	76	3	70-130	20	☐

QA/QC Report
for
Semi-Volatile Organic Compounds (EPA 8270C)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/6/2016
Date of Analysis: 10/6/2016
Dup Date of Analysis: 10/6/2016
Laboratory Sample #: 22406-013
MS/MSD Qualifiers: None
Reference #: GTK 22406

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Phenol	0.00	2000	2540	2570	127	128	1	24-130	20	☐
2-Chlorophenol	0.00	2000	2550	2520	127	126	1	23-130	20	☐
1,4-Dichlorobenzene	0.00	1000	1110	1110	111	111	0	28-130	20	☐
N-Nitrosodi-n-propylamine	0.00	1000	1090	1080	109	108	1	33-130	20	☐
1,2,4-Trichlorobenzene	0.00	1000	1160	1160	116	116	0	29-137	20	☐
4-Chloro-3-methylphenol	0.00	2000	2410	2440	121	122	1	27-130	20	☐
Acenaphthene	0.00	1000	1210	1210	121	121	0	31-155	20	☐
4-Nitrophenol	0.00	2000	2500	2590	125	129	4	2-139	21	☐
2,4-Dinitrotoluene	0.00	1000	1120	1150	112	115	3	20-159	20	☐
Pentachlorophenol	0.00	2000	2810	2790	140	139	1	11-145	20	☐
Pyrene	0.00	1000	1110	1080	111	108	3	33-156	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
2-Fluorophenol	94	98	☐	59	58	☐	25-130
Phenol-d6	97	98	☐	59	60	☐	30-130
Nitrobenzene-d5	102	103	☐	68	68	☐	29-130
2-Fluorobiphenyl	120	119	☐	77	77	☐	35-130
2,4,6-Tribromophenol	114	98	☐	70	69	☐	33-130
Terphenyl-d14	131	129	☐	100	96	☐	43-143

Laboratory Control Sample

Date of Extraction: 10/6/2016
Date of Analysis: 10/6/2016
Dup Date of Analysis: 10/6/2016
Laboratory Sample #: AV1006161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Phenol	2000	1750	1780	88	89	2	34-130	20	☐
2-Chlorophenol	2000	1740	1770	87	88	2	32-130	20	☐
1,4-Dichlorobenzene	1000	697	707	70	71	1	42-130	20	☐
N-Nitrosodi-n-propylamine	1000	733	733	73	73	0	49-130	20	☐
1,2,4-Trichlorobenzene	1000	754	766	75	77	2	41-130	20	☐
4-Chloro-3-methylphenol	2000	1850	1880	93	94	2	41-130	20	☐
Acenaphthene	1000	791	786	79	79	1	56-130	20	☐
4-Nitrophenol	2000	1420	1540	71	77	8	42-130	20	☐
2,4-Dinitrotoluene	1000	781	798	78	80	2	42-139	20	☐
Pentachlorophenol	2000	1820	1830	91	92	1	38-120	20	☐
Pyrene	1000	786	748	79	75	5	52-131	20	☐

QA/QC Report
for
Metals

Reference #: GTK 22406 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Antimony	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	4.47	3.95	22	20	12	75-125	20	M2,
Arsenic	10/5/2016	10/6/2016	10/6/2016	22402-001	3.40	20.0	21.3	21.9	89	93	3	75-125	20	--
Barium	10/5/2016	10/6/2016	10/6/2016	22402-001	39.0	20.0	58.6	59.0	98	100	1	75-125	20	--
Beryllium	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	20.0	19.6	100	98	2	75-125	20	--
Cadmium	10/5/2016	10/6/2016	10/6/2016	22402-001	0.580	20.0	19.7	19.8	96	96	1	75-125	20	--
Chromium	10/5/2016	10/6/2016	10/6/2016	22402-001	8.30	20.0	27.7	27.9	97	98	1	75-125	20	--
Cobalt	10/5/2016	10/6/2016	10/6/2016	22402-001	3.10	20.0	23.0	23.2	100	100	1	75-125	20	--
Copper	10/5/2016	10/6/2016	10/6/2016	22402-001	11.0	20.0	30.9	30.8	100	99	0	75-125	20	--
Lead	10/5/2016	10/6/2016	10/6/2016	22402-001	8.10	20.0	27.2	26.7	96	93	2	75-125	20	--
Mercury	10/5/2016	10/7/2016	10/7/2016	22402-001	0.00	1.00	0.987	1.01	99	101	2	80-120	20	--
Molybdenum	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	18.2	18.6	91	93	2	75-125	20	--
Nickel	10/5/2016	10/6/2016	10/6/2016	22402-001	4.60	20.0	24.6	24.5	100	100	0	75-125	20	--
Selenium	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	20.2	20.0	101	100	1	75-125	20	--
Silver	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	19.4	19.7	97	99	2	75-125	20	--
Thallium	10/5/2016	10/6/2016	10/6/2016	22402-001	0.00	20.0	18.0	18.1	90	91	1	75-125	20	--
Vanadium	10/5/2016	10/6/2016	10/6/2016	22402-001	15.0	20.0	33.9	34.4	95	97	1	75-125	20	--
Zinc	10/5/2016	10/6/2016	10/6/2016	22402-001	41.0	20.0	61.6	56.8	103	79	8	75-125	20	--

QA/QC Report
for
Metals

Reference #: GTK 22406

Reporting units: ppm

Laboratory Control Sample

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Antimony	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	21.3	21.0	106	105	1	80-120	20	--
Arsenic	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.0	20.2	100	101	1	80-120	20	--
Barium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	21.0	21.2	105	106	1	80-120	20	--
Beryllium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	19.9	20.0	100	100	1	80-120	20	--
Cadmium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.2	20.2	101	101	0	80-120	20	--
Chromium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.1	20.3	100	101	1	80-120	20	--
Cobalt	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.3	20.6	101	103	1	80-120	20	--
Copper	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.8	20.8	104	104	0	80-120	20	--
Lead	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	21.2	21.1	106	106	0	80-120	20	--
Molybdenum	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.9	20.8	104	104	0	80-120	20	--
Nickel	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.4	20.6	102	103	1	80-120	20	--
Selenium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	19.8	19.2	99	96	3	80-120	20	--
Silver	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.8	20.9	104	104	0	80-120	20	--
Thallium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	20.9	21.0	104	105	0	80-120	20	--
Vanadium	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	19.5	19.6	98	98	1	80-120	20	--
Zinc	10/5/2016	10/6/2016	10/6/2016	SG1005161	20.0	21.3	21.3	106	106	0	80-120	20	--
Mercury	10/5/2016	10/7/2016	10/7/2016	SG1005163	1.00	0.981	0.984	98	98	0	80-120	20	--

Data Qualifier Definitions

Qualifier

D1 = Sample required dilution due to matrix.

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

22402-001	6010B	Antimony	MS/MSD

S1 = Surrogate recovery was above laboratory acceptance limits.

22406-013	8270C	2-Fluorobiphenyl, Terphenyl-d14

S5 = Surrogate recovery was below laboratory acceptance limits.

22406-025	8270C	Phenol-d6, 2-Fluorobiphenyl, Terphenyl-d14

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request and Chain of Custody Record

Lab Job No: 122405
Page 1 of 3

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓ 72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 E. South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9817101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full)	CAM Metals	8260B	8082A	8270C	REMARKS/PRECAUTIONS
1	B-1 @ 2'	1	9/30	am	soil	glass	✓	✓	✓			
2	B-1 @ 5'											
3	B-2 @ 2'						✓					
4	B-2 @ 5'											
5	B-2 @ 10'											
6	B-3 @ 2'						✓	✓	✓			
7	B-3 @ 5'											
8	B-4 @ 2'						✓					
9	B-4 @ 5'											
10	B-4 @ 10'											
11	B-5 @ 2'						✓	✓	✓			
12	B-5 @ 5'											

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3:15 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAOA	Date/Time: 1545 9/30/16

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

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Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 224065
Page 2 of 3

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street
ADDRESS:			
		P O #:	
PHONE:	951 710 1160 FAX:	SAMPLED BY:	Ryan Hanks

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) + Am Metals; 8260B; 8082A; 8270C

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
	~~B-6@2'~~	1	9/30	am	soil	glass	
	~~B-6@5'~~						
	~~B-6@10'~~						
13	B-7@2'						
14	B-7@5'						
15	B-8@2'						
16	B-8@5'						
17	B-8@10'						
18	B-9@2'						
19	B-9@5'						
20	B-10@2'						
21	B-10@5'						
22	B-10@10'						

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = (Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
	9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - (Soil/Solid); OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

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Analysis Request and Chain of Custody Record

Lab Job No: 322406
Page 3 of 5

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9517011160 FAX:	SAMPLED BY:	Ryan Hankes

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
23	B-11@2'	1	9/30	am	soil	glass	
24	B-11@5'						
25	B-12@2'						
26	B-12@5'						
27	B-12@10'						
28	B-13@2'						
29	B-13@5'						
30	B-14@2'						
31	B-14@5'						
32	B-14@10'						
33	B-15@2'						
34	B-15@5'						

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:40 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

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Analysis Request and Chain of Custody Record

Lab Job No: 22406
Page 4 of 5

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9517011160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
35	B-16@2'	1	9/30	am	soil	glass		
36	B-16 @5'	↓	↓	↓	↓	↓		
37	B-16 @10'							
38	B-17 @2'							
39	B-17 @5'							
	~~B-17 @10'~~							
40	B-18 @2'							
41	B-18 @5'							
42	B-19 @2'							
43	B-19 @5'							
	~~B-19 @10'~~							
44	B-20 @2'							
45	B-20 @5'							
46	B-18 @10'	↓	↓	↓	↓	↓		

Total No. of Samples: Method of Shipment: Hand Delivery

Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3:45 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 15:45

Sample Matrix: WW - Wastewater; DW - Drinking Water; SS - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

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Analysis Request and Chain of Custody Record

Lab Job No: 522406
Page 5 of 5

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	951 7101160 FAX:	SAMPLED BY:	Ryan Hankis

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full)	CAM Metals	8260B	8082A	8270C	REMARKS/PRECAUTIONS
47	B-21 @ 2'	1	9/30	am	soil	glass	/	/	/			
48	B-21 @ 5'											
	~~B-21 @ 10'~~											
49	B-22 @ 2'						/					
50	B-22 @ 5'											
51	B-22 @ 10'											
52	B-23 @ 2'						/	/	/			
53	B-23 @ 5'											
54	B-24 @ 2'						/					
55	B-24 @ 5'											
56	B-24 @ 10'											
57	B-25 @ 2'						/	/	/			
58	B-25 @ 5'											
59	B-20 @ 10'											

Total No. of Samples: Method of Shipment: Hand Delivery

Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3:45 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS/(Soil)/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3°C

