TRIDENT BUENA VISTA AVENUE, LLC

Date:	February 26, 2013
Prepared For:	Ms. Karel Detterman **Alameda County Environmental Health** 1131 Harbor Bay Parkway Alameda, CA 94502
Re:	1551 Buena Vista Avenue Alameda, California RO #3101

Dear Ms. Detterman:

We are pleased to submit the attached report, dated February 12, 2013 prepared by Cornerstone Earth Group. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report is true and correct to the best of my knowledge

If you have any questions or need anything else, please contact us at your convenience at (650) 289-9400.

Sincerely,

Trident Buena Vista Avenue, LLC

Brad Lacour
Principle

Copies: Addressee (1 by email)

CORNERSTONE EARTH GROUP

Type of Services	**Limited Soil Removal Completion Report**
Location	**1551 Buena Vista Avenue Alameda, California (RO 3101)**
Client	**Trident Buena Vista Avenue, LLC**
Client Address	**502 Waverly Street, Suite 302 Palo Alto, California 94301**
Project Number	**557-1-4**
Date	**February 12, 2013**

Prepared by

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CORNERSTONE EARTH GROUP

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CORNERSTONE EARTH GROUP

Type of Services	**Limited Soil Removal Completion Report**
Location	**1551 Buena Vista Avenue** **Alameda, California** **(RO 3101)**

SECTION 1: INTRODUCTION

This report summarizes the completion of limited soil removal activities at 1551 Buena Vista Avenue, Alameda, California (Site, Figure 1). Cornerstone Earth Group (Cornerstone) provided contractor guidance and verification soil sampling in accordance with our September 28, 2012 Agreement (agreement).

Trident Buena Vista Avenue, LLC (Trident) plans to develop up to 89 single-family homes on-Site. Appurtenant streets, parking, utilities, landscaping and other improvements necessary for site development are also planned. In addition, the northerly extension of Clement Avenue is also planned along the north side of the Site.

Trident entered into a Voluntary Cleanup Agreement (VCA) with Alameda County Environmental Health (ACEH) for review of prior environmental investigations and approval of residential development on-Site. In preparation of the Site for residential development, Trident Partners desired the removal of soil from one location where lead was detected in July 2012 exceeding residential screening levels, as discussed below. For the purposes of Trident Partners' property acquisition schedule, completion of this work was desired prior to the end of 2012. Based on email correspondence with ACEH staff, ACEH was not able to review and approve a work plan for the limited soil removal or to be present on-Site to observe the soil removal within this timeframe. Therefore, this work was performed as a self-directed soil removal.

SECTION 2: SITE BACKGROUND

2.1 HISTORICAL SITE USAGE

Based on the information obtained during our Phase I ESA (Cornerstone, 2012), the Site was occupied by two dwellings during the late 1800s. Row crops and what appear to be a farm house and associated outbuildings are shown to have occupied the Site on a 1939 aerial photograph. The current on-Site building was constructed by the late 1940s and was used as a canned-goods warehouse, initially by Stokely Foods, Inc. and subsequently by Del Monte. Since approximately 1993, the on-Site building has been occupied by Chipman Moving and Storage. Chipman uses the building for storage and office purposes.

A Corn Products Company (CPC) International tank farm that consisted of more than 50 above-ground storage tanks (ASTs) historically extended partially onto the northeastern portion of the Site. The ASTs appear to have been constructed during the 1950s and 1960s and removed during the late 1990s or early 2000s. The tank farm reportedly was used to store animal fats, various food related oils and syrup.

2.2 RAILROAD SPURS

Several railroad track spurs are present on the northeast portion of the Site. At least two other spurs appear to have been previously located on the southwest side of the Site. During prior investigations, two soil samples (S-4 and S-5) were collected in 1998 on-Site by others along railroad spurs located on the Southwest side of the on-Site building. Lead concentrations of 380 and 450 milligram per kilogram (mg/kg, or parts per million), and TPHo concentration of 240 and 350 mg/kg were reported in S-4 and S-5, respectively (Cornerstone, 2012).

The current residential California Human Health Screening Level (CHHSL[1]) for lead in soil is 80 mg/kg (CalEPA, 2010). The Water Board's residential Environmental Screening Level (ESL[2]) for TPHo in soil is 370 mg/kg (Water Board, 2008). Limited additional sampling performed along on-Site railroad spurs by Adanta (2011) did not identify lead above the residential CHHSL (TPHo analyses were not performed). Additional evaluation of soil quality in the area of the on-Site railroad spurs was recommended (Cornerstone, 2012). Based on a subsequent discussion with Mr. Chenben Wang of Encinal Real Estate, Inc. (the Site owner), Mr. Wang reported that soil along the southwest portion of the Site along the former railroad spur, presumably including the area of prior samples S-4 and S-5, had been removed for off-Site disposal. As noted in Section 2.5, lead and TPHo were not detected above residential screening levels in soil samples collected from railroad spur areas during July 2012, including two soil samples collected from the former railroad spur on the south side of the warehouse.

