CORNERSTONE EARTH GROUP

Type of Services	**Soil Quality Evaluation**
Location	**4200 Dove Hill Road** **San Jose, California**
Client	**David J. Powers & Associates**
Client Address	**1871 The Alameda, Suite 200** **San Jose, California 95126**
Project Number	**118-66-2**
Date	**June 11, 2015**

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SECTION 1: INTRODUCTION

This report presents the Soil Quality Evaluation performed at a portion of 4200 Dove Hill Road in San Jose, California (Site) as shown on Figures 1 and 2. This work was performed for David J. Powers & Associates in accordance with our April 29, 2015 Agreement (Agreement).

Cornerstone Earth Group, Inc. (Cornerstone) understands that David J. Powers & Associates is assisting the City of San Jose in performing the required CEQA activities for a proposed on-Site development. The proposed development will consist of an assisted living facility with 290 units in two buildings. The residential buildings will be 4-stories built on podiums to allow ground-level parking. A small portion of both buildings will include ground-level residential. The project includes covered and uncovered parking areas, along with landscaped garden, recreational and common areas. Approximately 18 acres of the 21-acre Site will remain as private open space.

1.1 PURPOSE

The purpose of this Soil Quality Evaluation is to evaluate potential environmental concerns identified in the Phase I Environmental Site Assessment (ESA) (Cornerstone 2015) prepared for the Site. This evaluation is limited to the portion of the Site that is proposed for redevelopment with the planned assisted living facility. As discussed below in Section 2.0, the areas of concern evaluated include: 1) the occurrence of naturally occurring asbestos (NOA) in native soil; 2) the potential presence of pesticides in shallow soil near structures planned for demolition; and 3) the general quality of the undocumented fill present at the existing potted plant nursery.

Please refer directly to our Phase I ESA for an overview of the Site and our conclusions and recommendations.

1.2 SCOPE OF WORK

As presented in our Agreement (April 29, 2015), the scope of work performed for this investigation included the following:

- Collection of soil samples from 18 locations selected at the Site;
- Laboratory analyses of collected soil samples; and
- Preparation of this report.

The limitations for this investigation are presented in Section 6.

SECTION 2: BACKGROUND

Based on the information obtained during our Phase I ESA (Cornerstone 2015), the western and southern portions of the Site were historically occupied by an orchard. Most of the orchard trees appear to have been removed by the mid-1950s. During the 1960s, the southern portion of the Site formerly occupied by an orchard was used as a gravel quarry; quarrying activities appear to have been discontinued by 1974.

Two residences are located on-Site. Based on historical aerial photographs and topographic maps, the two-story residence appears to have been constructed between approximately 1939 and 1948, and the single-story residence was constructed between approximately 1953 and 1961. A wood framed workshop along with several small storage sheds and two horse paddocks also are present and appear to have been constructed during the 1960s.

The western portion of the Site reportedly was used as a trucking yard. This area currently is occupied by a landscape contractor's storage yard. A small wood-framed office building and several wood-framed storage sheds are present within the storage yard, along with metal shipping containers, several RVs and boats, and a variety of landscape maintenance equipment. Since the early 2000s, an on-Site area to the north of the storage yard has been used by the landscape contractor as a potted plant nursery.

Cornerstone's Phase I ESA recommended further evaluation to help address the following potential environmental concerns identified at the Site:

- Residual pesticide concentrations may remain in on-Site soil associated with the Site's prior agricultural use. We recommended soil sampling and analytical testing to evaluate if agricultural chemicals are present at concentrations that could pose a risk to the planned development.

- Previous studies identified serpentinite bedrock encountered at depths ranging from the ground surface to approximately 14 feet. Asbestos occurs naturally in ultramafic rock (such as serpentinite). We recommended collecting and analyzing soil samples for asbestos.

- Based on the age of some of the buildings, lead-based paint may be present. Soil adjacent to the structures that are painted with lead-containing paint can become impacted with lead as a result of the weathering and/or peeling of painted surfaces. Soil near wood framed structures also can be impacted by pesticides historically used to control termites. We recommended that shallow soil at the structure locations be evaluated for the possible presence of lead and pesticides.

- A stockpile of soil and landscaping mulch is present on the south side of the nursery area. Fill soil also appears to have been used within portions of the nursery to level areas on which potted plants were placed. The source and quality of the fill soil are not known. The potential for this soil to have significantly impacted the Site appears low; however, sampling and laboratory analyses to evaluate the fill quality was recommended.

SECTION 3: SOIL SAMPLING

3.1 SAMPLING AND ANALYSES PLAN

To evaluate soil quality, on May 19, 2015 our field geologist used hand sampling equipment to collect 18 soil samples from 18 selected locations at the Site. Three soil samples were collected from the fill soil present in the potted plant nursery area (S-1, S-17, and S-18); five soil samples were collected from the undeveloped portion of the Site where landscape improvements are planned (S-2 to S-6); and 10 soil samples were collected from locations near selected structures and water wells. The soil sampling and analyses plan is presented below in Table 1.

Table 1. Soil Sampling and Analyses Plan

Sample Location	Boring ID	Sample Depth (feet)	Laboratory Analysis						
			Organochlorine Pesticides	Arsenic, Lead, Mercury	CAM 17 Metals	VOCs and TPHg	TPHd and TPHo	PAHs	Asbestos (CARB 435)
Fill Soil at NurseryArea	S-1	½-1			x				x
	S-17	1½-2	x		x	x	x	x	
	S-18	0-½	x		x	x	x	x	
Planned Landscape Area	S-2	1½-2			x				x
	S-3	1-1½			x				x
Planned Garden Area	S-4	½-1			x				x
	S-5	1-1½			x				x
	S-6	0-½			x				x
Near On-Site Well (East)	S-7	0-½	x	x					
Near On-Site Well (West)	S-8	0-½	x	x					
Near Horse Paddock (North)	S-9	0-½	x	x					
Near Workshop	S-10	0-½	x	x					
Near Storage Sheds	S-11	0-½	x	x					
Near North Residence	S-12	0-½	x	x					
	S-13	0-½	x	x					
Near South Residence	S-14	0-½	x	x					
	S-15	0-½	x	x					
Near Horse Paddock (South)	S-16	0-½	x	x					

3.2 SOIL SAMPLE COLLECTION AND LABORATORY ANALYSES

Our field geologist collected the soil samples using hand sampling equipment. The sampling locations extended to approximate depths ranging from approximately ½ to 2 feet. Ends of soil samples for laboratory analyses were covered in a Teflon film, fitted with plastic end caps, and labeled with a unique sample identification number. For VOC analyses, we collected approximately 5 grams of soil from selected stainless steel liners using the Core-N-One™ Sampler in general accordance with EPA Method 5035. The coring body of the Core-N-One™

Sampler was pushed into a freshly exposed soil surface, filling the sampling chamber. Any excess soil extruding from the sample chamber was carefully removed by trimming away the excess with a clean field blade. A paper towel was used to wipe the sampler head to remove excess soil from the exterior so the cap can be tightly attached. The cap was gently treaded onto place on the sampling chamber, taking care to properly seat the sealing gasket on the chamber. Samples for laboratory analyses were placed in an ice-chilled cooler and transported to a state-certified laboratory with chain of custody documentation. Samples collected in the Core N' One capsules were extracted and preserved by the laboratory within approximately 48 hours of sample collection.

As shown in Table 1, the soil samples collected near structure and/or wells were analyzed for organochlorine pesticides (OCPs) by EPA Test Method 8081, lead by EPA Test Method 6010B, and since this portion of the site was formerly occupied by orchards, the soil samples were additionally analyzed for pesticide-related metals arsenic and mercury by EPA Test Method 6010B/7471A; soil samples collected from the fill at the potted plant nursery were analyzed for OCPs, California Assessment Manual (CAM) 17 metals, volatile organic compounds (VOCs) and gasoline-range total petroleum hydrocarbons (TPHg) by EPA Test Method 8260B, low-level polyaromatic hydrocarbons (PAHs) by EPA Test Method 8270C SIM, diesel (TPHd) and oil-range petroleum hydrocarbons (TPHo) with a silica gel cleanup by EPA Test Method 8015B, and asbestos; the five soil samples collected from the planned landscape areas were analyzed for CAM 17 metals and percent asbestos content.

Asbestos testing was performed by a specialized asbestos laboratory (Asbestos TEM Laboratories) using the California Air Resources Control Board (CARB) Method 435, which specifies a crushing and sieving method to provide a uniform sample. An aliquot of each sample was analyzed using the polarized light microscopy (PLM) method using a 400 point count, which has a detection limit of 0.25 percent.

SECTION 4: SUMMARY OF ANALYTICAL DATA

4.1 ENVIRONMENTAL SCREENING CRITERIA

Selected compounds detected are presented in Table A (Metals and Asbestos), Table B (OCPs), and Table C (TPH, VOCs, and PAHs); these tables are included in the Tables section of this report. Chain of custody documentation and laboratory analytical reports are presented in Appendix A. The results were compared to Regional Screening Levels (RSLs) established by the USEPA Region 9 (USEPA, January 2015) unless an alternate screening level is recommended in the DTSC Office of Human and Ecological Risk (HERO) guidance document Human Health Risk Assessment Note 3 dated July 14, 2014 (HERO, 2014). Lead was compared to its California Human Health Screening Level (CHHSL) established by the Office of Environmental Health Hazard Assessment (OEHHA), California Environmental Protection Agency (OEHHA, 2009).

For detected chemicals for which RSLs have not been established (i.e. total petroleum hydrocarbons), Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (December, 2013) were used for comparison. Metal concentrations were also compared to typical natural background levels in San Francisco Bay Area soils (Scott, 1991; Bradford, 1996; and Duverge, 2011). The soil results were also compared to their respective Total Threshold Limit Concentration (TTLC) criteria for hazardous waste designation established in Title 22 of the California Code of Regulations.

RSLs are used to screen sites for potential human health concerns where releases of chemicals to soil have occurred. They are risk-based concentrations derived from standardized equations combining exposure information assumptions with EPA toxicity data. RSLs are considered by the EPA to be protective for humans (including sensitive groups) over a lifetime; however, RSLs are not always applicable to a particular site and do not address non-human health endpoints, such as ecological impacts. The RSLs referenced in this report are generic; they are calculated without site-specific information. For non-carcinogenic compounds, the Hazard Quotient is the ratio of potential exposure to a substance and the level at which no adverse effects are expected. If the Hazard Quotient is calculated to be less than 1, then no adverse health effects are expected as a result of exposure. The RSLs presented in this report for non-carcinogenic compounds are based on a Hazard Quotient of 1.

Asbestos concentrations were compared to CARB Asbestos Toxic Control Measure (ATCM) regulatory threshold of 0.25 percent for construction and grading projects.

4.2 SUMMARY OF SOIL ANALYTICAL DATA

4.2.1 Asbestos

Asbestos as chrysotile was detected in 2 of 6 soil samples at concentrations of 0.25 percent and and 0.75 percent, respectively. The BAAQMD screening criteria is 0.25 percent. In the other four soil samples, the laboratory reported that chrysotile fibers were observed but no points were counted during the point counting technique using the PLM microscope.

4.2.2 Near Structures and Water Wells

OCPs chlordane and dieldrin were detected at concentrations exceeding their residential environmental screening criteria in 2 of 10 soil samples collected near structures and water wells. Soil samples S-13 and S-14, collected near the residences, contained chlordane concentrations of 2.3 milligrams per kilogram (mg/kg) and 2.5 mg/kg, respectively. These concentrations exceeded the residential RSL for chlordane of 1.8 mg/kg. Dieldrin was reported in the two soil samples at concentrations of 0.29 mg/kg and 0.053 mg/kg, respectively. These concentrations exceed its residential RSL of 0.033 mg/kg. Additionally, the detected dieldrin concentration in soil sample S-13 also exceeded its commercial RSL of 0.14 mg/kg.

The detected arsenic, lead, and mercury concentrations in the 10 soil samples did not exceed their respective residential environmental screening criteria and/or were within range of typical natural background.

4.2.3 Fill Quality at Nursery/Pond Area

The three soil samples collected from the fill soil did not detect VOCs and TPHg above their respective laboratory reporting limits. The detected concentrations of TPHd, PAHs, OCPs, and metals in the soil samples were below their respective residential environmental screening criteria. TPHo was detected in 1 of 2 fill samples at a concentration of 190 mg/kg which exceeds its residential ESL for odor/nuisance concerns (100 mg/kg) but is less than its residential ESL for human health direct exposure concerns. Furthermore, the detected TPHo concentration did not exceed either commercial ESL.

SECTION 5: CONCLUSIONS AND RECOMMENDATIONS

5.1 SERPENTINE SOILS

The specialized asbestos laboratory observed chrysotile asbestos fibers in the six soil samples; 2 of 6 soil samples contained concentrations of 0.25 percent and 0.75 percent. These concentrations meet or exceed the CARB ATCM regulatory threshold of 0.25 percent. Information reviewed by CARB has shown that activities associated with construction grading in areas known to have NOA can result in elevated levels of airborne asbestos. The threat posed by the disturbance of NOA during such activities can be reduced and/or minimized through the use of dust mitigation measures that address specific emission sources, such as track-out onto paved public roads, active storage piles, inactive disturbed surface areas and storage piles, traffic on unpaved on-site roads, earthmoving activities, off-site transport of materials, and post-project stabilization of disturbed soil surfaces.

Bay Area Air Quality Management District (BAAQMD) locally enforces the CARB ATCM regulation. BAAQMD requires project sites that contain greater than 0.25 percent asbestos have an Asbestos Dust Mitigation Plan (ADMP). For project sites greater than 1 acre in size, the ADMP is required to be submitted to BAAQMD for review and comment. If the project location is within ¼ mile of sensitive receptors, such as schools, residential housing, commercial structures, parks, or hospitals, air monitoring may be required by the BAAQMD during earthwork activities.

We recommend the preparation of a Site-specific Asbestos Dust Mitigation Plan (ADMP) specifying dust mitigation practices to be implemented during planned construction, excavation and grading activities. The ADMP will present protocols for the Contractor to utilize effective means of dust and erosion control to minimize the generation of dust and erosion associated with excavation activities, truck and vehicle traffic onto and off the Site, and the effects of ambient wind traversing exposed soil. Work activities, such as clearing, excavation and grading operations, construction vehicle traffic on unpaved ground, and wind blowing over disturbed soil surfaces may generate dust and particulate matter whenever exposed soil surfaces are dry. The Contractor will need to eliminate or minimize dust emissions to the maximum extent possible.

The ADMP should include protocols to perform air monitoring for contaminants of concern to document worker exposures and off-Site migration of dust, if any, during soil disturbing activities. To help limit exposure to future occupants, the ADMP should also include protocols for capping the NOA-affected soils in non-hardscape areas. A minimum approximately ½ foot thick “clean” soil cap typically is required; however, a thicker cap may be needed depending on the intended use of the planned non-hardscape area (e.g. if active gardening is planned).

We also recommend preparing a Health and Safety Plan (HSP) to provide general health and safety guidance such that field activities can be conducted in a safe manner. Contractors will be responsible for the health and safety of their employees during construction activities and should be required to develop their own HSP. Contractors are also required to determine the requirements for worker training, based on the level of expected contact to soil associated with the contractor’s activities and locations. The HSP should contain provisions for limiting and monitoring chemical exposure to construction workers, chemical and non-chemical hazards, emergency procedures, and standard safety protocols.

We recommend forwarding the ADMP to the BAAQMD for their review and approval.

As shown in Table A, elevated concentrations of chromium and nickel also were detected in the soil samples collected at the Site; however, the reported concentrations likely are considered natural background. High concentrations of nickel and chromium are more common in ultramafic rocks like serpentinite. Based on our experience, the elevated naturally occurring levels of nickel may contain soluble nickel concentrations that exceed its Soluble Threshold Limit Concentration (STLC), which defines a waste as hazardous in California. If excess excavated soil generated during Site development requires off-haul, there is a potential this soil will be classified as a hazardous waste and thus require disposal at a Class I hazardous landfill. Soil planned for off-haul will need to be properly characterized and profiled prior to off-haul.

5.2 SOIL QUALITY NEAR STRUCTURES AND WATER WELLS

Laboratory analyses of the 10 soil samples collected near selected structures and/or water wells did not detect OCPs, arsenic, lead, or mercury at concentrations that exceed residential environmental screening criteria except for two soil samples collected near the residences (S-13 and S-14). Soil sample S-13 was collected near the north residence and S-14 near the south residence. Chlordane and dieldrin were detected in the two soil samples at concentrations that exceed residential environmental screening criteria; dieldrin also exceeded is commercial environmental screening criteria in the S-13 soil sample.

The vertical and lateral extent of soil impacts near locations S-13 and S-14 are not known; however, based on our experience, the contamination likely is limited to the upper few feet of soil within approximately 5 to 10 feet of the structure. Additionally, based on the low concentrations of OCPs (e.g. below residential environmental screening criteria) detected in the two other samples collected near the north and south residences, soil impacts do not appear to extend around the entire building envelope.