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Sample Receipt Report

Labratory Reference **GTK 22406** Logged in by MM

Received:	09/30/16 15:45	Company Name:	GeoTek, Inc.
Method of Shipment:	Hand Delivered	Project Manager:	Ms. Anna Scott
Shipping Container:	Cooler	Project Name:	Shopoff Land Fund IV
# Shipping Containers:	1	Project #:	1555-CR

Sample Quantity
59 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	3°C		
Shipping Intact	Yes ☐	N/A ☑	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
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LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2017
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	GeoTek, Inc.
Laboratory Reference:	GTK 22406A
Project Name:	Shopoff Land Fund IV
Project Number:	1555-CR
Date Received:	10/12/2016
Date Reported:	10/19/2016
Chain of Custody Received:	☑
Analytical Method:	8015B,

Mark Noorani, Laboratory Director

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4@5'	22406-009	9/30/2016	9/30/2016	Soil
B-4@10'	22406-010	9/30/2016	9/30/2016	Soil
B-10@5'	22406-021	9/30/2016	9/30/2016	Soil
B-10@10'	22406-022	9/30/2016	9/30/2016	Soil
B-12@5'	22406-026	9/30/2016	9/30/2016	Soil
B-12@10'	22406-027	9/30/2016	9/30/2016	Soil
B-13@5'	22406-029	9/30/2016	9/30/2016	Soil
B-18@5'	22406-041	9/30/2016	9/30/2016	Soil
B-24@5'	22406-055	9/30/2016	9/30/2016	Soil
B-24@10'	22406-056	9/30/2016	9/30/2016	Soil

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@5'	22406-009	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	96

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@5'	22406-009	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	96

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@10'	22406-010	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	88

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@10'	22406-010	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	88

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@5'	22406-021	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	93

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@5'	22406-021	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	93

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@10'	22406-022	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	120

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@10'	22406-022	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	120

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@5'	22406-026	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	23	Octacosane	107

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@5'	22406-026	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	58	Octacosane	107

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@10'	22406-027	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	98
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@10'	22406-027	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	98
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@5'	22406-029	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	109
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@5'	22406-029	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	109
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@5'	22406-041	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	650	Octacosane	Diluted
		* Acc Recovery:	63-155 %

Dilution Factor: 10
Data Qualifiers: D2, S8,

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@5'	22406-041	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	3500	Octacosane	Diluted
		* Acc Recovery:	63-155 %

Dilution Factor: 10
Data Qualifiers: D2, S8,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@5'	22406-055	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	110
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@5'	22406-055	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	110
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@10'	22406-056	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@10'	22406-056	9/30/2016	9/30/2016	10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	102
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1013161			10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	95

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1013161			10/13/2016	10/13/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	95

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 63-155 %

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@5'	22406-009	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	66
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4@10'	22406-010	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	64
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@5'	22406-021	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	63
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-10@10'	22406-022	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	62
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@5'	22406-026	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	59
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-12@10'	22406-027	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	64
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-13@5'	22406-029	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	61
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@5'	22406-041	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	61
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@5'	22406-055	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	61
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@10'	22406-056	9/30/2016	9/30/2016	10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	61
		* Acceptable Recovery:	46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406A
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1012161			10/12/2016	10/12/2016	Soil

ANALYTE	mg/kg
TPH as GROs(C6-C10)	<0.25

Surrogate:	% RC*
α-α-α-Trifluorotoluene	74

* Acceptable Recovery: 46-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/13/2016
Date of Analysis: 10/13/2016
Dup Date of Analysis: 10/13/2016
Laboratory Sample #: 22406-009
MS/MSD Qualifiers: None
Reference #: GTK 22406A

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1460	1430	146	143	2	70-157	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	124	122	☐

LCS	LCSD	Qual
93	102	☐

ACP % RC
63-155

Laboratory Control Sample

Date of Extraction: 10/13/2016
Date of Analysis: 10/13/2016
Dup Date of Analysis: 10/13/2016
Laboratory Sample #: JB1013161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1030	1160	103	116	12	70-136	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/12/2016
Date of Analysis: 10/12/2016
Dup Date of Analysis: 10/12/2016
Laboratory Sample #: 22406-009
MS/MSD Qualifiers: None
Reference #: GTK 22406A

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.223	0.192	89	77	15	35-141	28	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	78	76	☐

LCS	LCSD	Qual
79	78	☐

ACP % RC
46-130

Laboratory Control Sample

Date of Extraction: 10/12/2016
Date of Analysis: 10/12/2016
Dup Date of Analysis: 10/12/2016
Laboratory Sample #: JB1012161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.237	0.241	95	96	2	46-131	32	☐

Data Qualifier Definitions

Qualifier

D2 = Sample required dilution due to high concentration of target analyte.

S8 = The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The associated blank spike recovery was acceptable.

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Orange Coast Analytical

From: "Anna Scott" <ascott@geotekusa.com>
Date: Wednesday, October 12, 2016 8:50 AM
To: "Orange Coast Analytical" <ocalab@sbcglobal.net>; "'Mark Noorani'" <markn@ocalab.com>
Subject: Shopoff Land Fund IV - Anaheim, CA

Morning! Please perform EPA test method 8015 (full) on the following additional samples:

B-4@5'
B-4@10'
B-10@5'
B-10@10'
B-12@5'
B-12@10'
B-13@5'
B-18@5'
B-24@5'
B-24@10'

Normal turnaround time please. Thank you!!!

Anna M. Scott
Project Geologist

GeoTek, Inc.
710 East Parkridge Avenue, Suite 105
Corona, California 92879

Office: 951-710-1160
Fax: 951-710-1167
Mobile: 951-205-1653

GEOTEK

Analysis Request and Chain of Custody Record

Lab Job No: 122403
Page 1 of 3

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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Tustin, CA 92780
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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 E. South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9517101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015(Full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
1	B-1 @ 2'	1	9/30	am	soil	glass	✓ ✓ ✓	
2	B-1 @ 5'							
3	B-2 @ 2'						✓	
4	B-2 @ 5'							
5	B-2 @ 10'							
6	B-3 @ 2'						✓ ✓ ✓	
7	B-3 @ 5'							
8	B-4 @ 2'						✓	
9	B-4 @ 5'							
10	B-4 @ 10'							
11	B-5 @ 2'						✓ ✓ ✓	
12	B-5 @ 5'							

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:15 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 1545 9/30/16

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

Lab Job No: 22406
Page 2 of

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street
ADDRESS:			
		P.O. #:	
PHONE:	951 710 1160 FAX:	SAMPLED BY:	Ryan Hanks

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) + Am Metals / 8260B / 8082A / 8270C	REMARKS/PRECAUTIONS
	~~B-6@2'~~	1	9/30	am	soil	glass	✓ ✓ ✓	
	~~B-6@5'~~	↓	↓	↓	↓	↓		
	~~B-6@10'~~							
13	B-7@2'						✓ ✓ ✓	
14	B-7@5'						✓	
15	B-8@2'						✓	
16	B-8@5'							
17	B-8@10'							
18	B-9@2'						✓ ✓ ✓	
19	B-9@5'							
20	B-10@2'						✓	
21	B-10@5'							
22	B-10@10'	↓	↓	↓	↓	↓		

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = (Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - (Soil/Solid); OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

Lab Job No: 322406
Page 3 of 5

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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O #:	
PHONE:	9517011160 FAX:	SAMPLED BY:	Ryan Hankes

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
23	B-11@2'	1	9/30	am	soil	glass	
24	B-11@5'						
25	B-12@2'						
26	B-12@5'						
27	B-12@10'						
28	B-13@2'						
29	B-13@5'						
30	B-14@2'						
31	B-14@5'						
32	B-14@10'						
33	B-15@2'						
34	B-15@5'						

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = (Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
	9/30 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: WW - Wastewater; DW - Drinking Water; SS - (Soil/Solid); GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

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Lab Job No: 224065
Page 4 of 5

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9517011160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
35	B-16 @2'	1	9/30	am	soil	glass		
36	B-16 @5'							
37	B-16 @10'							
38	B-17 @2'							
39	B-17 @5'							
	~~B-17 @10'~~							
40	B-18 @2'							
41	B-18 @5'							
42	B-19 @2'							
43	B-19 @5'							
	~~B-19 @10'~~							
44	B-20 @2'							
45	B-20 @5'							
46	B-18 @10'							

Total No. of Samples: Method of Shipment: Hand Delivery

Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3:45 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 15:45

Sample Matrix: WW - Wastewater; DW - Drinking Water; (SS) - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

Lab Job No: 522406
Page 5 of 5

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	951 7101160 FAX:	SAMPLED BY:	Ryan Hankes

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
47	B-21 @ 2'	1	9/30	am	soil	glass	
48	B-21 @ 5'						
	~~B-21 @ 10'~~						
49	B-22 @ 2'						
50	B-22 @ 5'						
51	B-22 @ 10'						
52	B-23 @ 2'						
53	B-23 @ 5'						
54	B-24 @ 2'						
55	B-24 @ 5'						
56	B-24 @ 10'						
57	B-25 @ 2'						
58	B-25 @ 5'						
59	B-20 @ 10'						

Total No. of Samples: Method of Shipment: Hand Delivery

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:45 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAA	Date/Time: 9/30/16 1545

Sample Matrix: WW - Wastewater; DW - Drinking Water; SS - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3°C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Sample Receipt Report

Labratory Reference **GTK 22406** Logged in by MM

Received:	09/30/16 15:45	Company Name:	GeoTek, Inc.
Method of Shipment:	Hand Delivered	Project Manager:	Ms. Anna Scott
Shipping Container:	Cooler	Project Name:	Shopoff Land Fund IV
# Shipping Containers:	1	Project #:	1555-CR

Sample Quantity
59 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	3°C		
Shipping Intact	Yes ☐	N/A ☑	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2017
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	GeoTek, Inc.
Laboratory Reference:	GTK 22406B
Project Name:	Shopoff Land Fund IV
Project Number:	1555-CR
Date Received:	10/19/2016
Date Reported:	10/25/2016
Chain of Custody Received:	☑
Analytical Method:	8015B, 8081A,

Mark Noorani, Laboratory Director

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	Soil
B-3@2'	22406-006	9/30/2016	9/30/2016	Soil
B-14@2'	22406-030	9/30/2016	9/30/2016	Soil
B-15@2'	22406-033	9/30/2016	9/30/2016	Soil
B-16@2'	22406-035	9/30/2016	9/30/2016	Soil
B-17@2'	22406-038	9/30/2016	9/30/2016	Soil
B-18@2'	22406-040	9/30/2016	9/30/2016	Soil
B-19@2'	22406-042	9/30/2016	9/30/2016	Soil
B-20@2'	22406-044	9/30/2016	9/30/2016	Soil
B-18@10'	22406-046	9/30/2016	9/30/2016	Soil
B-21@2'	22406-047	9/30/2016	9/30/2016	Soil
B-22@2'	22406-049	9/30/2016	9/30/2016	Soil
B-23@2'	22406-052	9/30/2016	9/30/2016	Soil
B-24@2'	22406-054	9/30/2016	9/30/2016	Soil
B-25@2'	22406-057	9/30/2016	9/30/2016	Soil