2.3 UNDOCUMENTED FILL

Undocumented fill appears to be present beneath the Site, likely as a result of the placement of dredged soil and imported fill. The fill presumably also extends beneath the adjacent Marina Cove subdivision (former Weyerhaeuser property), which was approved for residential development by ACDEH (after cleanup of soil apparently not related to undocumented fill). In addition, prior on-Site investigations do not appear to have identified significantly impacted undocumented fill on-Site. However, sampling and analyses of the undocumented fill was recommended (Cornerstone, 2012); evaluation of the fill is discussed below.

[1] California Human Health Screening Levels (CHHSLs) are used to screen sites for potential human health concerns where releases of hazardous chemicals to soils have occurred. Under most circumstances, the presence of a chemical in soil at concentrations below the corresponding CHHSLs can be assumed not to pose a significant health risk. Per Cal/EPA guidance (January 2005), "The ESLs are intended for use only at sites overseen by that agency". If a CHHSL doesn't exist for a detected compound, Cal/EPA recommends using the Regional Screening Levels (RSLs) developed by the EPA (Region 9, 2012). In the event, there are no CHHSLs or RSLs available, such as for petroleum hydrocarbons, Cal/EPA allows the data to be compared to ESLs.

[2] Environmental Screening Levels were established by the San Francisco Bay Regional Water Quality Control Board (Water Board). ESLs are used to screen properties for potential human health concerns where releases of chemicals to soil have occurred. Under most circumstances, the presence of a chemical in soil, soil vapor, or ground water below the corresponding ESL can be assumed not to pose a significant risk to human health. A chemical exceeding the ESL does not indicate that adverse impacts to human health are occurring or will occur but suggests that further evaluation of potential health concerns is warranted.

2.4 FORMER DIESEL UST

A 2,000 gallon diesel underground storage tank (UST) was removed in 1994 from the northeast portion of the Site (Figure 2). Total petroleum hydrocarbons in the diesel range (TPHd) reportedly was detected in ground water from the UST excavation at 26,000 micrograms per liter (µg/L, or parts per billion) and at up to 15,000 µg/L in ground water samples collected from adjacent borings. TPHg was detected in ground water at up to 970 µg/L. Toluene, ethylbenzene and xylenes were detected in ground water at up to 3.3, 3.7 and 26 µg/L, respectively. Benzene reportedly was not detected in any of the ground water samples (SEMCO, 1994 and Geomatrix, 1995).

Prior to removal of the on-Site UST, three soil borings (TA-1, TA-2 and TA-3) reportedly were drilled adjacent to the tank; soil samples were collected from each boring and a ground water sample was collected from TA-2. The UST was subsequently removed in 1994. During removal, ground water reportedly was encountered at a depth of 6 feet. A ground water grab sample and soil samples from the soil/water interface at each end of the excavation reportedly were collected. Soil and ground water samples also were collected from an adjacent boring (P-15) that was drilled in 1995 (SEMCO, 1994 and Geomatrix, 1995).

TPHd was detected in soil samples from the UST excavation at up to 160 mg/kg and at up to 1,100 mg/kg in soil samples collected from adjacent borings. Toluene, ethylbenzene and xylenes were detected in soil samples at up to 0.011, 0.005 and 0.094 mg/kg, respectively. Benzene was not detected in any of the soil samples.

ACDEH issued a case closure letter dated February 6, 1996 indicating that no further action related to the prior UST release is required. The letter stated, however, that if a change in land use is proposed, the owner must promptly notify this agency.

Additional ground water sampling was conducted at the Site in 2011 by Adanta, including the collection of a ground water sample near the former diesel UST. Adanta reported elevated TPH concentrations in ground water; however, subsequent sampling was performed by Bureau Veritas (BV) (2011) that incorporated silica gel clean-up analytical methods to remove polar non-petroleum hydrocarbon compounds. BV concluded that the elevated concentrations of TPH presented in the Adanta report were not validated and should not be considered representative of petroleum hydrocarbon concentrations in ground water at the Site. Based on laboratory analyses of soil samples collected during this investigation from the former diesel UST area, we concur with BV's conclusions that the former diesel UST location does not appear significantly impacted. Preparation of a Soil Management Plan (SMP) is recommended in the event soil with residual petroleum hydrocarbons is encountered during construction/grading in the former UST area.

2.5 JULY 2012 SOIL QUALITY EVALUATION

To help evaluate soil quality beneath the Site, twelve exploratory borings (EB-1 through EB-12) were advanced in July 2012 to a depth of approximately 5 feet using hydraulic drilling equipment. An additional boring, GW-1, was advanced in the area of the former diesel UST to attempt to collect a ground water grab sample. Approximate boring locations are shown on Figure 2.

Borings EB-1, EB-2 and EB-3 were located in the central portion of the Site, with EB-2 and EB-3 located within the warehouse. These boring locations were randomly selected to help evaluate native soil for the presence of organochlorine pesticides (OCPs) and metals potentially associated with prior agricultural use of the Site. Because of apparent fill observed in borings EB-1 and EB-2, samples of the fill were collected from these borings for laboratory analyses, as discussed below.