Prior to redevelopment, we recommend additional soil sampling near the residences to help confirm the lateral and vertical extent of impact. We also recommend discussing the Site with County Health staff and/or another regulatory agency to evaluate requirements for their oversight. Please note that prior to approving redevelopment of the Site, a regulatory agency likely will require remedial measures to reduce potential health risks to future Site occupants resulting from exposure to the impacted soil. Common and potentially applicable remedial measures may include: 1) excavation and off-Site disposal of the impacted soil at a permitted facility; 2) the use of engineering and administrative controls, such as consolidation and capping of the soil on-Site and land use covenants restricting certain activities/uses; and 3) a combination of the above. A soil management plan should be prepared presenting the preferred remedial option. The plan should include a discussion of any additional Site characterization data, procedures for impacted soil excavation, soil stockpiling, off-haul, field observation by an environmental professional, confirmation sampling, and reporting requirements.

5.3 FILL QUALITY

Laboratory analyses of the three soil samples collected from the fill at the potted plant nursery did not detect OCPs, petroleum hydrocarbons, VOCs, and PAHs at concentrations that exceed selected environmental screening criteria. Except for nickel and chromium, the detected metal concentrations also appear typical of natural background for the San Francisco Bay Area (Scott, 1991). Although concentrations of these metals are greater than typical regional background

concentrations, the reported data is likely associated with the local geology and are considered background for the Site.

Based on the data, the fill appears suitable for on-Site reuse for the planned assisted living development. If off-Site disposal is planned, the analytical results should be forwarded to the receiving facility for comparison to their acceptance criteria. Most receiving facilities likely will require additional soil sampling and/or laboratory testing to help evaluate total and/or soluble metal concentrations and percent asbestos content. As discussed above, there is a potential that the soluble nickel may exceed its hazardous waste criteria and thus require disposal as a Class I hazardous waste, if the soil is excavated and off-hauled.

SECTION 6: LIMITATIONS

Cornerstone performed this investigation to support David J. Powers & Associates in evaluation of soil quality beneath the Site. David J. Powers & Associates understands that the extent of soil data obtained is based on the reasonable limits of time and budgetary constraints. In addition, the chemical information presented in this report can change over time and is only valid at the time of this investigation and for the locations sampled.

This report, an instrument of professional service, was prepared for the sole use of David J. Powers & Associates and may not be reproduced or distributed without written authorization from Cornerstone. Cornerstone makes no warranty, expressed or implied, except that our services have been performed in accordance with the environmental principles generally accepted at this time and location.

SECTION 7: REFERENCES

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DATA SUMMARY TABLES

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Table A. Analytical Results of Soil Samples - Metals/Asbestos
(Concentrations in mg/kg, unless stated otherwise)

Sample Location	Boring ID	Sample ID	Date	Depth (feet)	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc	Asbestos (Percent)
Fill Soil at Plant Nursery Area	S-1	S-1 (0.5'-1')	5/19/2015	½-1	<3.1	130	530	55	27	5.4	0.12	970	45	51	<0.25[9]
Planned Landscape area	S-2	S-2 (1.5'-2')	5/19/2015	1½-2	<3.3	130	560	61	33	6.9	0.1	1,100	41	56	0.25
Planned Landscape area	S-3	S-3 (1'-1.5')	5/19/2015	1-1½	<3.3	220	650	64	28	6.4	0.099	1,200	48	54	<0.25[9]
Planned Garden Area	S-4	S-4 (0.5-1')	5/19/2015	½-1	<3.1	98	460	51	24	9.9	0.082	1,000	43	47	0.75
Planned Garden Area	S-5	S-5 (1-1.5')	5/19/2015	1-1½	<3.3	130	350	43	34	12	0.076	780	48	60	<0.25[9]
Planned Garden Area	S-6	S-6 (0-0.5')	5/19/2015	0-½	4.2	120	260	36	33	11	0.083	570	43	65	<0.25[9]
Near On-Site Well (East)	S-7	S-7 (0-0.5')	5/19/2015	0-½	4.3	---	---	---	---	52	0.093	---	---	---	---
Near On-Site Well (West)	S-8	S-8 (0-0.5')	5/19/2015	0-½	3.2	---	---	---	---	80	0.084	---	---	---	---
Near Horse Paddock (North)	S-9	S-9 (0-0.5')	5/19/2015	0-½	3.3	---	---	---	---	14	0.072	---	---	---	---
Near Workshop	S-10	S-10 (0-0.5')	5/19/2015	0-½	<3.7	---	---	---	---	11	0.054	---	---	---	---
Near Storage Sheds	S-11	S-11 (0-0.5')	5/19/2015	0-½	<3.1	---	---	---	---	69	0.13	---	---	---	---
Near North Residence	S-12	S-12 (0-0.5')	5/19/2015	0-½	8.1	---	---	---	---	36	0.32	---	---	---	---
Near North Residence	S-13	S-13 (0-0.5')	5/19/2015	0-½	6	---	---	---	---	68	0.19	---	---	---	---
Near South Residence	S-14	S-14 (0-0.5')	5/19/2015	0-½	4.2	---	---	---	---	26	0.28	---	---	---	---
Near South Residence	S-15	S-15 (0-0.5')	5/19/2015	0-½	3.8	---	---	---	---	26	0.17	---	---	---	---
Near Horse Paddock (South)	S-16	S-16 (0-0.5')	5/19/2015	0-½	<3.4	---	---	---	---	16	0.08	---	---	---	---
Fill Soil at Plant Nursery Area	S-17	S-17 (1.5'-2.0')	5/19/2015	1½-2	<3.2	73	540	48	27	5.5	0.054	910	42	50	---
Fill Soil at Plant Nursery Area	S-18	S-18 (0-0.5')	5/19/2015	0-½	<3.1	69	530	47	26	5.3	0.085	880	41	49	---
Residential RSL[1] (HQ=1)					0.67	15,000	NE	23	3,100	80[2]	9.4	1,500	390	23,000	0.25[10]
Commercial RSL[1] (HQ=1)					3	220,000	NE	350	47,000	320[2]	40	22,000	5,800	350,000	0.25[10]
Scott, 1991 [3]	Background Range				0.2 to 5.5	---	30.5 to 72	---	23.8 to 47.5	6.8 to 16.1	0.05 to 0.90	46.4 to 101	39 to 288	47.7 to 82.8	
	Maximum Background Detection				20	---	170	---	67	54	1.3	145	---	120	
Bradford, 1996 [4]	Background Range				0.6 to 11	133 to 1,400	23 to 1,579	2.7 to 46.9	9.1 to 96.4	12.4 to 97.1	0.05 to 0.90	9 to 509	39 to 288	88 to 236	
	Upper Quartile				4.7	625	115	18.3	36.6	26.7	0.34	56	134	170	
LBNL, 2009 [5]	99th Percentile				28	410	120	25	63	43	0.42	272	90	140	
	95% Upper Tolerance Limit (UTL)				19.1	323.6	99.6	22.2	69.4	16.1	0.4	119.8	74.3	106.1	
Duverge, 2011 [6]	Mean				4.6	---	---	---	---	---	---	---	---	---	
	99th Percentile				11	---	---	---	---	---	---	---	---	---	
TTLC [7]					500	10000	2500	8000	2500	1000	20	2000	2400	5000	
STLC [8] (mg/L)					5	100	5	80	25	5	0.2	20	24	250	

1 Regional Screening Level (RSL), USEPA Region 9 - January 2015.
2 California Human Health Screening Level (CHHSL), CalEPA - September 2010.
3 Scott, Christina. December 1991. Background Metal Concentrations in Soils in Northern Santa Clara County.
4 Bradford, et. al. March 1996. Background Concentrations of Trace and Major Elements in California Soils.
5 LBNL, 2009. Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory.
6 Duverge, 2011. Establishing Backround Arsenic in Soil of the Urbanized San Francisco Bay Region.
7 Total Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
8 Soluble Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
9 Asbestos (Chrysotile) observed in sample but no points counted in PLM analysis
10 CARB regulatory threshold value
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed

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Table B. Analytical Results of Soil Samples - OCPs
(Concentrations in mg/kg)

Sample Location	Boring ID	Sample ID	Date	Depth (feet)	4,4´-DDD	4,4´-DDE	4,4´-DDT	DDT Total	alpha-Chlordane	Chlordane	Dieldrin	gamma-Chlordane	Heptachlor epoxide
Near On-Site Well (East)	S-7	S-7 (0-0.5')	5/19/2015	0-½	<0.002	0.0067	0.012	0.0187	<0.002	<0.039	0.006	<0.002	<0.002
Near On-Site Well (West)	S-8	S-8 (0-0.5')	5/19/2015	0-½	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.19	<0.0097	<0.0097	<0.0097
Near Horse Paddock (North)	S-9	S-9 (0-0.5')	5/19/2015	0-½	<0.002	0.0033	<0.002	0.0033	<0.002	<0.039	<0.002	<0.002	<0.002
Near Workshop	S-10	S-10 (0-0.5')	5/19/2015	0-½	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.039	<0.0019	<0.0019	<0.0019
Near Storage Sheds	S-11	S-11 (0-0.5')	5/19/2015	0-½	0.0089	0.011	0.023	0.0429	0.0099	0.053	0.0032	0.0073	<0.002
Near North Residence	S-12	S-12 (0-0.5')	5/19/2015	0-½	0.0045	0.0096	0.0046	0.0187	0.036	0.18	0.0049	0.023	<0.0019
Near North Residence	S-13	S-13 (0-0.5')	5/19/2015	0-½	0.011	0.043	0.074	0.128	0.44	**2.3**	**0.29**	0.57	0.059
Near South Residence	S-14	S-14 (0-0.5')	5/19/2015	0-½	<0.0098	0.026	0.035	0.061	0.51	**2.5**	**0.053**	0.4	0.03
Near South Residence	S-15	S-15 (0-0.5')	5/19/2015	0-½	0.012	0.011	0.0063	0.0293	0.2	0.6	0.008	0.13	<0.002
Near Horse Paddock (South)	S-16	S-16 (0-0.5')	5/19/2015	0-½	0.0021	0.011	0.0059	0.019	<0.002	<0.04	<0.002	<0.002	<0.002
Fill Soil at Plant Nursery Area	S-17	S-17 (1.5'-2.0')	5/19/2015	1½-2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.039	<0.002	<0.002	<0.002
Fill Soil at Plant Nursery Area	S-18	S-18 (0-0.5')	5/19/2015	0-½	0.0032	0.016	<0.002	0.0192	0.0082	0.062	0.0076	0.0051	<0.002
Residential RSL[1] (HQ=1)					2.2	1.6	1.9	NE	NE	1.8	0.033	NE	0.059
Commercial RSL[1] (HQ=1)					9.6	6.8	8.6	NE	NE	8	0.14	NE	0.25

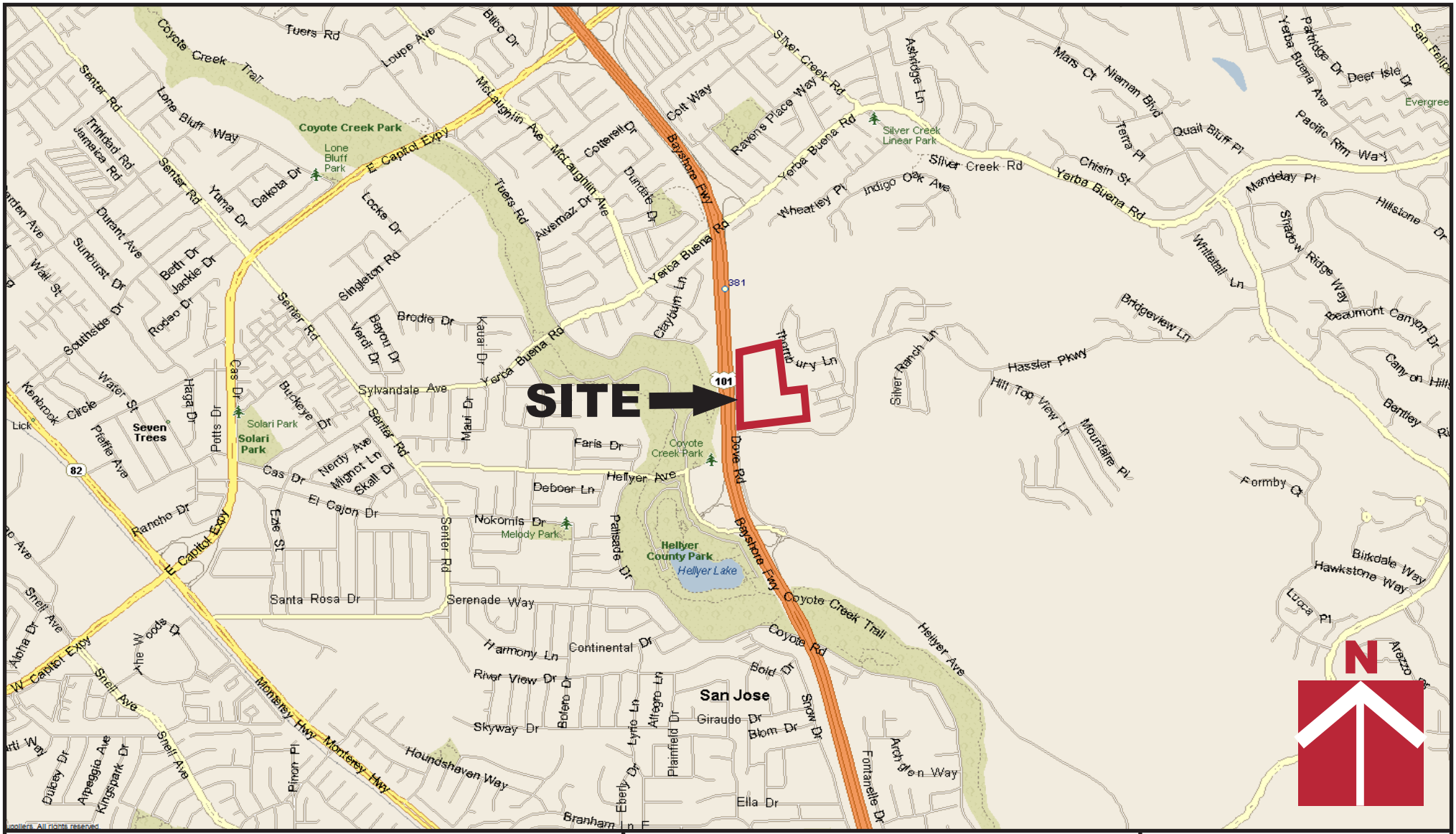
1 Regional Screening Level (RSL), USEPA Region 9 - January 2015.
< Not detected at or above laboratory reporting limit
NE Not Established
BOLD Concentration exceeds residential RSL
BOLD Concentration exceeds commercial RSL

CORNERSTONE EARTH GROUP

Table C. Analytical Results of Soil Samples - TPH/VOCs/PAHs
(Concentrations in mg/kg)

Sample Location	Boring ID	Sample ID	Date	Depth (feet)	TPHd	TPHo	VOCs/TPHg	Fluoranthene	Benzo[b] fluoranthene
Fill Soil at Plant Nursery	S-17	S-17 (1.5'-2.0')	5/19/2015	1½-2	<0.99	<50	ND	<0.0049	<0.0049
Fill Soil at Plant Nursery	S-18	S-18 (0-0.5')	5/19/2015	0-½	43	190	ND	0.021	0.023
Residential RSL[1] (HQ=1)					100 [2] (240)	100 [2] (10,000)	Varies	2,300	0.15
Commercial RSL[1] (HQ=1)					110 [2] (1,100)	500 [2] (100,000)	Varies	30,000	2.9

1 Regional Screening Level (RSL), USEPA Region 9 - January 2015.
2 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - December 2013
< Not detected at or above laboratory reporting limit
NE Not Established
ND Not Detected



CORNERSTONE EARTH GROUP

Vicinity Map

4200 Dove Hill Road
San Jose, CA

Project Number	118-66-2
Figure Number	Figure 1
Date	June 2015
Drawn By	RRN

Appoximate
Site Boundary

Hassler Parkway

Water tank

Undeveloped land and
The Ranch Golf Club

Residences

Work shop

Storage sheds

Horse paddock

Reported former pond

Natural spring

Water collection trough

Plant nursery area

Pond

Residential and
undeveloped land

Soil and landscape
mulch stockpile

Quarried area

Wells

Horse paddock

Landscaping contractor
storage yard

Dove Hill Road

Highway 101

S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 S-11 S-12 S-13 S-14 S-15 S-16 S-17 S-18

N

Legend

Approximate location of soil sample
(Cornerstone, 2015)

0 120 240
APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 2/23/2014

Project Number	118-66-2
Figure Number	Figure 2
Date	June 2015
Drawn By	RRN

Site Plan

4200 Dove Hill Road
San Jose, CA

CORNERSTONE
EARTH GROUP

CORNERSTONE EARTH GROUP

APPENDIX A – ANALYTICAL DATA SHEETS

CORNERSTONE
EARTH GROUP

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-64926-1
Client Project/Site: Phase II Soil Sampling Dovehill

For:
Cornerstone Earth Group
1259 Oakmead Parkway
Sunnyvale, California 94085

Attn: Kurt Soenen

Authorized for release by:
5/28/2015 7:52:04 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

Table of Contents

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-64926-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-64926-1

Comments
No additional comments.

Receipt
The samples were received on 5/20/2015 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed.