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@10'	22406-046	9/30/2016	9/30/2016	10/25/2016	10/25/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	102
Dilution Factor: 1		* Acc Recovery: 63-155 %	
Data Qualifiers: H3,			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@10'	22406-046	9/30/2016	9/30/2016	10/25/2016	10/25/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	102
Dilution Factor: 1		* Acc Recovery: 63-155 %	
Data Qualifiers: H3,			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1025162			10/25/2016	10/25/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	84
Dilution Factor: 1		* Acc Recovery: 63-155 %	
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1025162			10/25/2016	10/25/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	84
Dilution Factor: 1		* Acc Recovery: 63-155 %	
Data Qualifiers: None			

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@10'	22406-046	9/30/2016	9/30/2016	10/24/2016	10/24/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	69

Dilution Factor: 1
Data Qualifiers: H3,

* Acceptable Recovery: 46-130 %

Method Blank	MBJB1024161			10/24/2016	10/24/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	75

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 46-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-1@2'	22406-001	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	91

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-3@2'	22406-006	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	74

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-14@2'	22406-030	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	77

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-15@2'	22406-033	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	72

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-16@2'	22406-035	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	36

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-17@2'	22406-038	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	64

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-18@2'	22406-040	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	28

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3, S5,

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-19@2'	22406-042	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	89

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-20@2'	22406-044	9/30/2016	9/30/2016	10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	73

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-21@2'	22406-047	9/30/2016	9/30/2016	10/19/2016	10/21/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	5.8
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	72

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-22@2'	22406-049	9/30/2016	9/30/2016	10/19/2016	10/21/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	67

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-23@2'	22406-052	9/30/2016	9/30/2016	10/19/2016	10/21/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	40

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

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Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-24@2'	22406-054	9/30/2016	9/30/2016	10/19/2016	10/21/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	14

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3, S5,

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710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-25@2'	22406-057	9/30/2016	9/30/2016	10/19/2016	10/21/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	63

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: H3,

Ms. Anna Scott
GeoTek, Inc.
710 E. Parkridge Ave Ste 105
Corona, CA, 92879

Lab Reference #: GTK 22406B
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV1019162			10/19/2016	10/20/2016	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2
alpha-BHC	319-84-6	<5
beta-BHC	319-85-7	<5
gamma-BHC (Lindane)	58-89-9	<5
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5
Heptachlor	76-44-8	<2
Heptachlor epoxide	1024-57-3	<5
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	92

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/25/2016
Date of Analysis: 10/25/2016
Dup Date of Analysis: 10/25/2016
Laboratory Sample #: 22406-046
MS/MSD Qualifiers: None
Reference #: GTK 22406B

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1400	1270	140	127	10	70-157	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	101	103	☐

LCS	LCSD	Qual
86	88	☐

ACP % RC
63-155

Laboratory Control Sample

Date of Extraction: 10/25/2016
Date of Analysis: 10/25/2016
Dup Date of Analysis: 10/25/2016
Laboratory Sample #: JB1025162
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1010	1080	101	108	7	70-136	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/24/2016
Date of Analysis: 10/24/2016
Dup Date of Analysis: 10/24/2016
Laboratory Sample #: 22427-001
MS/MSD Qualifiers: None
Reference #: GTK 22406B

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.190	0.177	76	71	7	35-141	28	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	82	78	☐

LCS	LCSD	Qual
88	83	☐

ACP % RC
46-130

Laboratory Control Sample

Date of Extraction: 10/24/2016
Date of Analysis: 10/24/2016
Dup Date of Analysis: 10/24/2016
Laboratory Sample #: JB1024161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.196	0.181	78	72	8	46-131	32	☐

QA/QC Report
for
Organochlorinated Pesticides (EPA 8081A)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 10/19/2016
Date of Analysis: 10/20/2016
Dup Date of Analysis: 10/20/2016
Laboratory Sample #: 22406-042
MS/MSD Qualifiers: None
Reference #: GTK 22406B

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Gamma-BHC	0.00	20.0	13.7	13.3	69	67	3	34-130	29	☐
Heptachlor	0.00	20.0	12.9	12.7	64	63	2	40-130	27	☐
Aldrin	0.00	20.0	13.2	12.9	66	64	2	39-130	30	☐
Dieldrin	0.00	50.0	43.4	41.7	87	83	4	34-130	29	☐
Endrin	0.00	50.0	44.7	42.8	89	86	4	30-143	26	☐
DDT	0.00	50.0	42.4	40.5	85	81	5	32-140	26	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	90	96	☐

LCS	LCSD	Qual
94	94	☐

ACP % RC
31-146

Laboratory Control Sample

Date of Extraction: 10/19/2016
Date of Analysis: 10/20/2016
Dup Date of Analysis: 10/20/2016
Laboratory Sample #: AV1019162
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Gamma-BHC	20.0	14.7	14.6	74	73	1	42-130	21	☐
Heptachlor	20.0	13.9	14.0	69	70	1	36-134	27	☐
Aldrin	20.0	14.5	14.5	73	73	0	42-130	26	☐
Dieldrin	50.0	43.4	43.8	87	88	1	46-130	22	☐
Endrin	50.0	44.4	44.7	89	89	1	48-132	20	☐
DDT	50.0	42.7	42.2	85	84	1	45-132	21	☐

Data Qualifier Definitions

Qualifier

H3 = Sample was received and/ or analysis requested past holding time.
S5 = Surrogate recovery was below laboratory acceptance limits.

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Subject **RE: 1555-CR Anaheim**
From Anna Scott <ascott@geotekusa.com>
To markn@ocalab.com <markn@ocalab.com>
Cc Mike Batten <mbatten@geotekusa.com>
Date 2016-10-19 10:03

Morning! I know we are past the hold time, but can you please do EPA Test Method 8081A on the following samples?

B-1@2'
B-3@2'
B-14@2'
B-15@2'
B-16@2'
B-17@2'
B-18@2'
B-19@2'
B-20@2'
B-21@2'
B-22@2'
B-23@2'
B-24@2'
B-25@2'

Thank you! Normal turnaround time please.

Anna M. Scott
Project Geologist

GeoTek, Inc.
710 East Parkridge Avenue, Suite 105
Corona, California 92879

Office: 951-710-1160
Fax: 951-710-1167
Mobile: 951-205-1653

-----Original Message-----
From: markn@ocalab.com [mailto:markn@ocalab.com]
Sent: Tuesday, October 18, 2016 7:05 AM
To: Anna Scott <ascott@geotekusa.com>
Subject: Re: 1555-CR Anaheim

Hi Anna:

Yes, we do have enough sample but you are past the hold time.

Thanks,

Mark
Sent via BlackBerry by AT&T

-----Original Message-----
From: Anna Scott <ascott@geotekusa.com>
Date: Tue, 18 Oct 2016 13:21:30
To: 'Mark Noorani'<markn@ocalab.com>
Subject: 1555-CR Anaheim

Morning! Is there still enough sample on all of the two foot samples to do pesticide testing? Please advise. Thank you!

Anna M. Scott

Subject **1555-CR Anaheim**
From Anna Scott <ascott@geotekusa.com>
To 'Mark Noorani' <markn@ocalab.com>
Date 2016-10-20 07:20

- image001.gif (~840 B)
- image002.jpg (~2 KB)

Shoot!! I missed testing an important sample! I know I am past the holding time, but can you please test B-18@10' for EPA 8015 (Full)? Sorry and thank you!!!

Anna M. Scott
Project Geologist

GeoTek, Inc.
710 East Parkridge Avenue, Suite 105
Corona, California 92879

Office: 951-710-1160
Fax: 951-710-1167
Mobile: 951-205-1653

[Geotek2_clr]

image001.gif
~840 B

GEOTEK

image002.jpg
~2 KB

Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 122405
Page 1 of 3

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 E. South Street Anaheim
ADDRESS:		P.O. #:	
PHONE:	9517101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
1	B-1 @ 2'	1	9/30	am	soil	glass	✓ ✓ ✓	
2	B-1 @ 5'							
3	B-2 @ 2'						✓	
4	B-2 @ 5'							
5	B-2 @ 10'							
6	B-3 @ 2'						✓ ✓ ✓	
7	B-3 @ 5'							
8	B-4 @ 2'						✓	
9	B-4 @ 5'							
10	B-4 @ 10'							
11	B-5 @ 2'						✓ ✓ ✓	
12	B-5 @ 5'							

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:15 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAOA	Date/Time: 1545 9/30/15

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 224065
Page 2 of 3

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street
ADDRESS:			
		P O #:	
PHONE:	951 710 1160 FAX:	SAMPLED BY:	Ryan Hanks

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) + Am Metals, 8260B, 8082A, 8270C

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
	~~B-6@2'~~	1	9/30	am	soil	glass	
	~~B-6@5'~~	↓	↓	↓	↓	↓	
	~~B-6@10'~~						
13	B-7@2'						
14	B-7@5'						
15	B-8@2'						
16	B-8@5'						
17	B-8@10'						
18	B-9@2'						
19	B-9@5'						
20	B-10@2'						
21	B-10@5'						
22	B-10@10'	↓	↓	↓	↓	↓	

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = (Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - (Soil)/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

Lab Job No: 322406
Page 3 of 5

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: 48 Hours: 24 Hours:

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P O #:	
PHONE:	9517101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
23	B-11@2'	1	9/30	am	soil	glass		
24	B-11@5'							
25	B-12@2'							
26	B-12@5'							
27	B-12@10'							
28	B-13@2'							
29	B-13@5'							
30	B-14@2'							
31	B-14@5'							
32	B-14@10'							
33	B-15@2'							
34	B-15@5'							

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:40 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 224065
Page 4 of 5

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P.O #:	
PHONE:	9517101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) CAM Metals 8260B 8082A 8270C	REMARKS/PRECAUTIONS
35	B-16@2'	1	9/30	am	soil	glass		
36	B-16 @5'	↓	↓	↓	↓	↓		
37	B-16 @10'							
38	B-17 @2'							
39	B-17 @5'							
	~~B-17 @10'~~							
40	B-18 @2'							
41	B-18 @5'							
42	B-19 @2'							
43	B-19 @5'							
	~~B-19 @10'~~							
44	B-20 @2'							
45	B-20 @5'							
46	B-18 @10'	↓	↓	↓	↓	↓		

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time: 3:45 9/30	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; (SS) - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

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Lab Job No: 522406
Page 5 of 5

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	GeoTek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CR
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 East South Street Anaheim
ADDRESS:		P O #:	
PHONE:	951 7101160 FAX:	SAMPLED BY:	Ryan Hankes