Borings EB-4 through EB-12 were selected in apparent former railroad spur areas, based on our on-Site observations and review of historical maps and aerial photographs for the Phase I ESA (Cornerstone, 2012).

Results of the prior soil quality evaluation are summarized in the data summary tables in Appendix A. Based on laboratory analyses of soil samples collected during the July 2012 investigation, soil at the locations sampled did not appear to be significantly impacted (i.e. potential contaminants of concern were either not detected or concentrations detected were below residential screening levels) with the exception of lead detected in boring EB-1. Laboratory analyses detected 110 milligrams per kilogram (mg/kg, equivalent to parts per million [ppm]) lead in the soil sample collected from boring EB-1 at a depth of approximately 3 to 3 ½ feet. This sample was collected from the upper approximately ½ foot of silty clay native soil beneath approximately 3 feet of fill (sandy clay with gravel). Laboratory analysis of a sample of the fill (approximate depth of 2 ½ to 3 feet) detected lead 37 mg/kg, which appeared consistent with published background levels. The residential California Human Health Screening Level (CHHSL, California EPA, 2009) for lead is 80 mg/kg.

A sufficient amount of ground water was not encountered to allow collection of a ground water grab sample near the former diesel UST (boring GW-1). Laboratory analyses of soil samples collected from depths of approximately 6 feet and 11 feet did not detect total petroleum hydrocarbons in the gasoline range (TPHg) and motor oil range (TPHmo), or volatile organic compounds (VOCs). Total petroleum hydrocarbons in the diesel range (TPHd) was detected at 4.5 mg/kg in the soil sample collected from a depth of approximately 11 feet. The residential ESL for TPHd is 83 mg/kg.

Removal and appropriate off-Site disposal of soil at EB-1 exceeding the residential CHHSL was recommended prior to residential development.

SECTION 3: SOIL REMOVAL FROM BORING EB-1 LOCATION

3.1 SOIL EXCAVATION

On December 19, 2012, soil was removed from an approximately 10 foot by 10 foot area shown on Figure 3 to a depth of approximately 4 feet. The excavation was performed by Pacific States Environmental (Lic. No. 723421) under the observation of a Cornerstone geologist. Based on analytical results of verification soil samples (discussed below), additional excavation was performed on December 27, 2012 from the area shown on Figure 3 to remove soil from the northeast sidewall, where lead was detected in verification sample CS-4 exceeding the residential CHHSL.

Approximately 15 cubic yards of soil were excavated and stockpiled on-Site on December 19, 2012. An additional approximately 7 cubic yards of soil were excavated and stockpiled on-Site on December 27, 2012. Stockpile protocol and sampling are discussed in Section 3.4.

Excavated soil generally consisted of a brown to reddish brown baserock to depths of approximately 1 foot and clayey sand/sandy clay fill to a depth of approximately 3 feet. Native soil consisting of silty clay was observed beneath the fill to the total depth of approximately 4 feet. A photograph of the excavation is provided below.

Photograph 1. View of excavation on January 31, 2013 after ponded water had been pumped from the excavation.

3.2 VERIFICATION SAMPLING AND LABORTORY ANALYSIS

To document removal of soil exceeding Site cleanup goals, verification samples of the in-place soil at the base and sidewalls of the excavation were collected by Cornerstone's field geologist using hand-sampling equipment. One bottom verification sample was collected from the approximately 150 square foot of excavation. In addition, verification samples were collected from the excavation sidewalls at a depth of approximately 3 feet, with 1 sample per sidewall. Approximate verification sample locations are shown on Figure 3.

Soil samples were obtained by manually pressing a 1½- by 6-inch stainless steel sampling tube into freshly exposed soil to a depth of approximately 6 inches. The ends of the liners were covered in Teflon film, fitted with plastic end caps and labeled with a unique identification number. The samples were then be placed in an ice-chilled cooler and transported to a state certified analytical laboratory with chain of custody documentation.

Lead was detected in sidewall sample CS-4 exceeding the residential CHHSL. After the over-excavation of additional soil from the northeast sidewall on December 27, verification sample CS-6 was collected from a depth of approximately 3 feet to document in-place soil quality.

Verification soil samples were analyzed for lead (EPA Test Method 6010B). Laboratory analytical results are summarized in Table 1 Data Tables section of this report. Laboratory analytical reports and chain of custody documentation are presented in Appendix A.

3.3 SOIL STOCKPILING AND SAMPLING

Excavated soil was temporary stockpiled on top of and covered by plastic sheeting near the excavation area. The stockpile locations also were located on asphalt pavement.