Samples S-14 to S-18 all have sample dates that are in the future. Logged sample date the same as the first page which is 5/19.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270C SIM: The following sample was diluted due to the abundance of non-target analytes: S-18 (0-0.5') (720-64926-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD for the following samples: S-16 (0-0.5') (720-64926-16). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD, alpha-Chlordane & gamma-Chlordane for the following samples: S-13 (0-0.5') (720-64926-13). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for Heptachlor epoxide, alpha-Chlordane & gamma-Chlordane for the following samples: S-14 (0-0.5') (720-64926-14). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 182341 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 182387 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for alpha-Chlordane & gamma-Chlordane for the following samples: S-11 (0-0.5') (720-64926-11). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD, 4,4'-DDT, alpha-Chlordane & gamma-Chlordane for the following samples: S-12 (0-0.5') (720-64926-12) and S-15 (0-0.5') (720-64926-15). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD, alpha-Chlordane & gamma-Chlordane for the following samples: S-18 (0-0.5') (720-64926-18). The lower value(s) has been reported and qualified in

Job ID: 720-64926-1 (Continued)

Laboratory: TestAmerica Pleasanton (Continued)

accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 720-182453 and analytical batch 720-182569 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The serial dilution performed for the following sample associated with batch 720-182569 was outside control limits: (720-64926-A-1-C SD)

Method(s) 6010B: The following samples was diluted due to the abundance of non-target analyte Fe: S-1 (0.5'-1') (720-64926-1), S-2 (1.5'-2') (720-64926-2), S-3 (1'-1.5') (720-64926-3), S-4 (0.5-1') (720-64926-4), S-5 (1-1.5') (720-64926-5), S-6 (0-0.5') (720-64926-6), S-9 (0-0.5') (720-64926-9), S-10 (0-0.5') (720-64926-10), S-11 (0-0.5') (720-64926-11), S-16 (0-0.5') (720-64926-16), S-17 (1.5'-2.0') (720-64926-17) and S-18 (0-0.5') (720-64926-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-1 (0.5'-1') — Lab Sample ID: 720-64926-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		1.6		mg/Kg	4		6010B	Total/NA
Chromium	530		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	55		0.63		mg/Kg	4		6010B	Total/NA
Copper	27		4.7		mg/Kg	4		6010B	Total/NA
Lead	5.4		1.6		mg/Kg	4		6010B	Total/NA
Nickel	970		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	45		1.6		mg/Kg	4		6010B	Total/NA
Zinc	51		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.12		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-2 (1.5'-2') — Lab Sample ID: 720-64926-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		1.6		mg/Kg	4		6010B	Total/NA
Chromium	560		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	61		0.65		mg/Kg	4		6010B	Total/NA
Copper	33		4.9		mg/Kg	4		6010B	Total/NA
Lead	6.9		1.6		mg/Kg	4		6010B	Total/NA
Nickel	1100		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	41		1.6		mg/Kg	4		6010B	Total/NA
Zinc	56		4.9		mg/Kg	4		6010B	Total/NA
Mercury	0.10		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-3 (1'-1.5') — Lab Sample ID: 720-64926-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	220		1.6		mg/Kg	4		6010B	Total/NA
Chromium	650		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	64		0.66		mg/Kg	4		6010B	Total/NA
Copper	28		4.9		mg/Kg	4		6010B	Total/NA
Lead	6.4		1.6		mg/Kg	4		6010B	Total/NA
Nickel	1200		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.6		mg/Kg	4		6010B	Total/NA
Zinc	54		4.9		mg/Kg	4		6010B	Total/NA
Mercury	0.099		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-4 (0.5-1') — Lab Sample ID: 720-64926-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	98		1.6		mg/Kg	4		6010B	Total/NA
Chromium	460		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	51		0.63		mg/Kg	4		6010B	Total/NA
Copper	24		4.7		mg/Kg	4		6010B	Total/NA
Lead	9.9		1.6		mg/Kg	4		6010B	Total/NA
Nickel	1000		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	43		1.6		mg/Kg	4		6010B	Total/NA
Zinc	47		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.082		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-5 (1-1.5') — Lab Sample ID: 720-64926-5

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-5 (1-1.5') (Continued) — Lab Sample ID: 720-64926-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		1.7		mg/Kg	4		6010B	Total/NA
Chromium	350		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	43		0.67		mg/Kg	4		6010B	Total/NA
Copper	34		5.0		mg/Kg	4		6010B	Total/NA
Lead	12		1.7		mg/Kg	4		6010B	Total/NA
Nickel	780		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.7		mg/Kg	4		6010B	Total/NA
Zinc	60		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.076		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-6 (0-0.5') — Lab Sample ID: 720-64926-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		2.9		mg/Kg	4		6010B	Total/NA
Barium	120		1.5		mg/Kg	4		6010B	Total/NA
Chromium	260		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	36		0.59		mg/Kg	4		6010B	Total/NA
Copper	33		4.4		mg/Kg	4		6010B	Total/NA
Lead	11		1.5		mg/Kg	4		6010B	Total/NA
Nickel	570		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	43		1.5		mg/Kg	4		6010B	Total/NA
Zinc	65		4.4		mg/Kg	4		6010B	Total/NA
Mercury	0.083		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-7 (0-0.5') — Lab Sample ID: 720-64926-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	6.0		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	12		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	6.7		2.0		ug/Kg	1		8081A	Total/NA
Lead	52		1.7		mg/Kg	4		6010B	Total/NA
Arsenic	4.3		3.3		mg/Kg	4		6010B	Total/NA
Mercury	0.093		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-8 (0-0.5') — Lab Sample ID: 720-64926-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	80		1.6		mg/Kg	4		6010B	Total/NA
Arsenic	3.2		3.2		mg/Kg	4		6010B	Total/NA
Mercury	0.084		0.0087		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-9 (0-0.5') — Lab Sample ID: 720-64926-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.3		2.0		ug/Kg	1		8081A	Total/NA
Lead	14		1.8		mg/Kg	4		6010B	Total/NA
Mercury	0.072		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-10 (0-0.5') — Lab Sample ID: 720-64926-10

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-10 (0-0.5') (Continued) — Lab Sample ID: 720-64926-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11		1.8		mg/Kg	4		6010B	Total/NA
Mercury	0.054		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-11 (0-0.5') — Lab Sample ID: 720-64926-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	3.2		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	23		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	11		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	8.9		2.0		ug/Kg	1		8081A	Total/NA
Chlordane (technical)	53		40		ug/Kg	1		8081A	Total/NA
alpha-Chlordane	9.9	p	2.0		ug/Kg	1		8081A	Total/NA
gamma-Chlordane	7.3	p	2.0		ug/Kg	1		8081A	Total/NA
Lead	69		1.6		mg/Kg	4		6010B	Total/NA
Mercury	0.13		0.0092		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-12 (0-0.5') — Lab Sample ID: 720-64926-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	4.9		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	4.6	p	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	9.6		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	4.5	p	1.9		ug/Kg	1		8081A	Total/NA
Chlordane (technical)	180		39		ug/Kg	1		8081A	Total/NA
alpha-Chlordane	36	p	1.9		ug/Kg	1		8081A	Total/NA
gamma-Chlordane	23	p	1.9		ug/Kg	1		8081A	Total/NA
Lead	36		1.5		mg/Kg	4		6010B	Total/NA
Arsenic	8.1		3.1		mg/Kg	4		6010B	Total/NA
Mercury	0.32		0.0091		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-13 (0-0.5') — Lab Sample ID: 720-64926-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	290		9.9		ug/Kg	5		8081A	Total/NA
Heptachlor epoxide	59	p	9.9		ug/Kg	5		8081A	Total/NA
4,4'-DDT	74		9.9		ug/Kg	5		8081A	Total/NA
4,4'-DDE	43		9.9		ug/Kg	5		8081A	Total/NA
4,4'-DDD	11	p	9.9		ug/Kg	5		8081A	Total/NA
Chlordane (technical)	2300		200		ug/Kg	5		8081A	Total/NA
alpha-Chlordane	440	p	9.9		ug/Kg	5		8081A	Total/NA
gamma-Chlordane	570		9.9		ug/Kg	5		8081A	Total/NA
Lead	68		1.7		mg/Kg	4		6010B	Total/NA
Arsenic	6.0		3.3		mg/Kg	4		6010B	Total/NA
Mercury	0.19		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-14 (0-0.5') — Lab Sample ID: 720-64926-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	53		9.8		ug/Kg	5		8081A	Total/NA
Heptachlor epoxide	30	p	9.8		ug/Kg	5		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample ID: S-14 (0-0.5') (Continued) — Lab Sample ID: 720-64926-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	35		9.8		ug/Kg	5		8081A	Total/NA
4,4'-DDE	26		9.8		ug/Kg	5		8081A	Total/NA
Chlordane (technical)	2500		200		ug/Kg	5		8081A	Total/NA
alpha-Chlordane	510	p	9.8		ug/Kg	5		8081A	Total/NA
gamma-Chlordane	400	p	9.8		ug/Kg	5		8081A	Total/NA
Lead	26		1.7		mg/Kg	4		6010B	Total/NA
Arsenic	4.2		3.4		mg/Kg	4		6010B	Total/NA
Mercury	0.28		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-15 (0-0.5') — Lab Sample ID: 720-64926-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	8.0		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	6.3	p	2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	11		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	12	p	2.0		ug/Kg	1		8081A	Total/NA
Chlordane (technical)	600		40		ug/Kg	1		8081A	Total/NA
alpha-Chlordane	200	p	2.0		ug/Kg	1		8081A	Total/NA
gamma-Chlordane	130	p	2.0		ug/Kg	1		8081A	Total/NA
Lead	26		1.6		mg/Kg	4		6010B	Total/NA
Arsenic	3.8		3.1		mg/Kg	4		6010B	Total/NA
Mercury	0.17		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-16 (0-0.5') — Lab Sample ID: 720-64926-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	5.9		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	11		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	2.1	p	2.0		ug/Kg	1		8081A	Total/NA
Lead	16		1.7		mg/Kg	4		6010B	Total/NA
Mercury	0.080		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-17 (1.5'-2.0') — Lab Sample ID: 720-64926-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	73		1.6		mg/Kg	4		6010B	Total/NA
Chromium	540		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	48		0.64		mg/Kg	4		6010B	Total/NA
Copper	27		4.8		mg/Kg	4		6010B	Total/NA
Lead	5.5		1.6		mg/Kg	4		6010B	Total/NA
Nickel	910		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	42		1.6		mg/Kg	4		6010B	Total/NA
Zinc	50		4.8		mg/Kg	4		6010B	Total/NA
Mercury	0.054		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: S-18 (0-0.5') — Lab Sample ID: 720-64926-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	23		20		ug/Kg	2		8270C SIM	Total/NA
Fluoranthene	21		20		ug/Kg	2		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-18 (0-0.5') (Continued)

Lab Sample ID: 720-64926-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	43		0.99		mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C24-C36]	190		50		mg/Kg	1		8015B	Silica Gel Cleanup
Dieldrin	7.6		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	16		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	3.2	p	2.0		ug/Kg	1		8081A	Total/NA
Chlordane (technical)	62		39		ug/Kg	1		8081A	Total/NA
alpha-Chlordane	8.2	p	2.0		ug/Kg	1		8081A	Total/NA
gamma-Chlordane	5.1	p	2.0		ug/Kg	1		8081A	Total/NA
Barium	69		1.6		mg/Kg	4		6010B	Total/NA
Chromium	530		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	47		0.63		mg/Kg	4		6010B	Total/NA
Copper	26		4.7		mg/Kg	4		6010B	Total/NA
Lead	5.3		1.6		mg/Kg	4		6010B	Total/NA
Nickel	880		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	41		1.6		mg/Kg	4		6010B	Total/NA
Zinc	49		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.085		0.0097		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-1 (0.5'-1')
Date Collected: 05/19/15 10:45
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-1
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Arsenic	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Barium	**130**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Beryllium	ND		0.31		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Cadmium	ND		0.39		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Chromium	**530**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Cobalt	**55**		0.63		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Copper	**27**		4.7		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Lead	**5.4**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Nickel	**970**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Selenium	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Silver	ND		0.79		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Vanadium	**45**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:49	4
Zinc	**51**		4.7		mg/Kg		05/27/15 14:23	05/28/15 11:49	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.010		mg/Kg		05/27/15 14:55	05/28/15 16:31	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-2 (1.5'-2')

Date Collected: 05/19/15 12:40
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-2

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Arsenic	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Barium	**130**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Beryllium	ND		0.33		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Cadmium	ND		0.41		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Chromium	**560**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Cobalt	**61**		0.65		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Copper	**33**		4.9		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Lead	**6.9**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Nickel	**1100**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Selenium	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Silver	ND		0.81		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Vanadium	**41**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:54	4
Zinc	**56**		4.9		mg/Kg		05/27/15 14:23	05/28/15 11:54	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.0095		mg/Kg		05/27/15 14:55	05/28/15 16:33	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-3 (1'-1.5')
Date Collected: 05/19/15 12:50
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-3
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Arsenic	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Barium	**220**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Beryllium	ND		0.33		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Cadmium	ND		0.41		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Chromium	**650**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Cobalt	**64**		0.66		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Copper	**28**		4.9		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Lead	**6.4**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Nickel	**1200**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Selenium	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Silver	ND		0.82		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Vanadium	**48**		1.6		mg/Kg		05/27/15 14:23	05/28/15 11:59	4
Zinc	**54**		4.9		mg/Kg		05/27/15 14:23	05/28/15 11:59	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.099**		0.010		mg/Kg		05/27/15 14:55	05/28/15 16:36	1

Client Sample ID: S-4 (0.5-1')

Date Collected: 05/19/15 15:05
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-4
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Arsenic	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Barium	**98**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Beryllium	ND		0.31		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Cadmium	ND		0.39		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Chromium	**460**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Cobalt	**51**		0.63		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Copper	**24**		4.7		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Lead	**9.9**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Nickel	**1000**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Selenium	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Silver	ND		0.79		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Vanadium	**43**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:14	4
Zinc	**47**		4.7		mg/Kg		05/27/15 14:23	05/28/15 12:14	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.082**		0.0094		mg/Kg		05/27/15 14:55	05/28/15 16:38	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-5 (1-1.5')
Date Collected: 05/19/15 15:30
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-5
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Arsenic	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Barium	**130**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Beryllium	ND		0.33		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Cadmium	ND		0.42		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Chromium	**350**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Cobalt	**43**		0.67		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Copper	**34**		5.0		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Lead	**12**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Molybdenum	ND		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Nickel	**780**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Selenium	ND		3.3		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Silver	ND		0.83		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Thallium	ND		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Vanadium	**48**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:20	4
Zinc	**60**		5.0		mg/Kg		05/27/15 14:23	05/28/15 12:20	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.076**		0.0095		mg/Kg		05/27/15 14:55	05/28/15 16:40	1

Client Sample ID: S-6 (0-0.5')

Date Collected: 05/19/15 15:50
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-6
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Arsenic	**4.2**		2.9		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Barium	**120**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Beryllium	ND		0.29		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Cadmium	ND		0.37		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Chromium	**260**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Cobalt	**36**		0.59		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Copper	**33**		4.4		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Lead	**11**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Molybdenum	ND		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Nickel	**570**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Selenium	ND		2.9		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Silver	ND		0.74		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Thallium	ND		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Vanadium	**43**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:25	4
Zinc	**65**		4.4		mg/Kg		05/27/15 14:23	05/28/15 12:25	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.083**		0.0095		mg/Kg		05/27/15 14:55	05/28/15 16:47	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-7 (0-0.5')

Date Collected: 05/19/15 13:10
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-7

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Dieldrin	**6.0**		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endrin	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
4,4'-DDT	**12**		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
4,4'-DDE	**6.7**		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
4,4'-DDD	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Toxaphene	ND		39		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
Chlordane (technical)	ND		39		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*57 - 122*	*05/26/15 11:46*	*05/28/15 15:11*	*1*
DCB Decachlorobiphenyl	*123*		*21 - 136*	*05/26/15 11:46*	*05/28/15 15:11*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**52**		1.7		mg/Kg		05/27/15 14:23	05/28/15 12:30	4
Arsenic	**4.3**		3.3		mg/Kg		05/27/15 14:23	05/28/15 12:30	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.093**		0.010		mg/Kg		05/27/15 14:55	05/28/15 16:50	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-8 (0-0.5')
Date Collected: 05/19/15 11:34
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-8
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Dieldrin	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endrin aldehyde	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endrin	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endrin ketone	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Heptachlor	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Heptachlor epoxide	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
4,4'-DDT	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
4,4'-DDE	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
4,4'-DDD	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endosulfan I	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endosulfan II	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
alpha-BHC	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
beta-BHC	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
gamma-BHC (Lindane)	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
delta-BHC	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Endosulfan sulfate	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Methoxychlor	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Toxaphene	ND		190		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
Chlordane (technical)	ND		190		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
alpha-Chlordane	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5
gamma-Chlordane	ND		9.7		ug/Kg		05/26/15 11:46	05/28/15 14:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*57 - 122*	*05/26/15 11:46*	*05/28/15 14:35*	*5*
DCB Decachlorobiphenyl	*96*	*p*	*21 - 136*	*05/26/15 11:46*	*05/28/15 14:35*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**80**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:35	4
Arsenic	**3.2**		3.2		mg/Kg		05/27/15 14:23	05/28/15 12:35	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.084**		0.0087		mg/Kg		05/27/15 14:55	05/28/15 16:52	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-9 (0-0.5')