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST / PRESERVATIVE: 8015 (full)	CAM Metals	8260B	8082A	8270C	REMARKS/PRECAUTIONS
47	B-21 @ 2'	1	9/30	am	soil	glass						
48	B-21 @ 5'											
	~~B-21 @ 10'~~											
49	B-22 @ 2'											
50	B-22 @ 5'											
51	B-22 @ 10'											
52	B-23 @ 2'											
53	B-23 @ 5'											
54	B-24 @ 2'											
55	B-24 @ 5'											
56	B-24 @ 10'											
57	B-25 @ 2'											
58	B-25 @ 5'											
59	B-20 @ 10'											

Total No. of Samples: Method of Shipment: Hand Delivery Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3:45 9/30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCAA	Date/Time: 9/30/16 1545

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS / Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3°C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Sample Receipt Report

Labratory Reference **GTK 22406** Logged in by MM

Received:	09/30/16 15:45	Company Name:	GeoTek, Inc.
Method of Shipment:	Hand Delivered	Project Manager:	Ms. Anna Scott
Shipping Container:	Cooler	Project Name:	Shopoff Land Fund IV
# Shipping Containers:	1	Project #:	1555-CR

Sample Quantity
59 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	3°C		
Shipping Intact	Yes ☐	N/A ☑	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2017
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	GeoTek, Inc.
Laboratory Reference:	GTK 22448
Project Name:	Shopoff Land Fund IV
Project Number:	1555-CR
Date Received:	10/31/2016
Date Reported:	11/9/2016
Chain of Custody Received:	☑
Analytical Method:	8015B, 8082, 6010B, 7471A,

Mark Noorani, Laboratory Director

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 4ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

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Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	Soil
B-26 @ 5'	22448-002	10/31/2016	10/31/2016	Soil
B-27 @ 2'	22448-003	10/31/2016	10/31/2016	Soil
B-27 @ 5'	22448-004	10/31/2016	10/31/2016	Soil
B-27 @ 10'	22448-005	10/31/2016	10/31/2016	Soil
B-28 @ 2'	22448-006	10/31/2016	10/31/2016	Soil
B-28 @ 5'	22448-007	10/31/2016	10/31/2016	Soil
B-29 @ 2'	22448-008	10/31/2016	10/31/2016	Soil
B-29 @ 5'	22448-009	10/31/2016	10/31/2016	Soil
B-29 @ 10'	22448-010	10/31/2016	10/31/2016	Soil
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	Soil
B-30 @ 5'	22448-012	10/31/2016	10/31/2016	Soil
B-31@ 2'	22448-013	10/31/2016	10/31/2016	Soil
B-31 @ 5'	22448-014	10/31/2016	10/31/2016	Soil
B-31 @ 10'	22448-015	10/31/2016	10/31/2016	Soil
B-32 @ 2'	22448-016	10/31/2016	10/31/2016	Soil
B-32 @ 5'	22448-017	10/31/2016	10/31/2016	Soil
B-33 @ 2'	22448-018	10/31/2016	10/31/2016	Soil
B-33 @ 5'	22448-019	10/31/2016	10/31/2016	Soil
B-33 @ 10'	22448-020	10/31/2016	10/31/2016	Soil
B-34 @ 2'	22448-021	10/31/2016	10/31/2016	Soil
B-34 @ 5'	22448-022	10/31/2016	10/31/2016	Soil

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	116
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	38	Octacosane	116
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-27 @ 2'	22448-003	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	131
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-27 @ 2'	22448-003	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	35	Octacosane	131
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-28 @ 2'	22448-006	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	159
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: S1,

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Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-28 @ 2'	22448-006	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	30	Octacosane	159
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: S1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-29 @ 2'	22448-008	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	147
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-29 @ 2'	22448-008	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	40	Octacosane	147
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	114
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	31	Octacosane	114
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

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Project #: 1555-CR

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-31@ 2'	22448-013	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	154
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-31@ 2'	22448-013	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	154
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-32 @ 2'	22448-016	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-32 @ 2'	22448-016	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	117
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-33 @ 2'	22448-018	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	121
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

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Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-33 @ 2'	22448-018	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	121
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-34 @ 2'	22448-021	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	127
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-34 @ 2'	22448-021	10/31/2016	10/31/2016	11/4/2016	11/8/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	127
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1104163			11/4/2016	11/9/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-d (C10-C25)	<10	Octacosane	103
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1104163			11/4/2016	11/9/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH-mo (C26-C36)	<30	Octacosane	103
		* Acc Recovery:	63-155 %

Dilution Factor: 1
Data Qualifiers: None

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-27 @ 2'	22448-003	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-28 @ 2'	22448-006	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	75
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-29 @ 2'	22448-008	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	77
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22448
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Project #: 1555-CR

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-31@ 2'	22448-013	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-32 @ 2'	22448-016	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	75
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-33 @ 2'	22448-018	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	74
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-34 @ 2'	22448-021	10/31/2016	10/31/2016	11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	73
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBJB1107161			11/7/2016	11/7/2016	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
TPH as GROs(C6-C10)	<0.25	α-α-α-Trifluorotoluene	75
Dilution Factor: 1		* Acceptable Recovery:	46-130 %
Data Qualifiers: None			

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	11/1/2016	11/3/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	83

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-26 @ 5'	22448-002	10/31/2016	10/31/2016	11/1/2016	11/3/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	80

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	11/1/2016	11/3/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	91

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-30 @ 5'	22448-012	10/31/2016	10/31/2016	11/1/2016	11/3/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	92

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

Method Blank	MBIN1101161			11/1/2016	11/3/2016	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	95

* Acceptable Recovery: 31-146 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-26 @ 2'	22448-001	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	1.6	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	57	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.21	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	14	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	7.7	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	10	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	3.4	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	9.1	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	1.1	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	29	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	41	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-27 @ 2'	22448-003	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	1.4	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	70	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.22	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	12	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	6.9	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	8.7	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	2.6	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	8.3	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	25	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	37	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-28 @ 2'	22448-006	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	2.0	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	54	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.28	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	10	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	6.0	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	9.2	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	3.8	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	7.6	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	25	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	37	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-29 @ 2'	22448-008	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	2.7	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	74	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.34	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	16	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	8.9	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	14	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	6.4	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	11	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	1.1	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	35	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	54	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-30 @ 2'	22448-011	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	2.5	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	81	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	0.56	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.47	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	18	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	10	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	20	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	11	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	0.13	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	12	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	39	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	73	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-31@ 2'	22448-013	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	0.88	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	30	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	<0.20	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	6.4	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	4.3	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	5.5	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	2.7	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	4.3	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	16	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	25	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-32 @ 2'	22448-016	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	5.3	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	130	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	0.68	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.79	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	20	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	11	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	24	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	10	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	17	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	1.6	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	41	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	69	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-33 @ 2'	22448-018	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	1.6	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	62	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.32	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	13	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	8.1	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	11	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	4.5	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	9.2	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	30	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	45	mg/kg	11/03/16	11/04/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-34 @ 2'	22448-021	10/31/2016	10/31/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Arsenic	6010B	2.6	mg/kg	11/03/16	11/04/16	--	1
Barium	6010B	58	mg/kg	11/03/16	11/04/16	--	1
Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Cadmium	6010B	0.33	mg/kg	11/03/16	11/04/16	--	1
Chromium	6010B	14	mg/kg	11/03/16	11/04/16	--	1
Cobalt	6010B	7.8	mg/kg	11/03/16	11/04/16	--	1
Copper	6010B	11	mg/kg	11/03/16	11/04/16	--	1
Lead	6010B	3.9	mg/kg	11/03/16	11/04/16	--	1
Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1
Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Nickel	6010B	10	mg/kg	11/03/16	11/04/16	--	1
Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
Vanadium	6010B	29	mg/kg	11/03/16	11/04/16	--	1
Zinc	6010B	41	mg/kg	11/03/16	11/04/16	--	1

Method Blank — Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJA1101161	Mercury	7471A	<0.10	mg/kg	11/01/16	11/02/16	--	1

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Lab Reference #: GTK 22448
Project Name: Shopoff Land Fund IV
Project #: 1555-CR

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJA1103162	Antimony	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Arsenic	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Barium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Beryllium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Cadmium	6010B	<0.20	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Chromium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Cobalt	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Copper	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Lead	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Molybdenum	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Nickel	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Selenium	6010B	<1.0	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Silver	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Thallium	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Vanadium	6010B	<0.50	mg/kg	11/03/16	11/04/16	--	1
MBJA1103162	Zinc	6010B	<2.0	mg/kg	11/03/16	11/04/16	--	1

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 11/4/2016
Date of Analysis: 11/8/2016
Dup Date of Analysis: 11/8/2016
Laboratory Sample #: 22448-001
MS/MSD Qualifiers: M1, R2,
Reference #: GTK 22448

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1200	1620	120	162	30	70-157	20	☑

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	125	135	☐

LCS	LCSD	Qual
105	105	☐

ACP % RC
63-155

Laboratory Control Sample

Date of Extraction: 11/4/2016
Date of Analysis: 11/9/2016
Dup Date of Analysis: 11/9/2016
Laboratory Sample #: JB1104163
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1030	1000	103	100	3	70-136	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 11/7/2016
Date of Analysis: 11/7/2016
Dup Date of Analysis: 11/7/2016
Laboratory Sample #: 22448-001
MS/MSD Qualifiers: None
Reference #: GTK 22448

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.205	0.208	82	83	1	35-141	28	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	88	84	☐

LCS	LCSD	Qual
85	84	☐

ACP % RC
46-130

Laboratory Control Sample

Date of Extraction: 11/7/2016
Date of Analysis: 11/7/2016
Dup Date of Analysis: 11/7/2016
Laboratory Sample #: JB1107161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.206	0.203	82	81	1	46-131	32	☐

QA/QC Report
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 11/1/2016
Date of Analysis: 11/3/2016
Dup Date of Analysis: 11/3/2016
Laboratory Sample #: 22448-001
MS/MSD Qualifiers: None
Reference #: GTK 22448

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	86.3	84.6	58	56	2	41-130	29	☐
PCB-1260	0.00	150	120	109	80	73	10	34-135	27	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	105	92	☐

LCS	LCSD	Qual
101	92	☐

ACP % RC
31-146

Laboratory Control Sample

Date of Extraction: 11/1/2016
Date of Analysis: 11/3/2016
Dup Date of Analysis: 11/3/2016
Laboratory Sample #: IN1101161
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	89.4	95.7	60	64	7	44-130	23	☐
PCB-1260	150	102	110	68	73	8	45-130	23	☐