Soil excavated on December 19 and 27, 2012 was placed into two separate stockpiles. To help evaluate disposal alternatives of the excavated soil, Cornerstone collected four soil samples from each stockpile (SP-1 to SP-4 on December 19 and SP-2A to SP-2D on December 27). The soil samples were submitted to a state certified laboratory, where the soil samples were composited by the laboratory into one 4-point composite sample for each stockpile. Sampls SP-1 to SP-4 (designated as "Composite-1") was analyzed for TPHd and TPHmo (EPA Test Method 8015), OCPs (EPA Test Method 8081), 17 California Assessment Manual (CAM) metals (EPA Test Method 6000/7000), soluble lead (STLC extraction) and Semi-Volatile Organic Compounds (EPA Test Method 8270C). In addition, one of the soil samples from the composite (SP-4) was analyzed individually for volatile organic compounds (VOCs) (EPA Test Method 8260B). Composite soil sample "SP-2A, B, C, D" was analyzed for total lead and soluble (STLC) lead (EPA Test Method 6010B).

Laboratory analyses of sample "Composite-1" did not detect OCPs, semi-VOCs, VOCs, or TPHmo; 1.1 mg/kg TPHd was detected in the composite sample. In addition, lead was detected at 110 mg/kg. Other CAM 17 metals were either not detected or were detected at concentrations that appear consistent to published background levels (Reference). Soluble (STLC) lead was detected at 3.1 milligram per liter (mg/L).

Laboratory analysis of composite sample SP-2A,B,C,D detected 66 mg/kg total lead and 4.0 mg/L soluble lead.

Laboratory analytical results are summarized in Table 2 in the Data Tables section of this report. Laboratory analytical reports and chain of custody documentation are presented in Appendix A.

3.4 PONDED WATER SAMPLING

On December 27, 2012, the lower approximately 2 feet of the excavation had filled with water, possibly as a result of recent rain. To evaluate disposal alternatives for the ponded water, a sample "Water 1" was collected and submitted to a state certified laboratory. The water sample was analyzed for VOCs and TPHg (EPA Test Method 8260B), TPHd and TPHmo (EPA Test Method 8015B) with a silica gel cleanup.

Laboratory analyses did not detect VOCs or TPHg. TPHd (75 ug/L) and TPHmo (210 ug/L) were detected. The source of the TPHd and TPHmo detected may be associated with vehicle parking and traffic in the parking lot. The laboratory analytical report and chain of custody documentation are presented in Appendix B.

3.5 OFF-SITE DISPOSAL OF SOIL AND PONDED WATER

On January 31, 2013, approximately 33 tons of soil were removed for disposal at the Altamont Landfill & Resource Recovery Facility in Livermore, California. In addition, approximately 1,000 gallons of ponded water present in the excavation were pumped into a vacuum truck operated by Denbeste Transportation. The water was transported to the East Bay Municipal Utility District (EBMUD) wastewater treatment plant in Oakland. Disposal documentation is presented in Appendix C.

SECTION 4: CONCLUSIONS

Based on laboratory analyses of final verification soil samples, soil exceeding the residential CHHSL for lead has been removed from the location of boring EB-1. Additional soil removal from this location does not appear required at this time.

This report will be submitted to ACEH for their review.

SECTION 5: REFERENCES

CalEPA, 2005 and 2010. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties, January 2005, updated September 23, 2010.*