Date Collected: 05/19/15 13:00
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-9

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Dieldrin	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endrin	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
4,4'-DDT	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
4,4'-DDE	**3.3**		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
4,4'-DDD	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Toxaphene	ND		39		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
Chlordane (technical)	ND		39		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/28/15 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*57 - 122*	*05/26/15 11:46*	*05/28/15 14:52*	*1*
DCB Decachlorobiphenyl	*55*	*p*	*21 - 136*	*05/26/15 11:46*	*05/28/15 14:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**		1.8		mg/Kg		05/27/15 14:23	05/28/15 12:40	4
Arsenic	ND		3.6		mg/Kg		05/27/15 14:23	05/28/15 12:40	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.072**		0.0097		mg/Kg		05/27/15 14:55	05/28/15 16:55	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-10 (0-0.5')
Date Collected: 05/19/15 13:45
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-10
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Dieldrin	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endrin aldehyde	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endrin	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endrin ketone	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Heptachlor	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
4,4'-DDT	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
4,4'-DDE	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
4,4'-DDD	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endosulfan I	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endosulfan II	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
alpha-BHC	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
beta-BHC	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
delta-BHC	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Methoxychlor	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Toxaphene	ND		39		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
Chlordane (technical)	ND		39		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
alpha-Chlordane	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1
gamma-Chlordane	ND		1.9		ug/Kg		05/26/15 11:46	05/28/15 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*57 - 122*	*05/26/15 11:46*	*05/28/15 15:09*	*1*
DCB Decachlorobiphenyl	*104*		*21 - 136*	*05/26/15 11:46*	*05/28/15 15:09*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**11**		1.8		mg/Kg		05/27/15 14:23	05/28/15 12:45	4
Arsenic	ND		3.7		mg/Kg		05/27/15 14:23	05/28/15 12:45	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**		0.0094		mg/Kg		05/27/15 14:55	05/28/15 16:57	1

Client Sample ID: S-11 (0-0.5')

Date Collected: 05/19/15 11:34
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-11

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Dieldrin	**3.2**		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
4,4'-DDT	**23**		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
4,4'-DDE	**11**		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
4,4'-DDD	**8.9**		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Toxaphene	ND		40		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
Chlordane (technical)	**53**		40		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
alpha-Chlordane	**9.9**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1
gamma-Chlordane	**7.3**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*57 - 122*	*05/26/15 19:45*	*05/28/15 09:50*	*1*
DCB Decachlorobiphenyl	*110*		*21 - 136*	*05/26/15 19:45*	*05/28/15 09:50*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**69**		1.6		mg/Kg		05/27/15 14:23	05/28/15 12:50	4
Arsenic	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 12:50	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.0092		mg/Kg		05/27/15 14:55	05/28/15 17:00	1

Client Sample ID: S-12 (0-0.5')

Date Collected: 05/19/15 14:06
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-12

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Dieldrin	**4.9**		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endrin aldehyde	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endrin	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endrin ketone	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Heptachlor	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
4,4'-DDT	**4.6**	**p**	1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
4,4'-DDE	**9.6**		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
4,4'-DDD	**4.5**	**p**	1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endosulfan I	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endosulfan II	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
alpha-BHC	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
beta-BHC	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
delta-BHC	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Methoxychlor	ND		1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Toxaphene	ND		39		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
Chlordane (technical)	**180**		39		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
alpha-Chlordane	**36**	**p**	1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1
gamma-Chlordane	**23**	**p**	1.9		ug/Kg		05/26/15 19:45	05/28/15 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*57 - 122*	*05/26/15 19:45*	*05/28/15 10:06*	*1*
DCB Decachlorobiphenyl	*112*	*p*	*21 - 136*	*05/26/15 19:45*	*05/28/15 10:06*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**36**		1.5		mg/Kg		05/27/15 14:23	05/28/15 12:55	4
Arsenic	**8.1**		3.1		mg/Kg		05/27/15 14:23	05/28/15 12:55	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.0091		mg/Kg		05/27/15 14:55	05/28/15 17:03	1

Client Sample ID: S-13 (0-0.5')

Date Collected: 05/19/15 13:55
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-13

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Dieldrin	**290**		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endrin aldehyde	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endrin	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endrin ketone	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Heptachlor	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Heptachlor epoxide	**59**	**p**	9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
4,4'-DDT	**74**		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
4,4'-DDE	**43**		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
4,4'-DDD	**11**	**p**	9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endosulfan I	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endosulfan II	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
alpha-BHC	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
beta-BHC	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
gamma-BHC (Lindane)	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
delta-BHC	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Endosulfan sulfate	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Methoxychlor	ND		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Toxaphene	ND		200		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
Chlordane (technical)	**2300**		200		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
alpha-Chlordane	**440**	**p**	9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5
gamma-Chlordane	**570**		9.9		ug/Kg		05/26/15 19:45	05/28/15 13:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 122*	*05/26/15 19:45*	*05/28/15 13:07*	*5*
DCB Decachlorobiphenyl	*106*	*p*	*21 - 136*	*05/26/15 19:45*	*05/28/15 13:07*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**68**		1.7		mg/Kg		05/27/15 14:23	05/28/15 13:00	4
Arsenic	**6.0**		3.3		mg/Kg		05/27/15 14:23	05/28/15 13:00	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.0088		mg/Kg		05/27/15 14:55	05/28/15 17:06	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-14 (0-0.5')

Date Collected: 05/19/15 14:15
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-14

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Dieldrin	**53**		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endrin aldehyde	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endrin	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endrin ketone	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Heptachlor	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Heptachlor epoxide	**30**	**p**	9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
4,4'-DDT	**35**		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
4,4'-DDE	**26**		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
4,4'-DDD	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endosulfan I	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endosulfan II	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
alpha-BHC	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
beta-BHC	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
gamma-BHC (Lindane)	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
delta-BHC	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Endosulfan sulfate	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Methoxychlor	ND		9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Toxaphene	ND		200		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
Chlordane (technical)	**2500**		200		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
alpha-Chlordane	**510**	**p**	9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5
gamma-Chlordane	**400**	**p**	9.8		ug/Kg		05/26/15 19:45	05/28/15 13:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*57 - 122*	*05/26/15 19:45*	*05/28/15 13:24*	*5*
DCB Decachlorobiphenyl	*129*	*p*	*21 - 136*	*05/26/15 19:45*	*05/28/15 13:24*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**26**		1.7		mg/Kg		05/27/15 14:23	05/28/15 13:15	4
Arsenic	**4.2**		3.4		mg/Kg		05/27/15 14:23	05/28/15 13:15	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.0094		mg/Kg		05/27/15 14:55	05/28/15 17:08	1

Client Sample ID: S-15 (0-0.5')

Date Collected: 05/19/15 14:21
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-15

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Dieldrin	**8.0**		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
4,4'-DDT	**6.3**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
4,4'-DDE	**11**		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
4,4'-DDD	**12**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Toxaphene	ND		40		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
Chlordane (technical)	**600**		40		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
alpha-Chlordane	**200**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1
gamma-Chlordane	**130**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*57 - 122*	*05/26/15 19:45*	*05/28/15 10:57*	*1*
DCB Decachlorobiphenyl	*67*	*p*	*21 - 136*	*05/26/15 19:45*	*05/28/15 10:57*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**26**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:20	4
Arsenic	**3.8**		3.1		mg/Kg		05/27/15 14:23	05/28/15 13:20	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.17**		0.0095		mg/Kg		05/27/15 14:55	05/28/15 17:11	1

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-16 (0-0.5')

Date Collected: 05/19/15 14:29
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-16

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Dieldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
4,4'-DDT	**5.9**		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
4,4'-DDE	**11**		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
4,4'-DDD	**2.1**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Toxaphene	ND		40		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
Chlordane (technical)	ND		40		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*57 - 122*	*05/26/15 19:45*	*05/28/15 12:49*	*1*
DCB Decachlorobiphenyl	*117*		*21 - 136*	*05/26/15 19:45*	*05/28/15 12:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**16**		1.7		mg/Kg		05/27/15 14:23	05/28/15 13:24	4
Arsenic	ND		3.4		mg/Kg		05/27/15 14:23	05/28/15 13:24	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.080**		0.0097		mg/Kg		05/27/15 14:55	05/28/15 17:18	1

Client Sample ID: S-17 (1.5'-2.0')
Date Collected: 05/19/15 10:17
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-17
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Acetone	ND		48		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Benzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Dichlorobromomethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Bromobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chlorobromomethane	ND		19		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Bromoform	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Bromomethane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
2-Butanone (MEK)	ND		48		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
n-Butylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
sec-Butylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
tert-Butylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Carbon disulfide	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Carbon tetrachloride	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chloroethane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chloroform	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chloromethane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
2-Chlorotoluene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
4-Chlorotoluene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Chlorodibromomethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,3-Dichloropropane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1-Dichloropropene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Ethylene Dibromide	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Dibromomethane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1-Dichloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2-Dichloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1-Dichloroethene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2-Dichloropropane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Ethylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Hexachlorobutadiene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
2-Hexanone	ND		48		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Isopropylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
4-Isopropyltoluene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Methylene Chloride	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Naphthalene	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
N-Propylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Styrene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1

Client Sample ID: S-17 (1.5'-2.0')
Date Collected: 05/19/15 10:17
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-17
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Tetrachloroethene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Toluene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Trichloroethene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Trichlorofluoromethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Vinyl acetate	ND		19		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Vinyl chloride	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Xylenes, Total	ND		9.6		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
2,2-Dichloropropane	ND		4.8		ug/Kg		05/20/15 14:40	05/20/15 14:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		05/20/15 14:40	05/20/15 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*45 - 131*	*05/20/15 14:40*	*05/20/15 14:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 140*	*05/20/15 14:40*	*05/20/15 14:59*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*05/20/15 14:40*	*05/20/15 14:59*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Acenaphthylene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Anthracene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Benzo[a]anthracene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Benzo[a]pyrene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Chrysene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Fluoranthene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Fluorene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Naphthalene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Phenanthrene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1
Pyrene	ND		4.9		ug/Kg		05/26/15 23:14	05/27/15 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*33 - 120*	*05/26/15 23:14*	*05/27/15 15:37*	*1*
Terphenyl-d14	*77*		*35 - 146*	*05/26/15 23:14*	*05/27/15 15:37*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	F1	0.99		mg/Kg		05/26/15 11:10	05/26/15 21:13	1

Client Sample ID: S-17 (1.5'-2.0')
Date Collected: 05/19/15 10:17
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-17
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/26/15 11:10	05/26/15 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.02*		*0 - 1*	*05/26/15 11:10*	*05/26/15 21:13*	*1*
p-Terphenyl	*91*		*38 - 148*	*05/26/15 11:10*	*05/26/15 21:13*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Dieldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
4,4'-DDT	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
4,4'-DDE	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
4,4'-DDD	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Toxaphene	ND		39		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
Chlordane (technical)	ND		39		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*57 - 122*	*05/26/15 19:45*	*05/28/15 11:30*	*1*
DCB Decachlorobiphenyl	*64*	*p*	*21 - 136*	*05/26/15 19:45*	*05/28/15 11:30*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Arsenic	ND		3.2		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Barium	**73**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Beryllium	ND		0.32		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Cadmium	ND		0.40		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Chromium	**540**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Cobalt	**48**		0.64		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Copper	**27**		4.8		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Lead	**5.5**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Nickel	**910**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Selenium	ND		3.2		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Silver	ND		0.80		mg/Kg		05/27/15 14:23	05/28/15 13:30	4

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-17 (1.5'-2.0')
Date Collected: 05/19/15 10:17
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-17
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Vanadium	**42**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:30	4
Zinc	**50**		4.8		mg/Kg		05/27/15 14:23	05/28/15 13:30	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**		0.0098		mg/Kg		05/27/15 14:55	05/28/15 17:21	1

Client Sample ID: S-18 (0-0.5')
Date Collected: 05/19/15 11:15
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-18
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Acetone	ND		53		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Benzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Dichlorobromomethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Bromobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chlorobromomethane	ND		21		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Bromoform	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Bromomethane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
2-Butanone (MEK)	ND		53		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
n-Butylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
sec-Butylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
tert-Butylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Carbon disulfide	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Carbon tetrachloride	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chloroethane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chloroform	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chloromethane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
2-Chlorotoluene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
4-Chlorotoluene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Chlorodibromomethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2-Dichlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,3-Dichlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,4-Dichlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,3-Dichloropropane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1-Dichloropropene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2-Dibromo-3-Chloropropane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Ethylene Dibromide	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Dibromomethane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Dichlorodifluoromethane	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1-Dichloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2-Dichloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1-Dichloroethene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
cis-1,2-Dichloroethene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
trans-1,2-Dichloroethene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2-Dichloropropane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
cis-1,3-Dichloropropene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
trans-1,3-Dichloropropene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Ethylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Hexachlorobutadiene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
2-Hexanone	ND		53		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Isopropylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
4-Isopropyltoluene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Methylene Chloride	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		53		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Naphthalene	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
N-Propylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Styrene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1,1,2-Tetrachloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1

Client Sample ID: S-18 (0-0.5')
Date Collected: 05/19/15 11:15
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-18
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Tetrachloroethene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Toluene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2,3-Trichlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2,4-Trichlorobenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1,1-Trichloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1,2-Trichloroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Trichloroethene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Trichlorofluoromethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2,3-Trichloropropane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,2,4-Trimethylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
1,3,5-Trimethylbenzene	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Vinyl acetate	ND		21		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Vinyl chloride	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Xylenes, Total	ND		11		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
2,2-Dichloropropane	ND		5.3		ug/Kg		05/20/15 14:40	05/20/15 15:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		270		ug/Kg		05/20/15 14:40	05/20/15 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*45 - 131*	*05/20/15 14:40*	*05/20/15 15:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 140*	*05/20/15 14:40*	*05/20/15 15:27*	*1*
Toluene-d8 (Surr)	*93*		*58 - 140*	*05/20/15 14:40*	*05/20/15 15:27*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Acenaphthylene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Anthracene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Benzo[a]anthracene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Benzo[a]pyrene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Benzo[b]fluoranthene	**23**		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Benzo[g,h,i]perylene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Benzo[k]fluoranthene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Chrysene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Dibenz(a,h)anthracene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Fluoranthene	**21**		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Fluorene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Indeno[1,2,3-cd]pyrene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Naphthalene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Phenanthrene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2
Pyrene	ND		20		ug/Kg		05/26/15 23:14	05/27/15 18:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*43*		*33 - 120*	*05/26/15 23:14*	*05/27/15 18:47*	*2*
Terphenyl-d14	*53*		*35 - 146*	*05/26/15 23:14*	*05/27/15 18:47*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**43**		0.99		mg/Kg		05/26/15 11:10	05/27/15 23:51	1

Client Sample ID: S-18 (0-0.5')

Date Collected: 05/19/15 11:15
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-18

Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	**190**		50		mg/Kg		05/26/15 11:10	05/27/15 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.04*		*0 - 1*	*05/26/15 11:10*	*05/27/15 23:51*	*1*
p-Terphenyl	*69*		*38 - 148*	*05/26/15 11:10*	*05/27/15 23:51*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Dieldrin	**7.6**		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
4,4'-DDT	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
4,4'-DDE	**16**		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
4,4'-DDD	**3.2**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Toxaphene	ND		39		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
Chlordane (technical)	**62**		39		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
alpha-Chlordane	**8.2**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1
gamma-Chlordane	**5.1**	**p**	2.0		ug/Kg		05/26/15 19:45	05/28/15 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*117*		*57 - 122*	*05/26/15 19:45*	*05/28/15 11:47*	*1*
DCB Decachlorobiphenyl	*114*		*21 - 136*	*05/26/15 19:45*	*05/28/15 11:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Arsenic	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Barium	**69**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Beryllium	ND		0.31		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Cadmium	ND		0.39		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Chromium	**530**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Cobalt	**47**		0.63		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Copper	**26**		4.7		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Lead	**5.3**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Molybdenum	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Nickel	**880**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Selenium	ND		3.1		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Silver	ND		0.78		mg/Kg		05/27/15 14:23	05/28/15 13:35	4

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-18 (0-0.5')
Date Collected: 05/19/15 11:15
Date Received: 05/20/15 10:20

Lab Sample ID: 720-64926-18
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Vanadium	**41**		1.6		mg/Kg		05/27/15 14:23	05/28/15 13:35	4
Zinc	**49**		4.7		mg/Kg		05/27/15 14:23	05/28/15 13:35	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.085**		0.0097		mg/Kg		05/27/15 14:55	05/28/15 17:24	1

Surrogate Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	12DCE	TOL
Lab Sample ID	Client Sample ID	(45-131)	(60-140)	(58-140)
720-64926-17	S-17 (1.5'-2.0')	94	95	95
720-64926-18	S-18 (0-0.5')	89	94	93
LCS 720-182071/11	Lab Control Sample	94	98	99
LCS 720-182071/9	Lab Control Sample	96	90	98
LCSD 720-182071/10	Lab Control Sample Dup	95	95	99
LCSD 720-182071/12	Lab Control Sample Dup	102	96	100
MB 720-182071/5	Method Blank	97	98	99