QA/QC Report
for
Metals

Reference #: GTK 22448 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Mercury	11/1/2016	11/2/2016	11/2/2016	22444-001	0.00	1.00	1.07	1.03	107	103	4	80-120	20	--
Antimony	11/3/2016	11/4/2016	11/4/2016	22448-001	0.00	20.0	1.88	2.45	9	12	26	75-125	20	M2, R2,
Arsenic	11/3/2016	11/4/2016	11/4/2016	22448-001	1.60	20.0	20.9	21.1	96	98	1	75-125	20	--
Barium	11/3/2016	11/4/2016	11/4/2016	22448-001	57.0	20.0	74.4	74.5	87	88	0	75-125	20	--
Beryllium	11/3/2016	11/4/2016	11/4/2016	22448-001	0.00	20.0	20.0	20.2	100	101	1	75-125	20	--
Cadmium	11/3/2016	11/4/2016	11/4/2016	22448-001	0.210	20.0	19.7	20.4	97	101	3	75-125	20	--
Chromium	11/3/2016	11/4/2016	11/4/2016	22448-001	14.0	20.0	31.6	32.5	88	93	3	75-125	20	--
Cobalt	11/3/2016	11/4/2016	11/4/2016	22448-001	7.70	20.0	26.5	27.9	94	101	5	75-125	20	--
Copper	11/3/2016	11/4/2016	11/4/2016	22448-001	10.0	20.0	30.8	31.7	104	109	3	75-125	20	--
Lead	11/3/2016	11/4/2016	11/4/2016	22448-001	3.40	20.0	21.5	22.5	91	96	5	75-125	20	--
Molybdenum	11/3/2016	11/4/2016	11/4/2016	22448-001	0.00	20.0	17.7	18.2	89	91	3	75-125	20	--
Nickel	11/3/2016	11/4/2016	11/4/2016	22448-001	9.10	20.0	27.7	29.3	93	101	6	75-125	20	--
Selenium	11/3/2016	11/4/2016	11/4/2016	22448-001	1.10	20.0	19.4	20.2	91	96	4	75-125	20	--
Silver	11/3/2016	11/4/2016	11/4/2016	22448-001	0.00	20.0	19.2	19.3	96	96	1	75-125	20	--
Thallium	11/3/2016	11/4/2016	11/4/2016	22448-001	0.00	20.0	15.9	16.8	79	84	6	75-125	20	--
Vanadium	11/3/2016	11/4/2016	11/4/2016	22448-001	29.0	20.0	46.8	49.0	89	100	5	75-125	20	--
Zinc	11/3/2016	11/4/2016	11/4/2016	22448-001	41.0	20.0	58.2	62.0	86	105	6	75-125	20	--

QA/QC Report
for
Metals

Reference #: GTK 22448 Reporting units: ppm

Laboratory Control Sample

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Mercury	11/1/2016	11/2/2016	11/2/2016	JA1101161	1.00	1.02	1.04	102	104	2	80-120	20	--
Antimony	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.2	21.0	106	105	1	80-120	20	--
Arsenic	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	19.7	19.8	99	99	1	80-120	20	--
Barium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	22.0	21.9	110	110	0	80-120	20	--
Beryllium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.3	20.2	106	101	5	80-120	20	--
Cadmium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	20.4	20.3	102	101	0	80-120	20	--
Chromium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	20.3	20.2	101	101	0	80-120	20	--
Cobalt	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	20.9	20.9	104	104	0	80-120	20	--
Copper	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.8	21.7	109	109	0	80-120	20	--
Lead	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.0	20.9	105	104	0	80-120	20	--
Molybdenum	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	20.9	20.8	104	104	0	80-120	20	--
Nickel	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.6	21.5	108	108	0	80-120	20	--
Selenium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	19.2	19.8	96	99	3	80-120	20	--
Silver	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.5	21.0	108	105	2	80-120	20	--
Thallium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	20.6	20.5	103	102	0	80-120	20	--
Vanadium	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	19.9	19.7	100	99	1	80-120	20	--
Zinc	11/3/2016	11/4/2016	11/4/2016	JA1103162	20.0	21.7	21.8	109	109	0	80-120	20	--

Data Qualifier Definitions

Qualifier

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

22448-001	8015B	EFH	MSD

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

22448-001	6010B	Antimony	MS/MSD

R2 = RPD/RSD exceeded the laboratory acceptance limit.

22448-001	6010B	Antimony	MS/MSD
22448-001	8015B	EFH	MS/MSD

S1 = Surrogate recovery was above laboratory acceptance limits.

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request and Chain of Custody Record

Lab Job No: 22448
Page 1 of 2

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CL
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 E. South Street Anaheim
ADDRESS:		P O #:	
PHONE:	FAX:	SAMPLED BY:	Ryan Hanks

ANALYSIS REQUEST / PRESERVATIVE: 8015 (Full), CAM Metals, 8082A (PCB's)

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
1	B-26@2'	1	10/31	am	soil	tube	
2	B-26@5'						
3	B-27@2'						
4	B-27@5'						
5	B-27@10'						
6	B-28@2'						
7	B-28@5'						
8	B-29@2'						
9	B-29@5'						
10	B-29@10'						
11	B-30@2'						
12	B-30@5'						

Total No. of Samples: 22 Method of Shipment: Hand Delivery

Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: B Hanks	Date/Time: 10/31/16 1:33	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 10/31/16 1333

Sample Matrix: WW - Wastewater; DW - Drinking Water; SS - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 4 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

Analysis Request and Chain of Custody Record

Lab Job No: 22448
Page 2 of 2

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: ✓
72 Hours: ____ 48 Hours: ____ 24 Hours: ____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Geotek Inc	PROJECT NAME:	Shopoff Land Fund IV
SEND REPORT TO:	Anna Scott	NUMBER:	1555-CL
EMAIL:	ascott@geotekusa.com	ADDRESS:	901 E. South Street Anaheim
ADDRESS		P.O. #:	
PHONE	FAX	SAMPLED BY:	Ryan Hankes

ANALYSIS REQUEST / PRESERVATIVE: 8015 (full) + CAM Metals

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	REMARKS/PRECAUTIONS
13	B-31 @ 2'	1	10/31	am	soil	tube	
14	B-31 @ 5'						
15	B-31 @ 10						
16	B-32 @ 2'						
17	B-32 @ 5'						
18	B-33 @ 2'						
19	B-33 @ 5'						
20	B-33 @ 10'						
21	B-34 @ 2'						
22	B-34 @ 5'	✓	✓	✓	✓	✓	

Total No. of Samples: 22 Method of Shipment: Hand Delivery Preservative: (1) = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: R Hankes 10/31/16	Date/Time: 1:33	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 10/31/16 1333

Sample Matrix: WW - Wastewater; DW - Drinking Water; SS - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 4° °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample

Sample Receipt Report

Laboratory Reference: **GTK 22448** Logged in by: MM

Received:	10/31/16 13:33	Company Name:	GeoTek, Inc.
Method of Shipment:	Hand Delivered	Project Manager:	Ms. Anna Scott
Shipping Container:	Cooler	Project Name:	Shopoff Land Fund IV
# Shipping Containers:	1	Project #:	1555-CR

Sample Quantity
22 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	4°C		
Shipping Intact	Yes ☐	N/A ☑	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

APPENDIX D

SOIL VAPOR LABORATORY TEST RESULTS

GEOTEK

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: _____

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#1 @5'**	**PROBE#2 @10'**	**PROBE#3 @5'**	**PROBE#4 @10'**	**PROBE#5 @5'**		
JEL ID:	**E-0608-01**	**E-0608-02**	**E-0608-03**	**E-0608-04**	**E-0608-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	PROBE#1 @5'	PROBE#2 @10'	PROBE#3 @5'	PROBE#4 @10'	PROBE#5 @5'		
JEL ID:	**E-0608-01**	**E-0608-02**	**E-0608-03**	**E-0608-04**	**E-0608-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.064**	**0.183**	**0.054**	**0.553**	**0.079**	0.008	µg/L
Toluene	**0.011**	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	**0.011**	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	**0.034**	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	123%	93%	122%	113%	123%	60 - 140	
Toluene-d_8	98%	97%	101%	90%	99%	60 - 140	
4-Bromofluorobenzene	101%	84%	101%	88%	99%	60 - 140	
	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#9 @5'**	**PROBE#7 @5'**	**PROBE#12 @10'**	**PROBE#10 @10'**	**PROBE#8 @10'**		
JEL ID:	**E-0608-06**	**E-0608-07**	**E-0608-08**	**E-0608-09**	**E-0608-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#9 @5'**	**PROBE#7 @5'**	**PROBE#12 @10'**	**PROBE#10 @10'**	**PROBE#8 @10'**		
JEL ID:	**E-0608-06**	**E-0608-07**	**E-0608-08**	**E-0608-09**	**E-0608-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.026**	**0.225**	**1.15**	**0.403**	**0.254**	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	**0.233**	**0.011**	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	**0.034**	ND	**0.017**	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	121%	96%	118%	115%	108%	60 - 140	
Toluene-d_8	98%	92%	97%	90%	90%	60 - 140	
4-Bromofluorobenzene	98%	90%	101%	89%	89%	60 - 140	
	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E2-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#11 @5'**	**PROBE#13 @5'**	**PROBE#14 @10'**	**PROBE#15 @5'**	**PROBE#20 @10'**		
JEL ID:	**E-0608-11**	**E-0608-12**	**E-0608-13**	**E-0608-14**	**E-0608-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#11 @5'**	**PROBE#13 @5'**	**PROBE#14 @10'**	**PROBE#15 @5'**	**PROBE#20 @10'**		
JEL ID:	**E-0608-11**	**E-0608-12**	**E-0608-13**	**E-0608-14**	**E-0608-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.120**	**0.203**	**0.209**	ND	**0.034**	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	**0.057**	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	122%	126%	107%	123%	123%	60 - 140	
Toluene-d_8	97%	95%	93%	97%	101%	60 - 140	
4-Bromofluorobenzene	99%	98%	90%	98%	100%	60 - 140	
	E1-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608	E1-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#21 @5'**	**PROBE#22 @10'**	**PROBE#16 @10'**	**PROBE#17 @5'**	**PROBE#18 @10'**		
JEL ID:	**E-0608-16**	**E-0608-17**	**E-0608-18**	**E-0608-19**	**E-0608-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	PROBE#21 @5'	PROBE#22 @10'	PROBE#16 @10'	PROBE#17 @5'	PROBE#18 @10'		
JEL ID:	**E-0608-16**	**E-0608-17**	**E-0608-18**	**E-0608-19**	**E-0608-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.036**	**0.261**	**0.033**	**0.151**	**0.127**	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	**0.015**	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	**0.015**	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	123%	114%	122%	117%	122%	60 - 140	
Toluene-d_8	97%	91%	96%	91%	98%	60 - 140	
4-Bromofluorobenzene	97%	135%	98%	92%	99%	60 - 140	
	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#19 @5'**	**PROBE#25 @5'**	**PROBE#24 @10'**	**PROBE#23 @5'**		
JEL ID:	**E-0608-21**	**E-0608-22**	**E-0608-23**	**E-0608-24**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	**0.010**	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**PROBE#19 @5'**	**PROBE#25 @5'**	**PROBE#24 @10'**	**PROBE#23 @5'**		
JEL ID:	**E-0608-21**	**E-0608-22**	**E-0608-23**	**E-0608-24**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.011**	**0.157**	**0.011**	**0.057**	0.008	µg/L
Toluene	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	**0.050**	ND	**0.008**	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-pentane	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	116%	122%	115%	122%	60 - 140	
Toluene-d_8	93%	98%	91%	97%	60 - 140	
4-Bromofluorobenzene	94%	99%	92%	99%	60 - 140	
	E2-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E1-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK	METHOD BLANK	SAMPLING BLANK		
JEL ID:	E-0608-44	E-0608-45	E-0608-46	E-0608-47	Practical Quantitation Limit	Units
Analytes:						
Benzene	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**	**METHOD BLANK**	**SAMPLING BLANK**		
JEL ID:	**E-0608-44**	**E-0608-45**	**E-0608-46**	**E-0608-47**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	ND	ND	0.008	µg/L
Toluene	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-pentane	ND	ND	ND	ND	0.008	µg/L
n-heptane	ND	ND	ND	ND	0.008	µg/L
n-hexane	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	123%	125%	114%	118%	60 - 140	
Toluene-d_8	96%	97%	86%	73%	60 - 140	
4-Bromofluorobenzene	98%	95%	86%	91%	60 - 140	
	E1-100416-E-0608	E1-100416-E-0608	E2-100416-E-0608	E2-100416-E-0608		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:**	E-0608
		Client Ref. No.:	1555-CR
Attn:	Anna M. Scott	**Date Sampled:**	10/4/2016
		Date Received:	10/4/2016
		Date Analyzed:	10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E1-100416-E-0608