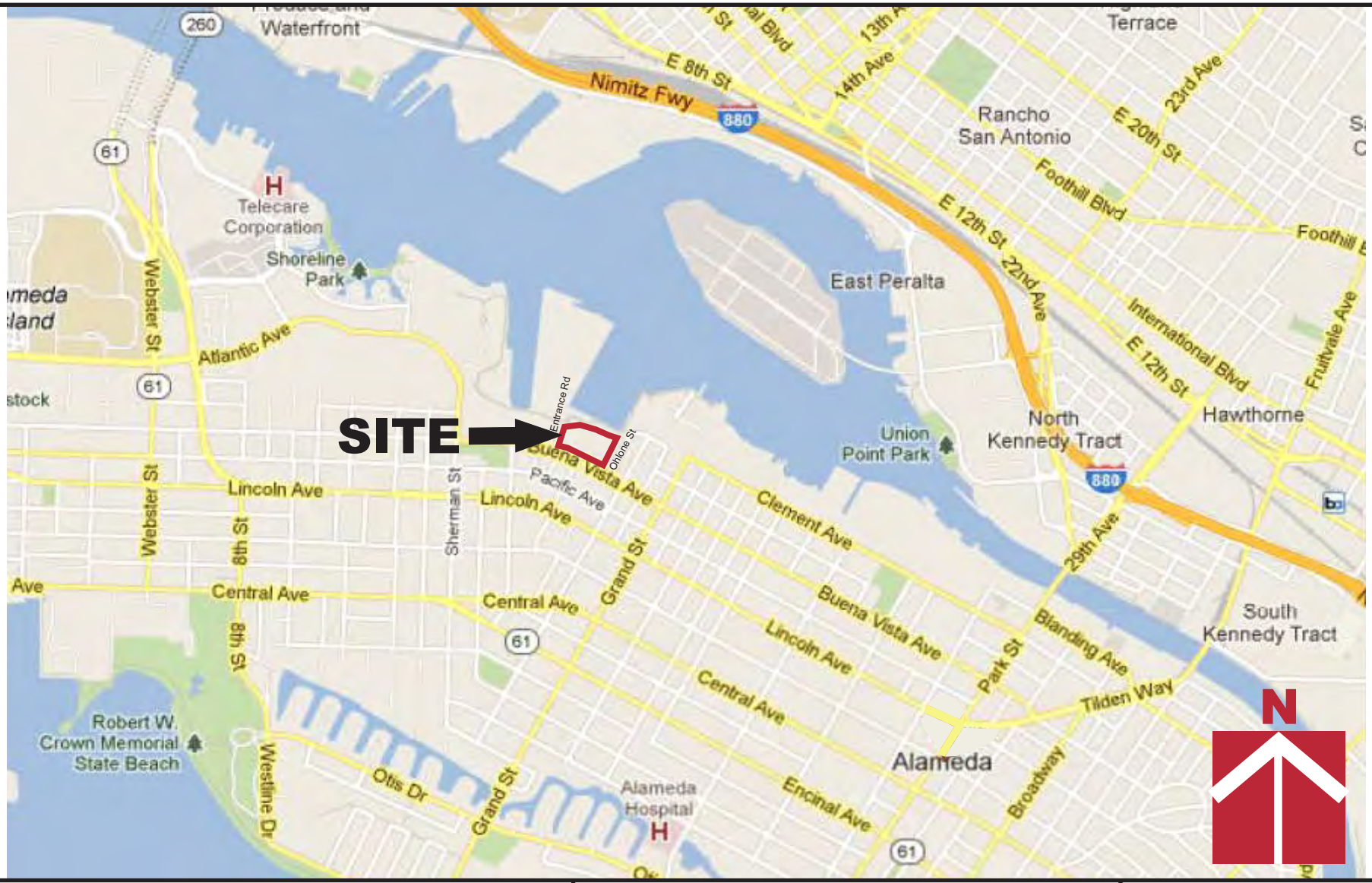
Cornerstone Earth Group, August 10, 2012. *Phase I Environmental Site Assessment, 1551 Buena Vista Avenue, Alameda, California*

Cornerstone Earth Group, August 10, 2012. *Phase II Soil Quality Evaluation, 1551 Buena Vista Avenue, Alameda, California*

Bradford, 1996. *Background Concentrations of Trace and Major Elements in California Soils.*

SECTION 6: LIMITATIONS

This report, an instrument of professional service, was prepared for the sole use of Trident Buena Vista Avenue, LLC and their selected soil excavation contractor and may not be reproduced or distributed without written authorization from Cornerstone. The chemical data presented in this report may change over time and are only valid for this time and location. 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.



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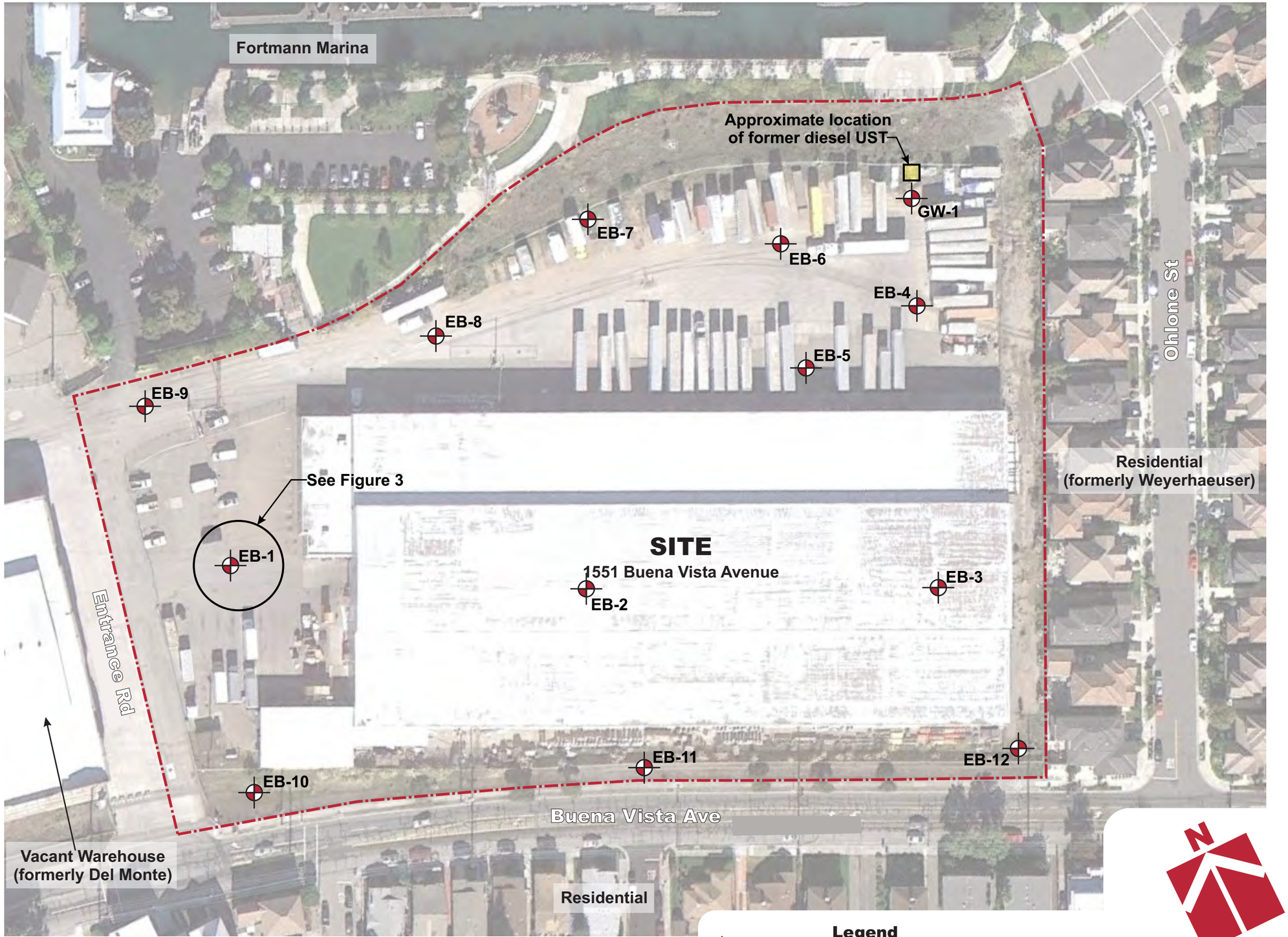
Vicinity Map