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C SIM - PAHs by GCMS (SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		FBP	TPH
Lab Sample ID	Client Sample ID	(33-120)	(35-146)
720-64926-17	S-17 (1.5'-2.0')	69	77
720-64926-18	S-18 (0-0.5')	43	53
720-64963-A-3-G MS	Matrix Spike	87	101
720-64963-A-3-H MSD	Matrix Spike Duplicate	89	101
LCS 720-182402/2-A	Lab Control Sample	77	90
MB 720-182402/1-A	Method Blank	75	87

Surrogate Legend

FBP = 2-Fluorobiphenyl
TPH = Terphenyl-d14

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)	
		NDA1	PTP1
Lab Sample ID	Client Sample ID	(0-1)	(38-148)
720-64926-17	S-17 (1.5'-2.0')	0.02	91
720-64926-17 MS	S-17 (1.5'-2.0')		88
720-64926-17 MSD	S-17 (1.5'-2.0')		93
720-64926-18	S-18 (0-0.5')	0.04	69
LCS 720-182334/2-A	Lab Control Sample		110
MB 720-182334/1-A	Method Blank	0	95

Surrogate Legend

NDA = Capric Acid (Surr)
PTP = p-Terphenyl

Surrogate Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB1
Lab Sample ID	Client Sample ID	(57-122)	(21-136)
720-64814-A-33-A MS	Matrix Spike	101	114
720-64814-A-33-B MSD	Matrix Spike Duplicate	99	109
720-64926-10	S-10 (0-0.5')	112	104
720-64926-11	S-11 (0-0.5')	96	110
720-64926-12	S-12 (0-0.5')	102	112 p
720-64926-13	S-13 (0-0.5')	76	106 p
720-64926-15	S-15 (0-0.5')	99	67 p
720-64926-16	S-16 (0-0.5')	91	117
720-65029-A-1-A MS	Matrix Spike	106	103
720-65029-A-1-B MSD	Matrix Spike Duplicate	103	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(57-122)	(21-136)
720-64926-8	S-8 (0-0.5')	92	96 p
720-64926-14	S-14 (0-0.5')	77	129 p

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB2
Lab Sample ID	Client Sample ID	(57-122)	(21-136)
720-64926-17	S-17 (1.5'-2.0')	111	64 p
720-64926-18	S-18 (0-0.5')	117	114
LCS 720-182341/2-A	Lab Control Sample	98	114
LCS 720-182387/2-A	Lab Control Sample	97	117

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(57-122)	(21-136)
720-64926-7	S-7 (0-0.5')	90	123

Surrogate Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (57-122)	DCB2 (21-136)								
720-64926-9	S-9 (0-0.5')	92	55 p								
MB 720-182341/1-A	Method Blank	96	114								
MB 720-182387/1-A	Method Blank	96	112								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-182071/5
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			05/20/15 11:48	1
Acetone	ND		50		ug/Kg			05/20/15 11:48	1
Benzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Dichlorobromomethane	ND		5.0		ug/Kg			05/20/15 11:48	1
Bromobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Chlorobromomethane	ND		20		ug/Kg			05/20/15 11:48	1
Bromoform	ND		5.0		ug/Kg			05/20/15 11:48	1
Bromomethane	ND		10		ug/Kg			05/20/15 11:48	1
2-Butanone (MEK)	ND		50		ug/Kg			05/20/15 11:48	1
n-Butylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
sec-Butylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
tert-Butylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Carbon disulfide	ND		5.0		ug/Kg			05/20/15 11:48	1
Carbon tetrachloride	ND		5.0		ug/Kg			05/20/15 11:48	1
Chlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Chloroethane	ND		10		ug/Kg			05/20/15 11:48	1
Chloroform	ND		5.0		ug/Kg			05/20/15 11:48	1
Chloromethane	ND		10		ug/Kg			05/20/15 11:48	1
2-Chlorotoluene	ND		5.0		ug/Kg			05/20/15 11:48	1
4-Chlorotoluene	ND		5.0		ug/Kg			05/20/15 11:48	1
Chlorodibromomethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,3-Dichloropropane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1-Dichloropropene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			05/20/15 11:48	1
Ethylene Dibromide	ND		5.0		ug/Kg			05/20/15 11:48	1
Dibromomethane	ND		10		ug/Kg			05/20/15 11:48	1
Dichlorodifluoromethane	ND		10		ug/Kg			05/20/15 11:48	1
1,1-Dichloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/20/15 11:48	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			05/20/15 11:48	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2-Dichloropropane	ND		5.0		ug/Kg			05/20/15 11:48	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			05/20/15 11:48	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			05/20/15 11:48	1
Ethylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Hexachlorobutadiene	ND		5.0		ug/Kg			05/20/15 11:48	1
2-Hexanone	ND		50		ug/Kg			05/20/15 11:48	1
Isopropylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
4-Isopropyltoluene	ND		5.0		ug/Kg			05/20/15 11:48	1
Methylene Chloride	ND		10		ug/Kg			05/20/15 11:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			05/20/15 11:48	1
Naphthalene	ND		10		ug/Kg			05/20/15 11:48	1
N-Propylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Styrene	ND		5.0		ug/Kg			05/20/15 11:48	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-182071/5
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
Tetrachloroethene	ND		5.0		ug/Kg			05/20/15 11:48	1
Toluene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
Trichloroethene	ND		5.0		ug/Kg			05/20/15 11:48	1
Trichlorofluoromethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			05/20/15 11:48	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			05/20/15 11:48	1
Vinyl acetate	ND		20		ug/Kg			05/20/15 11:48	1
Vinyl chloride	ND		5.0		ug/Kg			05/20/15 11:48	1
Xylenes, Total	ND		10		ug/Kg			05/20/15 11:48	1
2,2-Dichloropropane	ND		5.0		ug/Kg			05/20/15 11:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			05/20/15 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*45 - 131*		*05/20/15 11:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 140*		*05/20/15 11:48*	*1*
Toluene-d8 (Surr)	*99*		*58 - 140*		*05/20/15 11:48*	*1*

Lab Sample ID: LCS 720-182071/11
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	969		ug/Kg		97	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 140*
Toluene-d8 (Surr)	*99*		*58 - 140*

Lab Sample ID: LCS 720-182071/9
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	49.2		ug/Kg		98	70 - 144
Acetone	250	290		ug/Kg		116	30 - 162
Benzene	50.0	48.7		ug/Kg		97	70 - 130
Dichlorobromomethane	50.0	49.0		ug/Kg		98	70 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-182071/9
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	49.9		ug/Kg		100	70 - 130
Chlorobromomethane	50.0	50.2		ug/Kg		100	70 - 130
Bromoform	50.0	52.2		ug/Kg		104	59 - 158
Bromomethane	50.0	46.5		ug/Kg		93	59 - 132
2-Butanone (MEK)	250	252		ug/Kg		101	53 - 133
n-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 142
sec-Butylbenzene	50.0	47.5		ug/Kg		95	70 - 136
tert-Butylbenzene	50.0	48.8		ug/Kg		98	70 - 130
Carbon disulfide	50.0	43.1		ug/Kg		86	60 - 140
Carbon tetrachloride	50.0	49.4		ug/Kg		99	70 - 142
Chlorobenzene	50.0	48.6		ug/Kg		97	70 - 130
Chloroethane	50.0	48.0		ug/Kg		96	65 - 130
Chloroform	50.0	49.5		ug/Kg		99	77 - 127
Chloromethane	50.0	43.1		ug/Kg		86	55 - 140
2-Chlorotoluene	50.0	49.2		ug/Kg		98	70 - 138
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136
Chlorodibromomethane	50.0	51.0		ug/Kg		102	70 - 146
1,2-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 130
1,3-Dichlorobenzene	50.0	48.3		ug/Kg		97	70 - 131
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 130
1,3-Dichloropropane	50.0	48.7		ug/Kg		97	70 - 140
1,1-Dichloropropene	50.0	51.8		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/Kg		105	60 - 145
Ethylene Dibromide	50.0	50.3		ug/Kg		101	70 - 140
Dibromomethane	50.0	50.4		ug/Kg		101	70 - 139
Dichlorodifluoromethane	50.0	44.9		ug/Kg		90	37 - 158
1,1-Dichloroethane	50.0	49.3		ug/Kg		99	70 - 130
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	70 - 130
1,1-Dichloroethene	50.0	42.8		ug/Kg		86	74 - 122
cis-1,2-Dichloroethene	50.0	48.7		ug/Kg		97	70 - 138
trans-1,2-Dichloroethene	50.0	44.8		ug/Kg		90	67 - 130
1,2-Dichloropropane	50.0	47.8		ug/Kg		96	73 - 127
cis-1,3-Dichloropropene	50.0	52.1		ug/Kg		104	68 - 147
trans-1,3-Dichloropropene	50.0	54.6		ug/Kg		109	70 - 155
Ethylbenzene	50.0	47.6		ug/Kg		95	80 - 137
Hexachlorobutadiene	50.0	50.2		ug/Kg		100	70 - 132
2-Hexanone	250	259		ug/Kg		104	44 - 133
Isopropylbenzene	50.0	48.1		ug/Kg		96	70 - 130
4-Isopropyltoluene	50.0	47.5		ug/Kg		95	70 - 133
Methylene Chloride	50.0	46.3		ug/Kg		93	70 - 134
4-Methyl-2-pentanone (MIBK)	250	266		ug/Kg		106	60 - 160
Naphthalene	50.0	51.0		ug/Kg		102	60 - 147
N-Propylbenzene	50.0	47.2		ug/Kg		94	70 - 130
Styrene	50.0	48.0		ug/Kg		96	70 - 130
1,1,1,2-Tetrachloroethane	50.0	50.6		ug/Kg		101	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/Kg		98	70 - 146
Tetrachloroethene	50.0	50.3		ug/Kg		101	70 - 132
Toluene	50.0	47.7		ug/Kg		95	80 - 128

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-182071/9
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	50.0	49.3		ug/Kg		99	60 - 140
1,2,4-Trichlorobenzene	50.0	47.6		ug/Kg		95	60 - 140
1,1,1-Trichloroethane	50.0	48.4		ug/Kg		97	70 - 130
1,1,2-Trichloroethane	50.0	51.1		ug/Kg		102	70 - 130
Trichloroethene	50.0	49.1		ug/Kg		98	70 - 133
Trichlorofluoromethane	50.0	51.3		ug/Kg		103	60 - 140
1,2,3-Trichloropropane	50.0	50.7		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.9		ug/Kg		92	60 - 140
1,2,4-Trimethylbenzene	50.0	48.5		ug/Kg		97	70 - 130
1,3,5-Trimethylbenzene	50.0	49.5		ug/Kg		99	70 - 131
Vinyl acetate	50.0	57.3		ug/Kg		115	38 - 176
Vinyl chloride	50.0	45.8		ug/Kg		92	58 - 125
m-Xylene & p-Xylene	50.0	47.2		ug/Kg		94	70 - 146
o-Xylene	50.0	48.1		ug/Kg		96	70 - 140
2,2-Dichloropropane	50.0	49.7		ug/Kg		99	70 - 162

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 140*
Toluene-d8 (Surr)	*98*		*58 - 140*

Lab Sample ID: LCSD 720-182071/10
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	49.4		ug/Kg		99	70 - 144	0	20
Acetone	250	297		ug/Kg		119	30 - 162	2	30
Benzene	50.0	48.3		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	50.0	49.7		ug/Kg		99	70 - 140	1	20
Bromobenzene	50.0	50.3		ug/Kg		101	70 - 130	1	20
Chlorobromomethane	50.0	50.3		ug/Kg		101	70 - 130	0	20
Bromoform	50.0	52.4		ug/Kg		105	59 - 158	0	20
Bromomethane	50.0	45.6		ug/Kg		91	59 - 132	2	20
2-Butanone (MEK)	250	263		ug/Kg		105	53 - 133	4	20
n-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 142	0	20
sec-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 136	1	20
tert-Butylbenzene	50.0	49.3		ug/Kg		99	70 - 130	1	20
Carbon disulfide	50.0	42.5		ug/Kg		85	60 - 140	1	20
Carbon tetrachloride	50.0	49.0		ug/Kg		98	70 - 142	1	20
Chlorobenzene	50.0	47.6		ug/Kg		95	70 - 130	2	20
Chloroethane	50.0	46.2		ug/Kg		92	65 - 130	4	20
Chloroform	50.0	49.1		ug/Kg		98	77 - 127	1	20
Chloromethane	50.0	43.6		ug/Kg		87	55 - 140	1	20
2-Chlorotoluene	50.0	50.1		ug/Kg		100	70 - 138	2	20
4-Chlorotoluene	50.0	49.7		ug/Kg		99	70 - 136	1	20
Chlorodibromomethane	50.0	52.5		ug/Kg		105	70 - 146	3	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-182071/10
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130	3	20
1,3-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 131	0	20
1,4-Dichlorobenzene	50.0	49.5		ug/Kg		99	70 - 130	2	20
1,3-Dichloropropane	50.0	49.9		ug/Kg		100	70 - 140	3	20
1,1-Dichloropropene	50.0	52.9		ug/Kg		106	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	51.3		ug/Kg		103	60 - 145	3	20
Ethylene Dibromide	50.0	50.0		ug/Kg		100	70 - 140	1	20
Dibromomethane	50.0	49.8		ug/Kg		100	70 - 139	1	20
Dichlorodifluoromethane	50.0	42.7		ug/Kg		85	37 - 158	5	20
1,1-Dichloroethane	50.0	49.8		ug/Kg		100	70 - 130	1	20
1,2-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 130	1	20
1,1-Dichloroethene	50.0	42.8		ug/Kg		86	74 - 122	0	20
cis-1,2-Dichloroethene	50.0	49.8		ug/Kg		100	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	45.9		ug/Kg		92	67 - 130	2	20
1,2-Dichloropropane	50.0	47.7		ug/Kg		95	73 - 127	0	20
cis-1,3-Dichloropropene	50.0	51.9		ug/Kg		104	68 - 147	0	20
trans-1,3-Dichloropropene	50.0	54.3		ug/Kg		109	70 - 155	1	20
Ethylbenzene	50.0	46.5		ug/Kg		93	80 - 137	3	20
Hexachlorobutadiene	50.0	50.3		ug/Kg		101	70 - 132	0	20
2-Hexanone	250	268		ug/Kg		107	44 - 133	4	20
Isopropylbenzene	50.0	47.8		ug/Kg		96	70 - 130	1	20
4-Isopropyltoluene	50.0	47.8		ug/Kg		96	70 - 133	1	20
Methylene Chloride	50.0	46.5		ug/Kg		93	70 - 134	0	20
4-Methyl-2-pentanone (MIBK)	250	271		ug/Kg		108	60 - 160	2	20
Naphthalene	50.0	51.8		ug/Kg		104	60 - 147	2	20
N-Propylbenzene	50.0	47.6		ug/Kg		95	70 - 130	1	20
Styrene	50.0	47.1		ug/Kg		94	70 - 130	2	20
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/Kg		97	70 - 130	5	20
1,1,2,2-Tetrachloroethane	50.0	50.9		ug/Kg		102	70 - 146	4	20
Tetrachloroethene	50.0	51.3		ug/Kg		103	70 - 132	2	20
Toluene	50.0	47.3		ug/Kg		95	80 - 128	1	20
1,2,3-Trichlorobenzene	50.0	49.5		ug/Kg		99	60 - 140	0	20
1,2,4-Trichlorobenzene	50.0	48.4		ug/Kg		97	60 - 140	2	20
1,1,1-Trichloroethane	50.0	48.4		ug/Kg		97	70 - 130	0	20
1,1,2-Trichloroethane	50.0	49.9		ug/Kg		100	70 - 130	2	20
Trichloroethene	50.0	49.3		ug/Kg		99	70 - 133	0	20
Trichlorofluoromethane	50.0	49.8		ug/Kg		100	60 - 140	3	20
1,2,3-Trichloropropane	50.0	53.4		ug/Kg		107	70 - 146	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.0		ug/Kg		92	60 - 140	0	20
1,2,4-Trimethylbenzene	50.0	49.1		ug/Kg		98	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	50.7		ug/Kg		101	70 - 131	2	20
Vinyl acetate	50.0	56.3		ug/Kg		113	38 - 176	2	20
Vinyl chloride	50.0	44.3		ug/Kg		89	58 - 125	3	20
m-Xylene & p-Xylene	50.0	45.8		ug/Kg		92	70 - 146	3	20
o-Xylene	50.0	47.2		ug/Kg		94	70 - 140	2	20
2,2-Dichloropropane	50.0	49.4		ug/Kg		99	70 - 162	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-182071/10
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 140*
Toluene-d8 (Surr)	*99*		*58 - 140*

Lab Sample ID: LCSD 720-182071/12
Matrix: Solid
Analysis Batch: 182071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	963		ug/Kg		96	61 - 128	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*
Toluene-d8 (Surr)	*100*		*58 - 140*

Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-182402/1-A
Matrix: Solid
Analysis Batch: 182429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Acenaphthylene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Anthracene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Benzo[a]anthracene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Benzo[a]pyrene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Chrysene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Fluoranthene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Fluorene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Naphthalene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Phenanthrene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1
Pyrene	ND		5.0		ug/Kg		05/26/15 23:14	05/27/15 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*33 - 120*	*05/26/15 23:14*	*05/27/15 11:11*	*1*
Terphenyl-d14	*87*		*35 - 146*	*05/26/15 23:14*	*05/27/15 11:11*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCS 720-182402/2-A
Matrix: Solid
Analysis Batch: 182429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	333	244		ug/Kg		74	43 - 120
Acenaphthylene	333	264		ug/Kg		80	46 - 120
Anthracene	333	257		ug/Kg		77	55 - 120
Benzo[a]anthracene	333	283		ug/Kg		85	65 - 120
Benzo[a]pyrene	333	285		ug/Kg		86	62 - 120
Benzo[b]fluoranthene	333	265		ug/Kg		80	60 - 120
Benzo[g,h,i]perylene	333	272		ug/Kg		82	42 - 120
Benzo[k]fluoranthene	333	267		ug/Kg		80	63 - 120
Chrysene	333	278		ug/Kg		84	54 - 120
Dibenz(a,h)anthracene	333	307		ug/Kg		92	51 - 120
Fluoranthene	333	258		ug/Kg		78	59 - 120
Fluorene	333	259		ug/Kg		78	47 - 120
Indeno[1,2,3-cd]pyrene	333	286		ug/Kg		86	50 - 120
Naphthalene	333	243		ug/Kg		73	42 - 120
Phenanthrene	333	247		ug/Kg		74	51 - 120
Pyrene	333	257		ug/Kg		77	63 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*33 - 120*
Terphenyl-d14	*90*		*35 - 146*

Lab Sample ID: 720-64963-A-3-G MS
Matrix: Solid
Analysis Batch: 182429

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 182402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		333	275		ug/Kg		82	33 - 120
Acenaphthylene	ND		333	292		ug/Kg		88	28 - 120
Anthracene	ND		333	294		ug/Kg		88	36 - 120
Benzo[a]anthracene	ND		333	324		ug/Kg		97	29 - 120
Benzo[a]pyrene	ND		333	322		ug/Kg		97	24 - 120
Benzo[b]fluoranthene	ND		333	305		ug/Kg		91	17 - 132
Benzo[g,h,i]perylene	ND		333	333		ug/Kg		100	21 - 120
Benzo[k]fluoranthene	ND		333	314		ug/Kg		94	35 - 120
Chrysene	ND		333	317		ug/Kg		94	29 - 120
Dibenz(a,h)anthracene	ND		333	349		ug/Kg		105	36 - 120
Fluoranthene	ND		333	312		ug/Kg		93	24 - 120
Fluorene	ND		333	291		ug/Kg		87	35 - 120
Indeno[1,2,3-cd]pyrene	ND		333	332		ug/Kg		100	20 - 126
Naphthalene	ND		333	266		ug/Kg		80	32 - 120
Phenanthrene	ND		333	283		ug/Kg		84	28 - 120
Pyrene	ND		333	296		ug/Kg		88	24 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*87*		*33 - 120*
Terphenyl-d14	*101*		*35 - 146*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-64963-A-3-H MSD
Matrix: Solid
Analysis Batch: 182429

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 182402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		330	274		ug/Kg		83	33 - 120	0	20
Acenaphthylene	ND		330	299		ug/Kg		90	28 - 120	2	20
Anthracene	ND		330	297		ug/Kg		90	36 - 120	1	20
Benzo[a]anthracene	ND		330	322		ug/Kg		98	29 - 120	1	20
Benzo[a]pyrene	ND		330	319		ug/Kg		97	24 - 120	1	20
Benzo[b]fluoranthene	ND		330	317		ug/Kg		95	17 - 132	4	20
Benzo[g,h,i]perylene	ND		330	326		ug/Kg		99	21 - 120	2	20
Benzo[k]fluoranthene	ND		330	298		ug/Kg		90	35 - 120	5	20
Chrysene	ND		330	314		ug/Kg		94	29 - 120	1	20
Dibenz(a,h)anthracene	ND		330	345		ug/Kg		105	36 - 120	1	20
Fluoranthene	ND		330	314		ug/Kg		95	24 - 120	1	20
Fluorene	ND		330	298		ug/Kg		90	35 - 120	2	20
Indeno[1,2,3-cd]pyrene	ND		330	326		ug/Kg		99	20 - 126	2	20
Naphthalene	ND		330	276		ug/Kg		84	32 - 120	4	20
Phenanthrene	ND		330	287		ug/Kg		86	28 - 120	2	20
Pyrene	ND		330	297		ug/Kg		89	24 - 123	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*89*		*33 - 120*
Terphenyl-d14	*101*		*35 - 146*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-182334/1-A
Matrix: Solid
Analysis Batch: 182332

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 182334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/26/15 11:10	05/26/15 20:43	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/26/15 11:10	05/26/15 20:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*05/26/15 11:10*	*05/26/15 20:43*	*1*
p-Terphenyl	*95*		*38 - 148*	*05/26/15 11:10*	*05/26/15 20:43*	*1*

Lab Sample ID: LCS 720-182334/2-A
Matrix: Solid
Analysis Batch: 182332

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 182334

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			82.1	57.4		mg/Kg		70	36 - 112		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*110*		*38 - 148*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 720-64926-17 MS
Matrix: Solid
Analysis Batch: 182331

Client Sample ID: S-17 (1.5'-2.0')
Prep Type: Silica Gel Cleanup
Prep Batch: 182334

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND	F1	82.8	49.5		mg/Kg		59	50 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*88*		*38 - 148*

Lab Sample ID: 720-64926-17 MSD
Matrix: Solid
Analysis Batch: 182331

Client Sample ID: S-17 (1.5'-2.0')
Prep Type: Silica Gel Cleanup
Prep Batch: 182334

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND	F1	83.1	39.3	F1	mg/Kg		46	50 - 150	23	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*93*		*38 - 148*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-182341/1-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Dieldrin	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endrin	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
4,4'-DDT	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
4,4'-DDE	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
4,4'-DDD	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Toxaphene	ND		39		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
Chlordane (technical)	ND		39		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 11:46	05/27/15 04:23	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-182341/1-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182341

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		57 - 122	05/26/15 11:46	05/27/15 04:23	1
DCB Decachlorobiphenyl	114		21 - 136	05/26/15 11:46	05/27/15 04:23	1

Lab Sample ID: LCS 720-182341/2-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.6	15.1		ug/Kg		91	65 - 120
Dieldrin	16.6	17.6		ug/Kg		106	72 - 120
Endrin aldehyde	16.6	18.1		ug/Kg		109	68 - 120
Endrin	16.6	18.3		ug/Kg		110	68 - 120
Endrin ketone	16.6	17.3		ug/Kg		104	67 - 120
Heptachlor	16.6	15.1		ug/Kg		91	69 - 120
Heptachlor epoxide	16.6	16.8		ug/Kg		101	68 - 120
4,4'-DDT	16.6	16.5		ug/Kg		99	63 - 127
4,4'-DDE	16.6	18.3		ug/Kg		110	70 - 120
4,4'-DDD	16.6	18.6		ug/Kg		112	69 - 120
Endosulfan I	16.6	16.8		ug/Kg		101	62 - 120
Endosulfan II	16.6	17.0		ug/Kg		103	65 - 120
alpha-BHC	16.6	16.3		ug/Kg		98	62 - 120
beta-BHC	16.6	18.3		ug/Kg		111	74 - 124
gamma-BHC (Lindane)	16.6	15.0		ug/Kg		91	72 - 120
delta-BHC	16.6	16.2		ug/Kg		97	43 - 125
Endosulfan sulfate	16.6	17.1		ug/Kg		103	67 - 120
Methoxychlor	16.6	19.5		ug/Kg		118	71 - 132
alpha-Chlordane	16.6	16.9		ug/Kg		102	70 - 120
gamma-Chlordane	16.6	17.7		ug/Kg		107	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	98		57 - 122
DCB Decachlorobiphenyl	114		21 - 136

Lab Sample ID: 720-64814-A-33-A MS
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 182341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		16.6	18.5		ug/Kg		111	53 - 120
Dieldrin	ND		16.6	19.4		ug/Kg		117	46 - 130
Endrin aldehyde	ND		16.6	19.9		ug/Kg		120	40 - 120
Endrin	ND		16.6	21.5		ug/Kg		129	32 - 143
Endrin ketone	ND	F1	16.6	18.6		ug/Kg		112	40 - 120
Heptachlor	ND		16.6	16.8		ug/Kg		101	52 - 120
Heptachlor epoxide	ND		16.6	20.2		ug/Kg		116	40 - 120
4,4'-DDT	ND		16.6	18.5		ug/Kg		107	17 - 144
4,4'-DDE	ND	F1	16.6	21.1	F1	ug/Kg		127	40 - 120
4,4'-DDD	ND	F1	16.6	22.6	F1	ug/Kg		136	40 - 120

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-64814-A-33-A MS
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 182341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan I	ND	F1	16.6	20.1	F1	ug/Kg		121	40 - 120
Endosulfan II	ND	F1	16.6	19.3		ug/Kg		116	40 - 120
alpha-BHC	ND		16.6	17.6		ug/Kg		106	40 - 120
beta-BHC	ND	F1	16.6	20.1	F1	ug/Kg		121	40 - 120
gamma-BHC (Lindane)	ND		16.6	16.3		ug/Kg		98	58 - 120
delta-BHC	ND		16.6	17.9		ug/Kg		107	40 - 120
Endosulfan sulfate	ND		16.6	18.6		ug/Kg		112	40 - 120
Methoxychlor	ND	F1	16.6	21.7	F1	ug/Kg		130	40 - 120
alpha-Chlordane	12	p F1	16.6	34.7	F1	ug/Kg		134	40 - 120
gamma-Chlordane	8.4		16.6	26.0		ug/Kg		106	40 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*57 - 122*
DCB Decachlorobiphenyl	*114*		*21 - 136*

Lab Sample ID: 720-64814-A-33-B MSD
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 182341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	ND		16.4	17.6		ug/Kg		107	53 - 120	5	20
Dieldrin	ND		16.4	18.4		ug/Kg		112	46 - 130	5	20
Endrin aldehyde	ND		16.4	18.7		ug/Kg		114	40 - 120	6	20
Endrin	ND		16.4	20.3		ug/Kg		123	32 - 143	6	20
Endrin ketone	ND	F1	16.4	17.9		ug/Kg		109	40 - 120	4	20
Heptachlor	ND		16.4	16.1		ug/Kg		98	52 - 120	4	20
Heptachlor epoxide	ND		16.4	18.3		ug/Kg		106	40 - 120	10	20
4,4'-DDT	ND		16.4	17.4		ug/Kg		101	17 - 144	6	20
4,4'-DDE	ND	F1	16.4	20.0	F1	ug/Kg		121	40 - 120	6	20
4,4'-DDD	ND	F1	16.4	21.5	F1	ug/Kg		131	40 - 120	5	20
Endosulfan I	ND	F1	16.4	18.3		ug/Kg		111	40 - 120	9	20
Endosulfan II	ND	F1	16.4	18.4		ug/Kg		112	40 - 120	5	30
alpha-BHC	ND		16.4	17.0		ug/Kg		104	40 - 120	3	20
beta-BHC	ND	F1	16.4	18.9		ug/Kg		115	40 - 120	6	20
gamma-BHC (Lindane)	ND		16.4	15.6		ug/Kg		95	58 - 120	4	20
delta-BHC	ND		16.4	17.3		ug/Kg		105	40 - 120	3	20
Endosulfan sulfate	ND		16.4	17.6		ug/Kg		107	40 - 120	5	20
Methoxychlor	ND	F1	16.4	18.2		ug/Kg		111	40 - 120	13	20
alpha-Chlordane	12	p F1	16.4	35.0	F1	ug/Kg		138	40 - 120	1	20
gamma-Chlordane	8.4		16.4	26.1		ug/Kg		108	40 - 120	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*99*		*57 - 122*
DCB Decachlorobiphenyl	*109*		*21 - 136*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-182387/1-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Dieldrin	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endrin aldehyde	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endrin	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endrin ketone	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Heptachlor	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
4,4'-DDT	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
4,4'-DDE	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
4,4'-DDD	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endosulfan I	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endosulfan II	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
alpha-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
beta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
delta-BHC	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Methoxychlor	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Toxaphene	ND		40		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
Chlordane (technical)	ND		40		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
alpha-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1
gamma-Chlordane	ND		2.0		ug/Kg		05/26/15 19:45	05/27/15 05:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*57 - 122*	*05/26/15 19:45*	*05/27/15 05:33*	*1*
DCB Decachlorobiphenyl	*112*		*21 - 136*	*05/26/15 19:45*	*05/27/15 05:33*	*1*

Lab Sample ID: LCS 720-182387/2-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.4	15.2		ug/Kg		93	65 - 120
Dieldrin	16.4	17.4		ug/Kg		106	72 - 120
Endrin aldehyde	16.4	17.9		ug/Kg		109	68 - 120
Endrin	16.4	18.0		ug/Kg		110	68 - 120
Endrin ketone	16.4	17.2		ug/Kg		105	67 - 120
Heptachlor	16.4	14.9		ug/Kg		91	69 - 120
Heptachlor epoxide	16.4	16.6		ug/Kg		101	68 - 120
4,4'-DDT	16.4	16.5		ug/Kg		101	63 - 127
4,4'-DDE	16.4	18.2		ug/Kg		111	70 - 120
4,4'-DDD	16.4	18.6		ug/Kg		114	69 - 120
Endosulfan I	16.4	16.9		ug/Kg		103	62 - 120
Endosulfan II	16.4	16.9		ug/Kg		103	65 - 120
alpha-BHC	16.4	16.2		ug/Kg		99	62 - 120
beta-BHC	16.4	17.8		ug/Kg		109	74 - 124
gamma-BHC (Lindane)	16.4	14.7		ug/Kg		90	72 - 120
delta-BHC	16.4	15.9		ug/Kg		97	43 - 125

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-182387/2-A
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	16.4	17.0		ug/Kg		104	67 - 120
Methoxychlor	16.4	19.8		ug/Kg		121	71 - 132
alpha-Chlordane	16.4	16.6		ug/Kg		102	70 - 120
gamma-Chlordane	16.4	17.4		ug/Kg		106	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*57 - 122*
DCB Decachlorobiphenyl	*117*		*21 - 136*

Lab Sample ID: 720-65029-A-1-A MS
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 182387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		16.5	18.4		ug/Kg		111	53 - 120
Dieldrin	ND		16.5	18.5		ug/Kg		112	46 - 130
Endrin aldehyde	ND		16.5	18.0		ug/Kg		109	40 - 120
Endrin	ND		16.5	19.7		ug/Kg		119	32 - 143
Endrin ketone	ND	F1	16.5	16.0		ug/Kg		97	40 - 120
Heptachlor	ND		16.5	16.9		ug/Kg		102	52 - 120
Heptachlor epoxide	ND		16.5	18.4		ug/Kg		111	40 - 120
4,4'-DDT	ND		16.5	16.1		ug/Kg		93	17 - 144
4,4'-DDE	ND	F1	16.5	19.2		ug/Kg		117	40 - 120
4,4'-DDD	ND	F1	16.5	21.3	F1	ug/Kg		129	40 - 120
Endosulfan I	ND		16.5	18.2		ug/Kg		110	40 - 120
Endosulfan II	ND		16.5	17.7		ug/Kg		107	40 - 120
alpha-BHC	ND		16.5	18.2		ug/Kg		110	40 - 120
beta-BHC	ND	F1	16.5	19.4		ug/Kg		118	40 - 120
gamma-BHC (Lindane)	ND		16.5	16.5		ug/Kg		100	58 - 120
delta-BHC	ND		16.5	17.7		ug/Kg		107	40 - 120
Endosulfan sulfate	ND		16.5	17.5		ug/Kg		106	40 - 120
Methoxychlor	ND		16.5	16.5		ug/Kg		100	40 - 120
alpha-Chlordane	ND	F1	16.5	19.4		ug/Kg		117	40 - 120
gamma-Chlordane	ND	F1	16.5	19.3		ug/Kg		117	40 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*106*		*57 - 122*
DCB Decachlorobiphenyl	*103*		*21 - 136*

Lab Sample ID: 720-65029-A-1-B MSD
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 182387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	ND		16.4	18.6		ug/Kg		113	53 - 120	1	20
Dieldrin	ND		16.4	19.0		ug/Kg		116	46 - 130	3	20
Endrin aldehyde	ND		16.4	18.4		ug/Kg		113	40 - 120	2	20
Endrin	ND		16.4	20.1		ug/Kg		123	32 - 143	2	20

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-65029-A-1-B MSD
Matrix: Solid
Analysis Batch: 182405