JEL ID:	**E-0608-49**	**E-0608-50**			**E-0608-48**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	88%	85%	3.3%	70 - 130	86%	80 - 120
1,1-Dichloroethylene	96%	95%	0.6%	70 - 130	86%	80 - 120
Cis-1,2-Dichloroethene	106%	109%	2.6%	70 - 130	102%	80 - 120
1,1,1-Trichloroethane	109%	108%	1.4%	70 - 130	112%	80 - 120
Benzene	110%	110%	0.1%	70 - 130	109%	80 - 120
Trichloroethylene	103%	102%	0.5%	70 - 130	106%	80 - 120
Toluene	110%	109%	1.6%	70 - 130	112%	80 - 120
Tetrachloroethene	104%	107%	2.7%	70 - 130	104%	80 - 120
Chlorobenzene	105%	104%	0.8%	70 - 130	105%	80 - 120
Ethylbenzene	105%	106%	1.0%	70 - 130	105%	80 - 120
1,2,4 Trimethylbenzene	110%	106%	3.7%	70 - 130	107%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	115%	111%		60 - 140	109%	60 - 140
Toluene-d_8	98%	96%		60 - 140	99%	60 - 140
4-Bromofluorobenzene	98%	98%		60 - 140	99%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	GeoTek, Inc.	**Report date:**	10/4/2016
Client Address:	710 East Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0608 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	10/4/2016 10/4/2016 10/4/2016
Project Address:	901 E. South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E2-100416-E-0608

JEL ID:	**E-0608-52**	**E-0608-53**			**E-0608-51**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	111%	130%	15.2%	70 - 130	96%	80 - 120
1,1-Dichloroethylene	85%	88%	3.2%	70 - 130	87%	80 - 120
Cis-1,2-Dichloroethene	99%	98%	1.3%	70 - 130	92%	80 - 120
1,1,1-Trichloroethane	116%	112%	3.7%	70 - 130	103%	80 - 120
Benzene	114%	112%	2.1%	70 - 130	112%	80 - 120
Trichloroethylene	112%	114%	1.8%	70 - 130	108%	80 - 120
Toluene	126%	119%	5.8%	70 - 130	119%	80 - 120
Tetrachloroethene	117%	118%	0.2%	70 - 130	121%	80 - 120
Chlorobenzene	107%	106%	0.7%	70 - 130	108%	80 - 120
Ethylbenzene	108%	108%	0.3%	70 - 130	106%	80 - 120
1,2,4 Trimethylbenzene	108%	104%	2.9%	70 - 130	101%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	106%	106%		60 - 140	86%	60 - 140
Toluene-d_8	99%	100%		60 - 140	104%	60 - 140
4-Bromofluorobenzene	97%	96%		60 - 140	100%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901 E. South St. Anaheim, CA
Email: ascott@geotekUSA.com
Phone: (951) 205-1653
Report To: Anna M. Scott
Sampler: Emma Pulleva

Date: 10/4/16
Client Project #: 1555-CR

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project #: E-0608
Page: 1 of 3
Lab Use Only
Sample Condition as Recieved: Sealed ☒ yes ☐ no

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal
- ☒ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- ☒ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ _____

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs + Oxys)				Magnehelic Vacuum (in/H_2O)	Number of Containers	Remarks & Special Instructions
PROBE #1 @ 10'5@	3	4520	10/4/16	0704	0708	E-0608-01	200 cc/min	Emma.1	M100-112	SG	X				42	2	
PROBE #2 @ 10'	3	4520		0707	0709	E-0608-02		Extra.1	M100-110	SG	X				42	2	
PROBE #3 @ 10'5@	3	4520		0719	0724	E-0608-03		Emma.2	M100-106	SG	X				42	2	
PROBE #4 @ 10'	3	4520		0722	0725	E-0608-04		Extra.3	M100-010	SG	X				42	2	
PROBE #5 @ 10'5@	3	4520		0752	0753	E-0608-05		Emma.2	M100-106	SG	X				42	2	
PROBE #9 @ 10'5@	3	4520		0827	0831	E-0608-06		Emma.2	M100-010	SG	X				42	2	
PROBE #7 @ 10'5@	3	4520		0830	0832	E-0608-07		Extra.3	M100-106	SG	X				42	2	
PROBE #12 @ 10'	3	4520		0841	0848	E-0608-08		Extra.1	M100-112	SG	X				2	2	
PROBE #10 @ 10'	3	4520		0846	0849	E-0608-09		Emma.1	M100-110	SG	X				4	2	
PROBE #8 @ 10'	3	4520		0901	0908	E-0609-10		Emma.2	M100-010	SG	X				42	2	

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name		Total Number of Containers
			Emmanuella Pulleva		
Company	Date: Time:	Company	Date:	Time:	
		Jones Env.	10/4/16	1220	
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name		
Company	Date: Time:	Company	Date:	Time:	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

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Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901 E. South St.
Anaheim, CA
Email: ascott@geotekusa.com
Phone: (951) 205-1653
Report To: Anna Scott
Sampler: Emma Pulleva

Date: 10/4/16
Client Project #: 1555-CR

Purge Number: □ 1P ~~□ 3P~~ □ 7P □ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project #: E-0608
Page: 2 of 3
Lab Use Only
Sample Condition as Recieved: Sealed ~~□~~ yes □ no

Turn Around Requested:
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ~~□~~ Mobile Lab

Tracer:
- ~~□~~ n-pentane
- ~~□~~ n-hexane
- ~~□~~ n-heptane
- □ Helium
- □ 1,1-DFA
- □ ____

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs + Oxys)				Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks & Special Instructions
PROBE #11 @ 10'5" @	3	4520	10/4/16	0906	0909	E-0608-11	200 cc/min	Extra.3	M100-106	SG	X				4	2	
PROBE #13 @ 10'5" @	3	4520	"	0919	0924	E-0608-12	"	Emma.1	M100-110	SG	X				6	2	
PROBE #14 @ 10'	3	4520	"	1005	1006	E-0608-13	"	Extra.1	M100-112	SG	X				18	2	
PROBE #15 @ 10'5" @	3	4520	"	0945	0946	E-0608-14	"	Emma.2	M100-010	SG	X				6	2	
PROBE #20 @ 10'	3	4520	"	1001	1002	E-0608-15	"	Extra.3	M100-106	SG	X				4	2	
PROBE #21 @ 10'5" @	3	4520	"	1017	1019	E-0608-16	"	Emma.1	M100-110	SG	X				42	2	
PROBE #22 @ 10'	3	4520	"	1022	1023	E-0608-17	"	Emma.2	M100-010	SG	X				4	2	
PROBE #16 @ 10'	3	4520	"	1032	1037	E-0608-18	"	Extra.1	M100-112	SG	X				42	2	
PROBE #17 @ 10'5" @	3	4520	"	1036	1039	E-0608-19	"	Emma.1	M100-110	SG	X				2	2	
PROBE #18 @ 10'	3	4520	"	1053	1055	E-0608-20	"	Extra.3	M100-106	SG	X				6	2	

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Total Number of Containers
			Emmanuella Pulleva	
Company	Date: Time:	Company	Date: Time:	
		Jones Env.	10/4/16 1220	
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name	
Company	Date: Time:	Company	Date: Time:	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

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Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901 E. South St. Anaheim, CA
Email: ascott@geotekusa.com
Phone: (951) 205-1653
Report To: Anna M. Scott
Sampler: Emma Pulleva

Date: 10/4/16
Client Project #: 1555-CR

Purge Number: □ 1P ☒ 3P □ 7P □ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project #: E-0608
Page: 3 of 3
Lab Use Only
Sample Condition as Recieved: Sealed ☒ yes □ no

Turn Around Requested:
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
☒ Mobile Lab

Tracer:
☒ n-pentane
☒ n-hexane
☒ n-heptane
□ Helium
□ 1,1-DFA
□ _____

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)				Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks & Special Instructions
PROBE #19 @ 5'	3	4520	10/4/16	1054	1057	E-0608-21	200 cc/min	Emma 2	M100-010	SG	X				42	2	
PROBE #25 @ 5'	3	4520		1111	1113	E-0608-22		Emma 1	M100-110	SG	X				6	2	
PROBE #24 @ 10'	3	4520		1115	1116	E-0608-23		Extra!	M100-112	SG	X				2	2	
PROBE #23 @ 5'	3	4520		1128	1129	E-0608-24		Emma 2	M100-010	SG	X				4	2	

Relinquished By (Signature) / Printed Name / Company / Date: / Time:

Received By (Signature): S / Printed Name: Emmanuella Pulleva / Company: JonesEnv. / Date: 10/4/16 / Time: 1220

Relinquished By (Signature) / Printed Name / Company / Date: / Time:

Received By Laboratory (Signature) / Printed Name / Company / Date: / Time:

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	11/4/2016
Client Address:	710 E. Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	D-1218 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	11/4/2016 11/4/2016 11/4/2016
Project Address:	901 E. South St. Anaheim, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