Marina Cove Phase 1 ESA
1551 Buena Vista Avenue
Alameda, CA

Project Number	557-1-2
Figure Number	Figure 1
Date	June 2012
Drawn By	RRN



Base by Google Earth, dated 10/29/2011

Project Number 557-1-4

Figure Number Figure 2

Date June 2012

Drawn By RRN

Site Plan

Marina Cove
1551 Buena Vista Avenue
Alameda, CA

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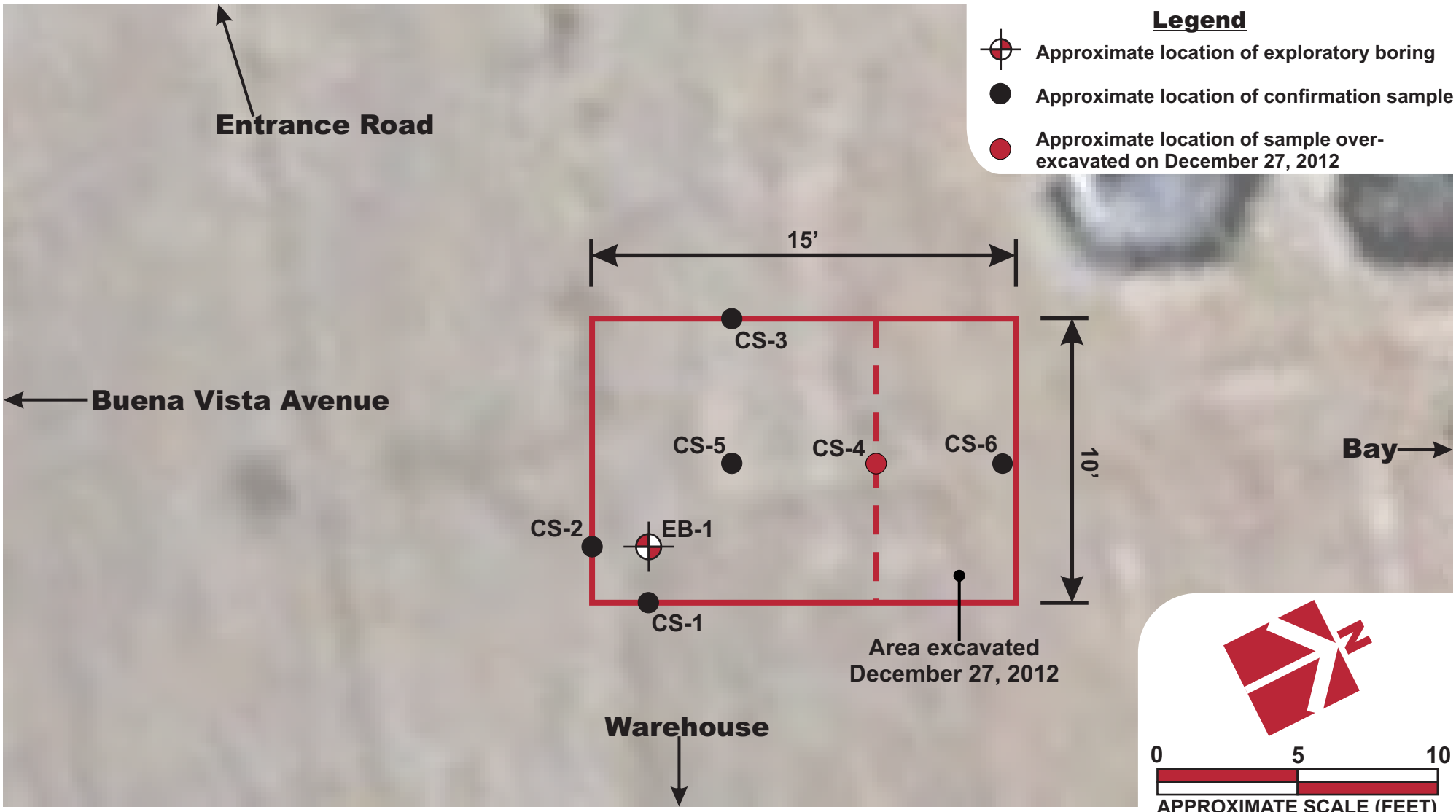