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 182387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin ketone	ND	F1	16.4	16.3		ug/Kg		99	40 - 120	1	20
Heptachlor	ND		16.4	17.0		ug/Kg		104	52 - 120	0	20
Heptachlor epoxide	ND		16.4	19.3		ug/Kg		118	40 - 120	5	20
4,4'-DDT	ND		16.4	16.0		ug/Kg		93	17 - 144	1	20
4,4'-DDE	ND	F1	16.4	19.8	F1	ug/Kg		121	40 - 120	3	20
4,4'-DDD	ND	F1	16.4	21.4	F1	ug/Kg		131	40 - 120	0	20
Endosulfan I	ND		16.4	18.7		ug/Kg		114	40 - 120	3	20
Endosulfan II	ND		16.4	17.7		ug/Kg		108	40 - 120	2	30
alpha-BHC	ND		16.4	17.8		ug/Kg		109	40 - 120	2	20
beta-BHC	ND	F1	16.4	19.9	F1	ug/Kg		121	40 - 120	2	20
gamma-BHC (Lindane)	ND		16.4	16.5		ug/Kg		100	58 - 120	0	20
delta-BHC	ND		16.4	18.1		ug/Kg		111	40 - 120	2	20
Endosulfan sulfate	ND		16.4	17.5		ug/Kg		107	40 - 120	4	20
Methoxychlor	ND		16.4	16.5		ug/Kg		101	40 - 120	0	20
alpha-Chlordane	ND	F1	16.4	19.9	F1	ug/Kg		121	40 - 120	2	20
gamma-Chlordane	ND	F1	16.4	19.4		ug/Kg		118	40 - 120	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*103*		*57 - 122*
DCB Decachlorobiphenyl	*105*		*21 - 136*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-182453/1-A
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Arsenic	ND		1.0		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Barium	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Beryllium	ND		0.10		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Cadmium	ND		0.13		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Chromium	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Cobalt	ND		0.20		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Copper	ND		1.5		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Lead	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Molybdenum	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Nickel	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Selenium	ND		1.0		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Silver	ND		0.25		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Thallium	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Vanadium	ND		0.50		mg/Kg		05/27/15 14:23	05/28/15 11:15	1
Zinc	ND		1.5		mg/Kg		05/27/15 14:23	05/28/15 11:15	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-182453/2-A
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	46.7		mg/Kg		93	80 - 120
Arsenic	50.0	47.5		mg/Kg		95	80 - 120
Barium	50.0	50.6		mg/Kg		101	80 - 120
Beryllium	50.0	50.6		mg/Kg		101	80 - 120
Cadmium	50.0	49.0		mg/Kg		98	80 - 120
Chromium	50.0	50.2		mg/Kg		100	80 - 120
Cobalt	50.0	50.7		mg/Kg		101	80 - 120
Copper	50.0	48.9		mg/Kg		98	80 - 120
Lead	50.0	49.7		mg/Kg		99	80 - 120
Molybdenum	50.0	49.7		mg/Kg		99	80 - 120
Nickel	50.0	49.6		mg/Kg		99	80 - 120
Selenium	50.0	47.2		mg/Kg		94	80 - 120
Silver	25.0	24.6		mg/Kg		98	80 - 120
Thallium	50.0	49.1		mg/Kg		98	80 - 120
Vanadium	50.0	48.5		mg/Kg		97	80 - 120
Zinc	50.0	49.2		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 720-182453/3-A
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	47.2		mg/Kg		94	80 - 120	1	20
Arsenic	50.0	48.1		mg/Kg		96	80 - 120	1	20
Barium	50.0	50.1		mg/Kg		100	80 - 120	1	20
Beryllium	50.0	50.8		mg/Kg		102	80 - 120	0	20
Cadmium	50.0	49.1		mg/Kg		98	80 - 120	0	20
Chromium	50.0	50.1		mg/Kg		100	80 - 120	0	20
Cobalt	50.0	50.1		mg/Kg		100	80 - 120	1	20
Copper	50.0	49.2		mg/Kg		98	80 - 120	1	20
Lead	50.0	50.3		mg/Kg		101	80 - 120	1	20
Molybdenum	50.0	50.4		mg/Kg		101	80 - 120	1	20
Nickel	50.0	49.9		mg/Kg		100	80 - 120	1	20
Selenium	50.0	47.8		mg/Kg		96	80 - 120	1	20
Silver	25.0	24.3		mg/Kg		97	80 - 120	1	20
Thallium	50.0	49.6		mg/Kg		99	80 - 120	1	20
Vanadium	50.0	48.9		mg/Kg		98	80 - 120	1	20
Zinc	50.0	49.1		mg/Kg		98	80 - 120	0	20

Lab Sample ID: LCSSRM 720-182453/24-A
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	52.9		mg/Kg		71	11 - 101
Arsenic	45.5	43.6		mg/Kg		96	69 - 119
Barium	579	603		mg/Kg		104	61 - 117
Beryllium	155	151		mg/Kg		97	56 - 102

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-182453/24-A
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	201	188		mg/Kg		94	67 - 118
Chromium	106	102		mg/Kg		96	67 - 121
Cobalt	247	240		mg/Kg		97	64 - 133
Copper	130	125		mg/Kg		96	68 - 126
Lead	302	279		mg/Kg		92	62 - 113
Molybdenum	165	155		mg/Kg		94	62 - 128
Nickel	305	287		mg/Kg		94	65 - 117
Selenium	133	127		mg/Kg		96	63 - 126
Silver	33.5	32.5		mg/Kg		97	51 - 130
Thallium	191	175		mg/Kg		92	64 - 124
Vanadium	214	204		mg/Kg		96	67 - 123
Zinc	388	358		mg/Kg		92	62 - 110

Lab Sample ID: 720-64926-1 MS
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: S-1 (0.5'-1')
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	39.1	13.5	F1	mg/Kg		31	75 - 125
Arsenic	ND		39.1	38.4		mg/Kg		92	75 - 125
Barium	130		39.1	163		mg/Kg		78	75 - 125
Beryllium	ND		39.1	38.4		mg/Kg		98	75 - 125
Cadmium	ND		39.1	36.5		mg/Kg		93	75 - 125
Chromium	530		39.1	604	4	mg/Kg		199	75 - 125
Cobalt	55		39.1	90.9		mg/Kg		92	75 - 125
Copper	27		39.1	65.9		mg/Kg		100	75 - 125
Lead	5.4		39.1	41.2		mg/Kg		92	75 - 125
Molybdenum	ND		39.1	35.8		mg/Kg		92	75 - 125
Nickel	970		39.1	1090	4	mg/Kg		299	75 - 125
Selenium	ND		39.1	35.9		mg/Kg		92	75 - 125
Silver	ND		19.5	19.1		mg/Kg		98	75 - 125
Thallium	ND		39.1	34.2		mg/Kg		88	75 - 125
Vanadium	45		39.1	83.5		mg/Kg		98	75 - 125
Zinc	51		39.1	91.1		mg/Kg		102	75 - 125

Lab Sample ID: 720-64926-1 MSD
Matrix: Solid
Analysis Batch: 182569

Client Sample ID: S-1 (0.5'-1')
Prep Type: Total/NA
Prep Batch: 182453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	41.3	13.7	F1	mg/Kg		30	75 - 125	2	20
Arsenic	ND		41.3	41.3		mg/Kg		94	75 - 125	7	20
Barium	130		41.3	182		mg/Kg		120	75 - 125	11	20
Beryllium	ND		41.3	41.4		mg/Kg		100	75 - 125	8	20
Cadmium	ND		41.3	39.3		mg/Kg		95	75 - 125	7	20
Chromium	530		41.3	624	4	mg/Kg		237	75 - 125	3	20
Cobalt	55		41.3	94.3		mg/Kg		95	75 - 125	4	20
Copper	27		41.3	68.3		mg/Kg		100	75 - 125	4	20
Lead	5.4		41.3	44.4		mg/Kg		94	75 - 125	7	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-64926-1 MSD — **Client Sample ID: S-1 (0.5'-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182569 — **Prep Batch: 182453**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum	ND		41.3	37.8		mg/Kg		92	75 - 125	6	20
Nickel	970		41.3	1080	4	mg/Kg		260	75 - 125	1	20
Selenium	ND		41.3	38.1		mg/Kg		92	75 - 125	6	20
Silver	ND		20.7	20.7		mg/Kg		100	75 - 125	8	20
Thallium	ND		41.3	37.2		mg/Kg		90	75 - 125	8	20
Vanadium	45		41.3	86.0		mg/Kg		99	75 - 125	3	20
Zinc	51		41.3	94.6		mg/Kg		105	75 - 125	4	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-182458/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182587 — **Prep Batch: 182458**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		05/27/15 14:55	05/28/15 17:41	1

Lab Sample ID: LCS 720-182458/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182587 — **Prep Batch: 182458**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.793		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 720-182458/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182587 — **Prep Batch: 182458**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.790		mg/Kg		95	80 - 120	0	20

Lab Sample ID: 720-64926-1 MS — **Client Sample ID: S-1 (0.5'-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182587 — **Prep Batch: 182458**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.12		0.820	1.00		mg/Kg		108	75 - 125

Lab Sample ID: 720-64926-1 MSD — **Client Sample ID: S-1 (0.5'-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 182587 — **Prep Batch: 182458**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.12		0.794	0.905		mg/Kg		99	75 - 125	10	20

GC/MS VOA

Analysis Batch: 182071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	8260B/CA_LUFT MS	182114
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	8260B/CA_LUFT MS	182114
LCS 720-182071/11	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-182071/9	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-182071/10	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-182071/12	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-182071/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Prep Batch: 182114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	5035	
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 182402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	3546	
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	3546	
720-64963-A-3-G MS	Matrix Spike	Total/NA	Solid	3546	
720-64963-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 720-182402/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-182402/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 182429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	8270C SIM	182402
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	8270C SIM	182402
720-64963-A-3-G MS	Matrix Spike	Total/NA	Solid	8270C SIM	182402
720-64963-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C SIM	182402
LCS 720-182402/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	182402
MB 720-182402/1-A	Method Blank	Total/NA	Solid	8270C SIM	182402

GC Semi VOA

Analysis Batch: 182331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	8015B	182334
720-64926-17 MS	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	8015B	182334
720-64926-17 MSD	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	8015B	182334

Analysis Batch: 182332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-182334/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	182334
MB 720-182334/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	182334

GC Semi VOA (Continued)

Prep Batch: 182334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-17	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	3546	
720-64926-17 MS	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	3546	
720-64926-17 MSD	S-17 (1.5'-2.0')	Silica Gel Cleanup	Solid	3546	
720-64926-18	S-18 (0-0.5')	Silica Gel Cleanup	Solid	3546	
LCS 720-182334/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
MB 720-182334/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Prep Batch: 182341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64814-A-33-A MS	Matrix Spike	Total/NA	Solid	3546	
720-64814-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	3546	
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	3546	
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	3546	
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	3546	
LCS 720-182341/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-182341/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 182387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	3546	
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	3546	
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	3546	
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	3546	
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	3546	
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	3546	
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	3546	
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	3546	
720-65029-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
720-65029-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 720-182387/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-182387/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 182405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64814-A-33-A MS	Matrix Spike	Total/NA	Solid	8081A	182341
720-64814-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	182341
720-65029-A-1-A MS	Matrix Spike	Total/NA	Solid	8081A	182387
720-65029-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	182387
LCS 720-182341/2-A	Lab Control Sample	Total/NA	Solid	8081A	182341
LCS 720-182387/2-A	Lab Control Sample	Total/NA	Solid	8081A	182387
MB 720-182341/1-A	Method Blank	Total/NA	Solid	8081A	182341
MB 720-182387/1-A	Method Blank	Total/NA	Solid	8081A	182387

Analysis Batch: 182415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-18	S-18 (0-0.5')	Silica Gel Cleanup	Solid	8015B	182334

Analysis Batch: 182507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	8081A	182341

GC Semi VOA (Continued)

Analysis Batch: 182507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	8081A	182341
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	8081A	182341
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	8081A	182387
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	8081A	182387
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	8081A	182387
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	8081A	182387
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	8081A	182387

Analysis Batch: 182508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	8081A	182341
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	8081A	182387
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	8081A	182387
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	8081A	182387

Metals

Prep Batch: 182453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-1	S-1 (0.5'-1')	Total/NA	Solid	3050B	
720-64926-1 MS	S-1 (0.5'-1')	Total/NA	Solid	3050B	
720-64926-1 MSD	S-1 (0.5'-1')	Total/NA	Solid	3050B	
720-64926-2	S-2 (1.5'-2')	Total/NA	Solid	3050B	
720-64926-3	S-3 (1'-1.5')	Total/NA	Solid	3050B	
720-64926-4	S-4 (0.5-1')	Total/NA	Solid	3050B	
720-64926-5	S-5 (1-1.5')	Total/NA	Solid	3050B	
720-64926-6	S-6 (0-0.5')	Total/NA	Solid	3050B	
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	3050B	
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	3050B	
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	3050B	
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	3050B	
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	3050B	
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	3050B	
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	3050B	
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	3050B	
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	3050B	
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	3050B	
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	3050B	
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	3050B	
LCS 720-182453/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-182453/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-182453/24-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-182453/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 182458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-1	S-1 (0.5'-1')	Total/NA	Solid	7471A	
720-64926-1 MS	S-1 (0.5'-1')	Total/NA	Solid	7471A	
720-64926-1 MSD	S-1 (0.5'-1')	Total/NA	Solid	7471A	
720-64926-2	S-2 (1.5'-2')	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 182458 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-3	S-3 (1'-1.5')	Total/NA	Solid	7471A	
720-64926-4	S-4 (0.5-1')	Total/NA	Solid	7471A	
720-64926-5	S-5 (1-1.5')	Total/NA	Solid	7471A	
720-64926-6	S-6 (0-0.5')	Total/NA	Solid	7471A	
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	7471A	
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	7471A	
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	7471A	
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	7471A	
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	7471A	
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	7471A	
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	7471A	
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	7471A	
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	7471A	
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	7471A	
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	7471A	
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	7471A	
LCS 720-182458/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-182458/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-182458/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 182569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-1	S-1 (0.5'-1')	Total/NA	Solid	6010B	182453
720-64926-1 MS	S-1 (0.5'-1')	Total/NA	Solid	6010B	182453
720-64926-1 MSD	S-1 (0.5'-1')	Total/NA	Solid	6010B	182453
720-64926-2	S-2 (1.5'-2')	Total/NA	Solid	6010B	182453
720-64926-3	S-3 (1'-1.5')	Total/NA	Solid	6010B	182453
720-64926-4	S-4 (0.5-1')	Total/NA	Solid	6010B	182453
720-64926-5	S-5 (1-1.5')	Total/NA	Solid	6010B	182453
720-64926-6	S-6 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	6010B	182453
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	6010B	182453
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	6010B	182453
LCS 720-182453/2-A	Lab Control Sample	Total/NA	Solid	6010B	182453
LCSD 720-182453/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	182453
LCSSRM 720-182453/24-A	Lab Control Sample	Total/NA	Solid	6010B	182453
MB 720-182453/1-A	Method Blank	Total/NA	Solid	6010B	182453

Analysis Batch: 182587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-1	S-1 (0.5'-1')	Total/NA	Solid	7471A	182458
720-64926-1 MS	S-1 (0.5'-1')	Total/NA	Solid	7471A	182458

Metals (Continued)

Analysis Batch: 182587 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-64926-1 MSD	S-1 (0.5'-1')	Total/NA	Solid	7471A	182458
720-64926-2	S-2 (1.5'-2')	Total/NA	Solid	7471A	182458
720-64926-3	S-3 (1'-1.5')	Total/NA	Solid	7471A	182458
720-64926-4	S-4 (0.5-1')	Total/NA	Solid	7471A	182458
720-64926-5	S-5 (1-1.5')	Total/NA	Solid	7471A	182458
720-64926-6	S-6 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-7	S-7 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-8	S-8 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-9	S-9 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-10	S-10 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-11	S-11 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-12	S-12 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-13	S-13 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-14	S-14 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-15	S-15 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-16	S-16 (0-0.5')	Total/NA	Solid	7471A	182458
720-64926-17	S-17 (1.5'-2.0')	Total/NA	Solid	7471A	182458
720-64926-18	S-18 (0-0.5')	Total/NA	Solid	7471A	182458
LCS 720-182458/2-A	Lab Control Sample	Total/NA	Solid	7471A	182458
LCSD 720-182458/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	182458
MB 720-182458/1-A	Method Blank	Total/NA	Solid	7471A	182458

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-1 (0.5'-1')
Lab Sample ID: 720-64926-1
Date Collected: 05/19/15 10:45
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 11:49	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:31	EFH	TAL PLS

Client Sample ID: S-2 (1.5'-2')
Lab Sample ID: 720-64926-2
Date Collected: 05/19/15 12:40
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 11:54	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:33	EFH	TAL PLS

Client Sample ID: S-3 (1'-1.5')
Lab Sample ID: 720-64926-3
Date Collected: 05/19/15 12:50
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 11:59	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:36	EFH	TAL PLS

Client Sample ID: S-4 (0.5-1')
Lab Sample ID: 720-64926-4
Date Collected: 05/19/15 15:05
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:14	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:38	EFH	TAL PLS

Client Sample ID: S-5 (1-1.5')
Lab Sample ID: 720-64926-5
Date Collected: 05/19/15 15:30
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:20	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 720-64926-5

Date Collected: 05/19/15 15:30

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471A		1	182587	05/28/15 16:40	EFH	TAL PLS

Client Sample ID: S-6 (0-0.5')

Lab Sample ID: 720-64926-6

Date Collected: 05/19/15 15:50

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:25	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:47	EFH	TAL PLS

Client Sample ID: S-7 (0-0.5')

Lab Sample ID: 720-64926-7

Date Collected: 05/19/15 13:10

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182341	05/26/15 11:46	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182508	05/28/15 15:11	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:30	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:50	EFH	TAL PLS

Client Sample ID: S-8 (0-0.5')

Lab Sample ID: 720-64926-8

Date Collected: 05/19/15 11:34

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182341	05/26/15 11:46	JRD	TAL PLS
Total/NA	Analysis	8081A		5	182507	05/28/15 14:35	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:35	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:52	EFH	TAL PLS