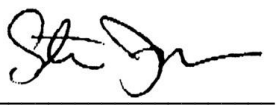
A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: 

Steve Jones, Ph.D.
Laboratory Manager

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	11/4/2016
Client Address:	710 E. Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	D-1218 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	11/4/2016 11/4/2016 11/4/2016
Project Address:	901 E. South St. Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B-26**	**B-27**	**B-28**	**B-29**	**B-30**		
JEL ID:	**D-1218-01**	**D-1218-02**	**D-1218-03**	**D-1218-04**	**D-1218-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	**0.008**	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B-26**	**B-27**	**B-28**	**B-29**	**B-30**		
JEL ID:	**D-1218-01**	**D-1218-02**	**D-1218-03**	**D-1218-04**	**D-1218-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.131**	**0.570**	**0.427**	**0.278**	**0.154**	0.008	µg/L
Toluene	ND	ND	**0.010**	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	**0.016**	**0.046**	**0.029**	**0.020**	**0.014**	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	**0.016**	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m/p-Xylenes	ND	ND	**0.011**	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.800	µg/L
n-heptane	ND	ND	ND	ND	ND	0.800	µg/L
n-hexane	ND	ND	ND	ND	ND	0.800	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	104%	105%	103%	100%	104%	60 - 140	
Toluene-d_8	81%	89%	91%	89%	87%	60 - 140	
4-Bromofluorobenzene	88%	88%	84%	86%	86%	60 - 140	
	D1-110416-D-1218	D1-110416-D-1218	D1-110416-D-1218	D1-110416-D-1218	D1-110416-D-1218		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	GeoTek, Inc.	**Report date:**	11/4/2016
Client Address:	710 E. Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	D-1218 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	11/4/2016 11/4/2016 11/4/2016
Project Address:	901 E. South St. Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B-31**	**B-32**	**B-33**	**B-34**		
JEL ID:	**D-1218-06**	**D-1218-07**	**D-1218-08**	**D-1218-09**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	ND	ND	ND	**0.020**	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	**0.009**	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B-31**	**B-32**	**B-33**	**B-34**		
JEL ID:	**D-1218-06**	**D-1218-07**	**D-1218-08**	**D-1218-09**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	**0.025**	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	**0.015**	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	**0.011**	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.630**	**0.086**	**0.043**	**0.062**	0.008	µg/L
Toluene	ND	ND	ND	**0.058**	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	**0.018**	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	**0.032**	ND	**0.065**	0.008	µg/L
1,3,5-Trimethylbenzene	ND	**0.013**	ND	**0.030**	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
m/p-Xylenes	ND	ND	ND	**0.108**	0.008	µg/L
o-Xylene	ND	ND	ND	**0.031**	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-pentane	ND	ND	ND	ND	0.800	µg/L
n-heptane	ND	ND	ND	ND	0.800	µg/L
n-hexane	ND	ND	ND	ND	0.800	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	106%	105%	107%	108%	60 - 140	
Toluene-d_8	89%	90%	89%	88%	60 - 140	
4-Bromofluorobenzene	88%	88%	85%	86%	60 - 140	
	D1-110416-D-1218	D1-110416-D-1218	D1-110416-D-1218	D1-110416-D-1218		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	GeoTek, Inc.	**Report date:**	11/4/2016
Client Address:	710 E. Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	D-1218 1555-CR
Attn:	Anna M. Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	11/4/2016 11/4/2016 11/4/2016
Project Address:	901 E. South St. Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**		
JEL ID:	**D-1218-44**	**D-1218-45**	**Practical Quantitation Limit**	**Units**
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK		
JEL ID:	D-1218-44	D-1218-45	Practical Quantitation Limit	Units
Analytes:				
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
m/p-Xylenes	ND	ND	0.008	µg/L
o-Xylene	ND	ND	0.008	µg/L
MTBE	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	0.400	µg/L
TIC:				
n-pentane	ND	ND	0.800	µg/L
n-heptane	ND	ND	0.800	µg/L
n-hexane	ND	ND	0.800	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	103%	106%	60 - 140	
Toluene-d_8	89%	92%	60 - 140	
4-Bromofluorobenzene	83%	88%	60 - 140	
	D1-110416-D-1218	D1-110416-D-1218		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	GeoTek, Inc.	**Report date:**	11/4/2016
Client Address:	710 E. Parkridge Ave., Suite 105 Corona, CA 92879	**JEL Ref. No.:**	D-1218
		Client Ref. No.:	1555-CR
Attn:	Anna M. Scott	**Date Sampled:**	11/4/2016
		Date Received:	11/4/2016
		Date Analyzed:	11/4/2016
Project Address:	901 E. South St. Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: D1-110416-D-1218

JEL ID:	**D-1218-47**	**D-1218-48**			**D-1218-46**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	101%	100%	0.7%	70 - 130	111%	80 - 120
1,1-Dichloroethylene	91%	92%	1.4%	70 - 130	110%	80 - 120
Cis-1,2-Dichloroethene	108%	109%	0.8%	70 - 130	111%	80 - 120
1,1,1-Trichloroethane	95%	93%	2.2%	70 - 130	97%	80 - 120
Benzene	114%	112%	1.8%	70 - 130	110%	80 - 120
Trichloroethylene	112%	112%	0.0%	70 - 130	111%	80 - 120
Toluene	104%	108%	3.8%	70 - 130	113%	80 - 120
Tetrachloroethene	105%	110%	4.5%	70 - 130	109%	80 - 120
Chlorobenzene	111%	111%	0.3%	70 - 130	101%	80 - 120
Ethylbenzene	116%	122%	5.1%	70 - 130	113%	80 - 120
1,2,4 Trimethylbenzene	111%	118%	5.7%	70 - 130	123%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	102%	102%		60 - 140	101%	60 - 140
Toluene-d_8	93%	95%		60 - 140	100%	60 - 140
4-Bromofluorobenzene	90%	93%		60 - 140	97%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL, INC.
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Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901 E. South St. Anaheim, CA
Email: ascott@geotekusa.com
Phone: (951) 205-1653
Report To: Anna M. Scott
Sampler: Emma Pullera

Date: 11/4/16
Client Project #: 1555-CR

Purge Number: □ 1P ☒ 3P □ 7P □ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project # D-1218
Page 1 of 1

Lab Use Only
Sample Condition as Recieved: Sealed ☒ yes □ no

Turn Around Requested:
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
☒ Mobile Lab

Tracer:
☒ n-pentane
☒ n-hexane
☒ n-heptane
□ Helium
□ 1,1-DFA
□ ____

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks & Special Instructions
B-26	3	1630	11/4/16	0828	0832	D-1218-01	200 cc/min	Emma-1	M100-113	SG	X	2	2	
B-27	3	1710		0844	847	D-1218-02				SG	X	42	2	
B-28	3	1630		0855	0906	D-1218-03				SG	X	2	2	
B-29	3	1710		0914	0924	D-1218-04				SG	X	42	2	
B-30	3	1630		0941	0943	D-1218-05				SG	X	42	2	
B-31	3	1710		1000	1002	D-1218-06				SG	X	42	2	
B-32	3	1630		1024	1026	D-1218-07				SG	X	42	2	
B-33	3	1710		1040	1042	D-1218-08				SG	X	42	2	
B-34	3	1630	↓	1053	1101	D-1218-09	↓	↓	↓	SG	X	8	2	

Relinquished By (Signature): Anna Scott
Printed Name: Anna Scott
Company: GeoTek Inc
Date: 11/4
Time: 11:37am

Received By (Signature):
Printed Name: Emmanuella Pullera
Company: Jones Env.
Date: 11/4/16
Time: 1137

Total Number of Containers

Relinquished By (Signature):
Printed Name:
Company:
Date:
Time:

Received By Laboratory (Signature):
Printed Name:
Company:
Date:
Time:

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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LABORATORY RESULTS

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: 