Base by Google Earth, dated 8/28/2012

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Site Plan

Marina Cove
1551 Buena Vista Avenue
Alameda, CA

Project Number	557-1-4
Figure Number	Figure 3
Date	December 2012
Drawn By	RRN

ANALYTICAL DATA SUMMARY TABLES

CORNERSTONE EARTH GROUP

Table 1. Analytical Results of Selected Concfirmation Samples - Lead

(Concentrations in mg/kg)

Sample Location	Location	Date	Approximate Depth (feet)	Lead
CS-1	Sidewall	12/19/2012	3	31
CS-2	Sidewall	12/19/2012	3	3
CS-3	Sidewall	12/19/2012	3	6.6
CS-4	removed	12/19/2012	3	**950**
CS-5	bottom	12/19/2012	4	3
CS-6	Sidewall	12/19/2012	3	77
Typical Background Concentration[1]				12.4 to 97.1
Residential Soil CHHSL[2]				80

1 Bradford, et.al. March 1996. Background Concentrations of Trace and Major Elements in California Soils.

2 California Human Health Screening Level (CHHSL) - Cal/EPA - September 2010

BOLD Sample exceeds residential CHHSL

Red Indicates sample location that was over-excavated and removed for off-site disposal

Table 2. Analytical Results of Selected Stockpile Composite Soil Samples

(Concentrations in mg/kg)

Sample Location	Date	Approximate Depth (feet)	TPHd	TPHmo	VOCS	SVOCS	OCPS	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc	STLC Lead
Composite-1	12/19/2012	Various	1.1	<50	ND [1]	ND	ND	130	39	4.9	12	**110**	0.079	19	30	75	3.1
SP-2A, B, C, D	12/27/2012	Various	---	---	---	---	---	---	---	---	---	**66**	---	---	---	---	4
Typical Background Concentration[2]			---	---	---	---	---	133 to 1,400	23 to 1,579	2.7 to 46.9	9.1 to 96.4	14.3 to 107.9	0.1 to 0.9	9 to 509	39 to 288	88 to 236	NA
Residential CHHSL[3]			100 [a]	370 [a]	Various	Various	Various	5200	NE	660	3,000	80	18	160	530	23,000	NA

1 VOC analysis was performed on one discrete sample from the composite.

2 Bradford, 1996. Background Concentrations of Trace and Major Elements in California Soils.

3 California Human Health Screening Level (CHHSL) - Cal/EPA - September 2010

a No CHHSL is available for TPHd and TPHmo. Screening level shown is the Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region – May 2008

BOLD Sample exceeds residential CHHSL

ND Not Detected

APPENDIX A – ANALYTICAL DATA TABLES FOR SAMPLES COLLECTED JULY 2012

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Table 1. Analytical Results of Selected Soil Samples - Metals
(Concentrations in mg/kg)

Sample Location	Date	Approximate Depth (feet)	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Vanadium	Zinc
EB-1	7/24/2012	2.5-3	<3.7	340	7.5	2.1	20	37	0.092	7.5	11	20
EB-1	7/24/2012	3-3.5	<3.9	110	30	3.9	13	**110**	0.084	16	22	78
EB-2	7/24/2012	1.5-2	<3.9	69	5.4	7.0	13	6.8	0.23	4.6	39	67
EB-2	7/24/2012	3-3.5	<3.8	94	25	3.9	11	30	0.14	14	19	35
EB-3	7/24/2012	1.5-2	<3.7	76	27	3.5	11	28	0.23	14	19	38
EB-4	7/24/2012	2-2.5	5.6	110	15	9.6	27	8.5	0.087	16	39	52
EB-4	7/24/2012	3-3.5	<3.9	88	32	4.5	11	22	0.078	20	22	34
EB-5	7/24/2012	3.5-4	<3.7	120	27	3.7	8.0	26	0.071	15	19	48
EB-6	7/24/2012	3-3.5	<3.9	70	30	4.3	9.5	18	0.086	17	20	26
EB-7	7/24/2012	2-2.5	4.2	39	40	11	41	12	0.098	30	33	48
EB-7	7/24/2012	4-4.5	<3.8	40	24	3.2	6.1	3.5	0.011	15	19	13
EB-8	7/24/2012	3-3.5	7.2	130	29	9.5	27	20	0.061	36	29	110
EB-9	7/24/2012	4-4.5	<3.9	30	28	3.2	7.2	6.5	0.055	21	19	15
EB-10	7/24/2012	2.5-3	<3.7	92	30	3.4	11	72	0.17	15	21	47
EB-11	7/24/2012	2.5-3	<3.7	50	28	3.3	6.3	11	0.014	12	18	14
EB-12	7/24/2012	1.5-2	<3.7	36	28	2.0	6.0	5.9	0.019	10	19	10
GW-1	7/24/2012	6-6.5	--	--	--	--	--	--	--	--	--	--
GW-1	7/24/2012	11-11.5	--	--	--	--	--	--	--	--	--	--
Typical Background Concentration[1]			0.6 to 11.0	133 to 1,400	23 to 1,579	2.7 to 46.9	9.1 to 96.4	12.4 to 97.1	0.1 to 0.90	9 to 509	39 to 288	88 to 236
Residential Soil CHHSL[2]			11 [3]	5,200	NE	660	3,000	80	18	1,600	530	23,000