Client Sample ID: S-9 (0-0.5')

Lab Sample ID: 720-64926-9

Date Collected: 05/19/15 13:00

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182341	05/26/15 11:46	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 14:52	JZT	TAL PLS

Client Sample ID: S-9 (0-0.5')

Lab Sample ID: 720-64926-9

Date Collected: 05/19/15 13:00

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:40	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:55	EFH	TAL PLS

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 720-64926-10

Date Collected: 05/19/15 13:45

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182341	05/26/15 11:46	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 15:09	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:45	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 16:57	EFH	TAL PLS

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 720-64926-11

Date Collected: 05/19/15 11:34

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 09:50	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:50	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:00	EFH	TAL PLS

Client Sample ID: S-12 (0-0.5')

Lab Sample ID: 720-64926-12

Date Collected: 05/19/15 14:06

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 10:06	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 12:55	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:03	EFH	TAL PLS

Client Sample ID: S-13 (0-0.5')

Lab Sample ID: 720-64926-13

Date Collected: 05/19/15 13:55

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		5	182508	05/28/15 13:07	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:00	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:06	EFH	TAL PLS

Client Sample ID: S-14 (0-0.5')

Lab Sample ID: 720-64926-14

Date Collected: 05/19/15 14:15

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		5	182508	05/28/15 13:24	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:15	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:08	EFH	TAL PLS

Client Sample ID: S-15 (0-0.5')

Lab Sample ID: 720-64926-15

Date Collected: 05/19/15 14:21

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 10:57	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:20	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:11	EFH	TAL PLS

Client Sample ID: S-16 (0-0.5')

Lab Sample ID: 720-64926-16

Date Collected: 05/19/15 14:29

Matrix: Solid

Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182508	05/28/15 12:49	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:24	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:18	EFH	TAL PLS

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Client Sample ID: S-17 (1.5'-2.0')

Lab Sample ID: 720-64926-17

Date Collected: 05/19/15 10:17
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			182114	05/20/15 14:40	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	182071	05/20/15 14:59	PRD	TAL PLS
Total/NA	Prep	3546			182402	05/26/15 23:14	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	182429	05/27/15 15:37	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			182334	05/26/15 11:10	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	182331	05/26/15 21:13	JXL	TAL PLS
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 11:30	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:30	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:21	EFH	TAL PLS

Client Sample ID: S-18 (0-0.5')

Lab Sample ID: 720-64926-18

Date Collected: 05/19/15 11:15
Matrix: Solid
Date Received: 05/20/15 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			182114	05/20/15 14:40	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	182071	05/20/15 15:27	PRD	TAL PLS
Total/NA	Prep	3546			182402	05/26/15 23:14	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		2	182429	05/27/15 18:47	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			182334	05/26/15 11:10	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	182415	05/27/15 23:51	JXL	TAL PLS
Total/NA	Prep	3546			182387	05/26/15 19:45	JRD	TAL PLS
Total/NA	Analysis	8081A		1	182507	05/28/15 11:47	JZT	TAL PLS
Total/NA	Prep	3050B			182453	05/27/15 14:23	ECT	TAL PLS
Total/NA	Analysis	6010B		4	182569	05/28/15 13:35	CAM	TAL PLS
Total/NA	Prep	7471A			182458	05/27/15 14:55	JRM	TAL PLS
Total/NA	Analysis	7471A		1	182587	05/28/15 17:24	EFH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Phase II Soil Sampling Dovehill

TestAmerica Job ID: 720-64926-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-64926-1	S-1 (0.5'-1')	Solid	05/19/15 10:45	05/20/15 10:20
720-64926-2	S-2 (1.5'-2')	Solid	05/19/15 12:40	05/20/15 10:20
720-64926-3	S-3 (1'-1.5')	Solid	05/19/15 12:50	05/20/15 10:20
720-64926-4	S-4 (0.5-1')	Solid	05/19/15 15:05	05/20/15 10:20
720-64926-5	S-5 (1-1.5')	Solid	05/19/15 15:30	05/20/15 10:20
720-64926-6	S-6 (0-0.5')	Solid	05/19/15 15:50	05/20/15 10:20
720-64926-7	S-7 (0-0.5')	Solid	05/19/15 13:10	05/20/15 10:20
720-64926-8	S-8 (0-0.5')	Solid	05/19/15 11:34	05/20/15 10:20
720-64926-9	S-9 (0-0.5')	Solid	05/19/15 13:00	05/20/15 10:20
720-64926-10	S-10 (0-0.5')	Solid	05/19/15 13:45	05/20/15 10:20
720-64926-11	S-11 (0-0.5')	Solid	05/19/15 11:34	05/20/15 10:20
720-64926-12	S-12 (0-0.5')	Solid	05/19/15 14:06	05/20/15 10:20
720-64926-13	S-13 (0-0.5')	Solid	05/19/15 13:55	05/20/15 10:20
720-64926-14	S-14 (0-0.5')	Solid	05/19/15 14:15	05/20/15 10:20
720-64926-15	S-15 (0-0.5')	Solid	05/19/15 14:21	05/20/15 10:20
720-64926-16	S-16 (0-0.5')	Solid	05/19/15 14:29	05/20/15 10:20
720-64926-17	S-17 (1.5'-2.0')	Solid	05/19/15 10:17	05/20/15 10:20
720-64926-18	S-18 (0-0.5')	Solid	05/19/15 11:15	05/20/15 10:20

CORNERSTONE EARTH GROUP 720-64926 Chain of Custody Record

ref# 161271

5/28/2015

	Project Manager: Kurt Soenen	Site Sampler: Nicholas Brettner	Date: 5/19/2015	COC No:
Cornerstone Earth Group, Inc.	Tel/Fax: 408-245-4600 ext. 101	Lab Contact: Afsaneh Salimpour	Lab: Test America	1 of 2 COCs
1259 Oakmead Pkwy	Analysis Turnaround Time			Laboratory's Job No.
Sunnyvale, California 94085				
(408) 245-4600 Phone	TAT if different from Below _____			
(408) 245-4620 FAX	■ 1 week			
Project Name: Phase II Soil Sampling Dovehill	☐ 3 days			
Site: 4200 Dove Hill Road, San Jose, California	☐ 2 days			
Project Number: ~~118-66-2 NG~~ 118-66-2	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	OCPs (EPA 8081A)	CAM-17 (EPA 6010B/7471)	As, Pb, Hg (EPA 6010B/7471)	VOCs and THPg (EPA 8260B)	TPH d/o (EPA 8015M) w/ silica gel	PAHs (EPA 8270SIM)	Hold	Laboratory's Sample Specific Notes:
S-1 (0.5'-1')	5/19/2015	10:45	liner	soil	1			X						
S-2 (1.5'-2')	5/19/2015	12:40	liner	soil	1			X						
S-3 (1'-1.5')	5/19/2015	12:50	liner	soil	1			X						
S-4 (0.5-1')	5/19/2015	15:05	liner	soil	1			X						
S-5 (1-1.5')	5/19/2015	15:30	liner	soil	1			X						
S-6 (0-0.5')	5/19/2015	15:50	liner	soil	1			X						
S-7 (0-0.5')	5/19/2015	1:10	liner	soil	1		X		X					
S-8 (0-0.5')	5/19/2015	11:34	liner	soil	1		X		X					
S-9 (0-0.5')	5/19/2015	13:00	liner	soil	1		X		X					
S-10 (0-0.5')	5/19/2015	13:45	liner	soil	1		X		X					
S-11 (0-0.5')	5/19/2015	13:34	liner	soil	1		X		X					
S-12 (0-0.5')	5/19/2015	14:06	liner	soil	1		X		X					

720-64926 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Cornerstone Earth Group	5/20/15 7:00am		TA	5-20-15 9:30 ~~10:20~~
Relinquished by:	Company: TA	Date/Time: 5-20-15 1020	Received by:	Company:	Date/Time: 5-20-15 1020
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2.8°C

CORNERSTONE EARTH GROUP 720-64926 Chain of Custody Record

5/28/2015

	Project Manager: Kurt Soenen	Site Sampler: Nicholas Brettner	Date: 5/19/2015
Cornerstone Earth Group, Inc.	Tel/Fax: 408-245-4600 ext. 101	Lab Contact: Afsaneh Salimpour	Lab: Test America
1259 Oakmead Pkwy	Analysis Turnaround Time		
Sunnyvale, California 94085			
(408) 245-4600 Phone	TAT if different from Below _____		
(408) 245-4620 FAX	■ 1 week		
Project Name: Phase II Soil Sampling Dovehill	☐ 3 days		
Site: 4200 Dove Hill Road, San Jose, California	☐ 2 days		
Project Number: ~~118-66-2~~ NB 118-66-2	☐ 1 day		

COC No: 2 of 2 COCs

Laboratory's Job No.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	OCPs (EPA 8081A)	CAM-17 (EPA 6010B/7471)	As, Pb, Hg (EPA 6010B/7471)	VOCs and THPg (EPA 8260B)	TPH d/o (EPA 8015M) w/ silica gel	PAHs (EPA 8270SIM)	Hold	Laboratory's Sample Specific Notes:
S-13 (0-0.5')	5/19/2015	13:55	liner	soil	1		X		X					
S-14 (0-0.5')	5/20/2015	14:15	liner	soil	1		X		X					
S-15 (0-0.5')	5/21/2015	14:21	liner	soil	1		X		X					
S-16 (0-0.5')	5/22/2015	14:29	liner	soil	1		X		X					
S-17 (1.5'-2.0')	5/23/2015	10:17	liner/CNO	soil	2		X	X		X	X	X		
S-18 (0-0.5')	5/24/2015	11:15	liner/CNO	soil	2		X	X		X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: If additional sample is needed, please use the liner.

Relinquished by:	Company: Cornerstone Earth Group	Date/Time: 5/20/15 7:00am	Received by:	Company: JA	Date/Time: 5-20-15 9:20
Relinquished by:	Company: JA	Date/Time: 5-20-15 10:20	Received by:	Company:	Date/Time: 5-20-15 1020
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

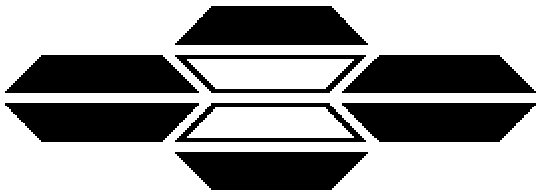
Client: Cornerstone Earth Group

Job Number: 720-64926-1

Login Number: 64926
List Number: 1
Creator: Gonzales, Justinn

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ASBESTOS TEM LABORATORIES, INC.

CARB Method 435
Polarized Light Microscopy
Analytical Report

Laboratory Job # 1206-00068

630 Bancroft Way
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429

ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866

NVLAP Lab Code: 101891-0
Berkeley, CA

Jun/04/2015

Nicholas Brettner
Cornerstone Earth Group, Inc.
1259 Oakmead Parkway
Sunnyvale, CA 94085

RE: LABORATORY JOB # 1206-00068
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: 118-66-2
Job No.: 4200 Dove Hill Road, San Jose CA 95121

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microsope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting techinique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

POLARIZED LIGHT MICROSCOPY
CARB 435 ANALYTICAL REPORT

Contact: Nicholas Brettner

Address: Cornerstone Earth Group, Inc.
1259 Oakmead Parkway
Sunnyvale, CA 94085

Samples Submitted: 6

Samples Analyzed: 6

Job Site / No. 4200 Dove Hill Road, San Jose CA 95121
118-66-2

Report No. **334079**
Date Submitted: May-22-15
Date Reported: Jun-05-15

SAMPLE ID	POINTS COUNTED	ASBESTOS %	ASBESTOS TYPE	LOCATION / DESCRIPTION
S-1(0.5'-1')		**<0.25%**	**Chrysotile**	Asbestos observed but no points counted.
Lab ID # 1206-00068-001	**400** - Total Points			
S-2(1.5'-2')	**1**	**0.25%**	**Chrysotile**	
Lab ID # 1206-00068-002	**400** - Total Points			
S-3(1'-1.5')		**<0.25%**	**Chrysotile**	Asbestos observed but no points counted.
Lab ID # 1206-00068-003	**400** - Total Points			
S-4(0.5'-1')	**3**	**0.75%**	**Chrysotile**	
Lab ID # 1206-00068-004	**400** - Total Points			
S-5(1'-1.5')		**<0.25%**	**Chrysotile**	Asbestos observed but no points counted.
Lab ID # 1206-00068-005	**400** - Total Points			
S-6(0'-0.5')		**<0.25%**	**Chrysotile**	Asbestos observed but no points counted.
Lab ID # 1206-00068-006	**400** - Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			

QC Reviewer Stephanie Dunn **Analyst** Jo Ann Hunter

ASBESTOS TEM LABORATORIES CHAIN OF CUSTODY – *www.asbestostemlabs.com*

CALIFORNIA: 630 Bancroft Way, Berkeley, CA 94710 Phone (510) 704-8930 Fax (510) 704-8429
NEVADA: 1350 Freeport Blvd. #104, Sparks, NV 89431 Phone (775) 359-3377 Fax (775) 359-2798

Please print and send completed CoC with your samples. If you wish to email CoC, send the form as an attachment to Berkeley <coc@asbestostemlabs.com > or Reno <sehrlich@asbestostemlabs.com>.

Company: Cornerstone Earth Group	*Contact:* Nicholas Brettner	*Phone/Fax:* 408.655.3526	*Email:* nbrettner@cornerstoneearth.com
Address: 1259 Oakmead Parkway	*City:* Sunnyvale	*State:* CA *Zip:* 94085	*Country:* United States
Job Site: 4200 Dove Hill Road, San Jose, CA 95121		*Job No:* 118-66-2	*P.O. No:*

Reporting *	☐ Fax	☐ Phone	■ Email	☐ Mail	☐ FTP	☐ EDD/State Form	☐ Verbal	☐ Pickup	**Billing**	☐ Fax	■ Email	☐ Mail	☐ Pre-Paid	☐ 3rd Party	
Results Due:*	☐ 2 hr	☐ 4 hr	☐ 6 hr	☐ 8 hr	☐ 24 hr	☐ 48 hr	☐ 3 day	☐ 4 day	☐ 5 day	■ 10 day	☐ Time due:____	* Contact lab to confirm TAT			
Asbestos Air	☐ PCM (NIOSH 7400A	☐ TEM AHERA	☐ TEM CARB Mod. AHERA	☐ TEM EPA Yamate Level	☐ TEM NIOSH 7402, Issue 2	☐ ISO 10312	☐ ISO 13794								
Asbestos Bulk	☐ PLM Standard (EPA 600/R-93-1	☐ PLM 400 PC	☐ PLM 1000 PC	☐ PLM 400 PC Grav. Red.	☐ PLM 1000 PC Grav. Red.	☐ TEM EPA Qualitative	☐ TEM EPA Quantitatve								
	☐ TEM Chatfield (Semi-Quant)	☐ PLM Vermiculite Attic Insulation	☐ **Custom Analysis:** Type:												
Asbestos Soils	☐ CARB 435 Prep Only	■ CARB 435 PLM 400 PC	☐ CARB 435 PLM 1000 PC	☐ EPA Soil Screening Qualitative	☐ TEM EPA/CARB Quantitative										
Asbestos Dust	☐ ASTM D-5755 Fiber Count	☐ ASTM D-5756 Wt. %	☐ ASTM D-5756 Mass	☐ ASTM D-6840-99 Dust Wipe	☐ Total Particulates (Grav.)										
Asbestos Water	☐ 100.2 Potable Drinking Water	☐ 100.1 Non Potable Water													
Lead	☐ Paint Chips	☐ Dust Wipe	☐ Air Cassette	☐ Soil	**Lead Waste Characterization:**	☐ TTLC	☐ STLC	☐ TCLP							
Sample Storage	*☐ No Test, Hold Sample Until: _____	*☐ Post Test, Hold Sample Until:_____													
Custom Order	☐ Reanalysis by:_____	☐ Sensitivity: _____	☐ Composite	☐ Other:											

Sample #	**Sample Type**	**Date Collected**	**Time On**	**Time Off**	**Total Time (min)**	**Flow Rate (lpm)**			**Volume or Area Sampled**	**8 Hour TWA Requested**	**Description**
						On	**Off**	**Average**			
S-1 (0.5'-1')	Soil (ziploc)	5/19/2015	10:45							☐	
S-2 (1.5'-2')	Soil (ziploc)	5/19/2015	12:40							☐	
S-3 (1'-1.5')	Soil (ziploc)	5/19/2015	12:50							☐	
S-4 (0.5-1')	Soil (ziploc)	5/19/2015	15:05							☐	
S-5 (1-1.5')	Soil (ziploc)	5/19/2015	15:30							☐	
S-6 (0-0.5')	Soil (ziploc)	5/19/2015	15:50							☐	
										☐	
										☐	
										☐	
										☐	
										☐	
										☐	
										☐	

Submitted By		**Received By**	ATEM 5/22/15 @ 1107AM
Date/Time Submitted	5/20/15 7:00 am	**Date/Time Received**	
Submitted By		**Received By**	
Date/Time Submitted		**Date/Time Received**	

*All samples will be held for 3 months from the date of receipt at ATEM. Additional sample storage time may be obtained through ATEM Customer Service