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B37-5'**	**B37-20'**	**B37-20' REP**	**B37-10'**	**B38-5'**		
JEL ID:	**E-0662-01**	**E-0662-02**	**E-0662-03**	**E-0662-04**	**E-0662-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	**0.011**	ND	ND	**0.010**	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B37-5'**	**B37-20'**	**B37-20' REP**	**B37-10'**	**B38-5'**		
JEL ID:	**E-0662-01**	**E-0662-02**	**E-0662-03**	**E-0662-04**	**E-0662-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	**0.019**	ND	ND	ND	**0.008**	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.199**	**0.381**	**0.366**	**0.272**	**0.222**	0.008	µg/L
Toluene	**0.070**	ND	ND	**0.018**	**0.057**	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	**0.010**	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	**0.028**	**0.028**	ND	**0.048**	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	**0.010**	ND	ND	**0.008**	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	**0.027**	ND	ND	**0.010**	**0.016**	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	**0.061**	ND	ND	ND	**0.039**	0.008	µg/L
o-Xylene	**0.023**	ND	ND	ND	**0.013**	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-heptane	ND	ND	ND	ND	ND	0.400	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	108%	118%	120%	126%	120%	60 - 140	
Toluene-d_8	98%	100%	99%	98%	100%	60 - 140	
4-Bromofluorobenzene	98%	97%	97%	107%	94%	60 - 140	
	E2-010517-E-0662	E1-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662	E1-010517-E-0662		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B38-10'**	**B38-10' REP**	**B38-20'**	**B39-5'**	**B39-10'**		
JEL ID:	**E-0662-06**	**E-0662-07**	**E-0662-08**	**E-0662-09**	**E-0662-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	**0.011**	**0.012**	ND	ND	**0.011**	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B38-10'**	**B38-10' REP**	**B38-20'**	**B39-5'**	**B39-10'**		
JEL ID:	**E-0662-06**	**E-0662-07**	**E-0662-08**	**E-0662-09**	**E-0662-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.471**	**0.465**	**0.538**	**0.427**	**0.673**	0.008	µg/L
Toluene	**0.020**	**0.019**	ND	**0.051**	**0.020**	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	**0.070**	**0.072**	ND	**0.017**	**0.019**	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	**0.008**	**0.053**	ND	ND	0.008	µg/L
Trichlorofluoromethane	**0.009**	**0.009**	ND	ND	**0.009**	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	**0.010**	**0.010**	ND	**0.014**	**0.010**	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	**0.040**	ND	0.008	µg/L
o-Xylene	ND	ND	ND	**0.014**	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-heptane	ND	ND	ND	ND	ND	0.400	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	136%	140%	118%	120%	134%	60 - 140	
Toluene-d_8	94%	94%	98%	99%	101%	60 - 140	
4-Bromofluorobenzene	102%	98%	91%	94%	93%	60 - 140	
	E2-010517-E-0662	E2-010517-E-0662	E1-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B39-20'**	**B40-5'**	**B40-10'**	**B40-20'**	**B36-5'**		
JEL ID:	**E-0662-11**	**E-0662-12**	**E-0662-13**	**E-0662-14**	**E-0662-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	**0.011**	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	**0.010**	**0.008**	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B39-20'**	**B40-5'**	**B40-10'**	**B40-20'**	**B36-5'**		
JEL ID:	**E-0662-11**	**E-0662-12**	**E-0662-13**	**E-0662-14**	**E-0662-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	**0.008**	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.577**	**0.431**	**0.156**	**0.379**	**0.116**	0.008	µg/L
Toluene	**0.102**	**0.043**	**0.015**	**0.008**	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	**0.010**	**0.020**	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	**0.011**	ND	ND	**0.008**	0.008	µg/L
Trichlorofluoromethane	ND	**0.009**	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	**0.013**	ND	**0.008**	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	**0.017**	**0.010**	ND	ND	ND	0.008	µg/L
o-Xylene	ND	**0.010**	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-heptane	ND	ND	ND	ND	ND	0.400	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	120%	140%	120%	120%	124%	60 - 140	
Toluene-d_8	100%	93%	99%	93%	97%	60 - 140	
4-Bromofluorobenzene	94%	92%	92%	97%	97%	60 - 140	
	E1-010517-E-0662	E2-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662	E2-010517-E-0662		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B36-10'**	**B36-20'**	**B35-5'**	**B35-10'**	**B35-20'**		
JEL ID:	**E-0662-16**	**E-0662-17**	**E-0662-18**	**E-0662-19**	**E-0662-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B36-10'**	**B36-20'**	**B35-5'**	**B35-10'**	**B35-20'**		
JEL ID:	**E-0662-16**	**E-0662-17**	**E-0662-18**	**E-0662-19**	**E-0662-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	**0.019**	0.008	µg/L
Freon 113	ND	ND	**0.009**	ND	**0.019**	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	**0.011**	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	**0.023**	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	**0.124**	**0.296**	**0.132**	**0.151**	**0.478**	0.008	µg/L
Toluene	ND	ND	**0.015**	ND	**0.093**	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	**0.009**	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	**0.010**	ND	**0.011**	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	**0.008**	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	**0.023**	**0.010**	ND	**0.101**	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	**0.027**	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	ND	**0.038**	0.008	µg/L
o-Xylene	ND	ND	ND	ND	**0.026**	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
TIC:							
n-pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-heptane	ND	ND	ND	ND	ND	0.400	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	119%	122%	98%	118%	140%	60 - 140	
Toluene-d_8	101%	103%	103%	102%	100%	60 - 140	
4-Bromofluorobenzene	95%	97%	101%	93%	98%	60 - 140	
	E1-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK	METHOD BLANK	SAMPLING BLANK		
JEL ID:	E-0662-90	E-0662-91	E-0662-92	E-0662-93	Practical Quantitation Limit	Units
Analytes:						
Benzene	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK	METHOD BLANK	SAMPLING BLANK		
JEL ID:	E-0662-90	E-0662-91	E-0662-92	E-0662-93	Practical Quantitation Limit	Units
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	ND	ND	0.008	µg/L
Toluene	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-pentane	ND	ND	ND	ND	0.400	µg/L
n-hexane	ND	ND	ND	ND	0.400	µg/L
n-heptane	ND	ND	ND	ND	0.400	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	123%	119%	137%	121%	60 - 140	
Toluene-d_8	98%	98%	93%	94%	60 - 140	
4-Bromofluorobenzene	95%	88%	97%	100%	60 - 140	
	E1-010517-E-0662	E1-010517-E-0662	E2-010517-E-0662	E2-010517-E-0662		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E1-010516-E-0662

JEL ID:	**E-0662-94**	**E-0662-95**			**E-0662-96**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	141%	142%	1.1%	70 - 130	128%	80 - 120
1,1-Dichloroethylene	110%	112%	1.7%	70 - 130	89%	80 - 120
Cis-1,2-Dichloroethene	115%	110%	4.4%	70 - 130	99%	80 - 120
1,1,1-Trichloroethane	109%	108%	1.5%	70 - 130	102%	80 - 120
Benzene	116%	112%	3.9%	70 - 130	108%	80 - 120
Trichloroethylene	105%	104%	0.8%	70 - 130	97%	80 - 120
Toluene	115%	112%	3.3%	70 - 130	101%	80 - 120
Tetrachloroethene	115%	112%	2.5%	70 - 130	102%	80 - 120
Chlorobenzene	115%	109%	5.6%	70 - 130	102%	80 - 120
Ethylbenzene	116%	113%	2.5%	70 - 130	102%	80 - 120
1,2,4 Trimethylbenzene	117%	112%	4.7%	70 - 130	101%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	110%	118%		60 - 140	107%	60 - 140
Toluene-d_8	98%	99%		60 - 140	98%	60 - 140
4-Bromofluorobenzene	98%	99%		60 - 140	95%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Geo Tek, Inc	**Report date:**	1/5/2017
Client Address:	701 East Parkridge Avenue, Sutie 105 Corona, CA 92879	**JEL Ref. No.:** **Client Ref. No.:**	E-0662 1555-CR
Attn:	Anna Scott	**Date Sampled:** **Date Received:** **Date Analyzed:**	1/5/2017 1/5/2017 1/5/2017
Project Address:	901 East South Street Anaheim, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E2-010517-E-0662

JEL ID:	**E-0662-97**	**E-0662-98**			**E-0662-99**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	108%	113%	4.3%	70 - 130	80%	80 - 120
1,1-Dichloroethylene	134%	128%	4.8%	70 - 130	113%	80 - 120
Cis-1,2-Dichloroethene	120%	118%	2.2%	70 - 130	92%	80 - 120
1,1,1-Trichloroethane	101%	110%	8.7%	70 - 130	98%	80 - 120
Benzene	121%	125%	2.7%	70 - 130	110%	80 - 120
Trichloroethylene	114%	106%	6.8%	70 - 130	96%	80 - 120
Toluene	116%	111%	4.7%	70 - 130	106%	80 - 120
Tetrachloroethene	119%	118%	0.7%	70 - 130	102%	80 - 120
Chlorobenzene	113%	112%	0.7%	70 - 130	97%	80 - 120
Ethylbenzene	131%	133%	1.6%	70 - 130	121%	80 - 120
1,2,4 Trimethylbenzene	120%	121%	1.5%	70 - 130	113%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	125%	129%		60 - 140	98%	60 - 140
Toluene-d_8	96%	99%		60 - 140	90%	60 - 140
4-Bromofluorobenzene	99%	108%		60 - 140	108%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Santa Fe Springs, CA 90670
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Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901 E. South Street, Anaheim, CA
Email: ascott@geotekusa.com
Phone: 951-710-1160
Report To: Anna Scott
Sampler: AMC

Date: 1-5-17
Client Project #: 1555-CR

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project #: E-06062
Page: 1 of 2

Lab Use Only
Sample Condition as Recieved: Sealed ☒ yes ☐ no

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal
- ☒ Mobile Lab

Tracer:
- ☐ n-pentane
- ☒ n-hexane
- ☐ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ _____

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B				Magnehelic Vacuum (in/H_2O)	Number of Containers	Remarks & Special Instructions
B37-5'	3	1620	1/5	1049	1053	E-06062-01	~200	S1	111	SG	X				2	2	
B37-20'	3	1880		1051	1053	E-06062-02		E2	002	SG	X				2	2	
B37-20' REP	3	1880		1108	1112	E-06062-03		E2	002	SG	X				2	2	
B37-10'	3	1710		1106	1113	E-06062-04		E1	118009	SG	X				2	2	
B38-5'	3	1620		1120	1128	E-06062-05		S1	111	SG	X				2	2	
B38-10'	3	1710		1122	1129	E-06062-06		E1	118009	SG	X				4	2	
B38-10' REP	3	1710		1139	1145	E-06062-07		E1	118009	SG	X				4	2	
B38-20'	3	1880		1142	1146	E-06062-08		S1	111	SG	X				22	2	
B39-5'	3	1620		1158	1203	E-06062-09		S1	111	SG	X				2	2	
B39-10'	3	1710	↓	1200	1203	E-06062-10	↓	E1	118009	SG	X				4	2	

Relinquished By (Signature): [signature] Printed Name: [illegible]
Company: GeoTek Date: 1/5/17 Time: 2:45

Received By (Signature): [signature] Printed Name: Angela Haar
Company: Jones Environmental, Inc. Date: 1/5/17 Time: 1445

Relinquished By (Signature) / Printed Name / Company / Date / Time

Received By Laboratory (Signature) / Printed Name / Company / Date / Time

20 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain of Custody Record

Client: GeoTek, Inc.
Project Name:
Project Address: 901. E. South Street, Anaheim, CA
Email: ascott@geotekusa.com
Phone: 951-710-1160
Report To: Anna Scott
Sampler: ANO

Date: 1-5-17
Client Project #: 1555-CR

Purge Number: □ 1P ☒ 3P □ 7P □ 10P
Shut-In Test: (Y) N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Project #: E-06662
Page: 1 of 2
Lab Use Only
Sample Condition as Recieved: Sealed ☒ yes □ no

Turn Around Requested:
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☒ Mobile Lab

Tracer:
- ☒ n-pentane
- □ n-hexane
- ☒ n-heptane
- □ Helium
- □ 1,1-DFA
- □ ____

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate mL/min	Pump Used	Magnehelic	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B				Magnehelic Vacuum (in/H_2O)	Number of Containers	Remarks & Special Instructions
B39-20'	3	1880	1/5	1213	1221	E-0662-11	~200	E2	002	SG	X				2	2	
B40-5'	3	1620		1215	1218	E-0662-12		S1	111	SG	X				2	2	
B40-10'	3	1710		1232	1237	E-0662-13		E1	118009	SG	X				2	2	
B40-20'	3	1880		1235	1238	E-0662-14		E2	002	SG	X				2	2	
B36-5'	3	1620		1256	1301	E-0662-15		S1	111	SG	X				4	2	
B36-10'	3	1710		1258	1302	E-0662-16		E1	118009	SG	X				6	2	
B36-20'	3	1880		1315	1318	E-0662-17		E2	002	SG	X				4	2	
B35-5'	3	1620		1347	1356	E-0662-18		S1	111	SG	X				4	2	
B35-10'	3	1710		1352	1355	E-0662-19		E1	118009	SG	X				4	2	
B35-20'	3	1880	↓	1411	1412	E-0662-20	↓	E2	002	SG	X				2	2	

Relinquished By (Signature): [signature] Printed Name: Ryan Hawkins
Company: GeoTek Inc. Date: 1/5/16 Time: 2:45

Relinquished By (Signature): Printed Name:
Company: Date: Time:

Received By (Signature): [signature] Printed Name: Angela Haar
Company: Jones Environmental, Inc. Date: 1/5/17 Time: 1445

Received By Laboratory (Signature): Printed Name:
Company: Date: Time:

20 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.