1 Bradford, et.al. March 1996. Background Concentrations of Trace and Major Elements in California Soils.
2 California Human Health Screening Level (CHHSL) - Cal/EPA - September 2010
3 Duverge, Dylan Jacques. December 2011. Establishing Background Arsenic in the Soil of the Urbanized San Francisco Bay Region
< Not detected at or above laboratory reporting limit

Table 2. Analytical Results of Selected Soil Samples - Petroleum Hydrocarbons, Organochlorine Pesticides, PCBs, VOCs and PAHs

(Concentrations in mg/kg)

									PAHs											
Sample Location	Date	Approximate Depth (feet)	TPH Gasoline	TPH Diesel	TPH Motor Oil	Organochlorine Pesticides	PCBs	VOCs	Anthracene	Benzo[a] anthracene	Benzo[a]pyrene	Benzo[b] fluoranthene	Benzo[g,h,i] perylene	Benzl[k] fluoranthene	Chrysene	Fluoranthene	Ideno[1,2,3-cd] pyrene	Napthalene	Phenanthrene	Pyrene
EB-1	7/24/2012	2.5-3	<0.32	<1	<50	ND	<0.049	ND	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	0.0063
EB-1	7/24/2012	3-3.5	---	<1	<50	ND	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-2	7/24/2012	1.5-2	<0.29	<1	<50	ND	<0.049	ND	0.0049	0.021	0.034	0.040	0.028	0.013	0.025	0.035	0.021	0.015	0.018	0.038
EB-2	7/24/2012	3-3.5	---	<0.99	<49	ND	<0.049	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-3	7/24/2012	1.5-2	---	3.3	<50	ND	<0.050	---	0.0064	0.020	0.030	0.032	0.023	0.013	0.023	0.033	0.019	0.0068	0.017	0.034
EB-4	7/24/2012	2-2.5	<0.26	1.3	<50	ND	<0.049	ND	---	---	---	---	---	---	---	---	---	---	---	---
EB-4	7/24/2012	3-3.5	---	1.2	<50	ND	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-5	7/24/2012	3.5-4	---	<0.99	<50	ND	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-6	7/24/2012	3-3.5	---	1.1	<49	ND	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-7	7/24/2012	2-2.5	<0.30	15	62	ND	<0.049	ND	---	---	---	---	---	---	---	---	---	---	---	---
EB-7	7/24/2012	4-4.5	---	1.1	<50	ND	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-8	7/24/2012	3-3.5	---	3.1	<49	ND	<0.049													
EB-9	7/24/2012	4-4.5	<0.34	<0.99	<50	ND	<0.049	ND	---	---	---	---	---	---	---	---	---	---	---	---
EB-10	7/24/2012	2.5-3	---	2.5	<50	ND	<0.048	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-11	7/24/2012	2.5-3	---	<0.99	<49	ND	<0.049	---	---	---	---	---	---	---	---	---	---	---	---	---
EB-12	7/24/2012	1.5-2	---	<0.98	<50	ND	<0.049	---	---	---	---	---	---	---	---	---	---	---	---	---
GW-1	7/24/2012	6-6.5	<0.19	<0.99	<49	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---
GW-1	7/24/2012	11-11.5	<0.26	4.5	<49	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---
Residential Soil ESL[1]			83	83	370	various	various	various	3	0.38	0.038	0.38	27	0.38	23	40	0.62	1.3	11	85
Residential Soil CHHSL[2]			NE	NE	NE	various	various	various	NE	NE	0.038	NE	NE	NE	NE	NE	NE	NE	NE	NE

1 Environmental Screening Level (ESL), California Regional Water Quality Control Board - San Francisco Bay Region. May 2008.
2 California Human Health Screening Level (CHHSL) - Cal/EPA - September 2010
< Not detected at or above laboratory reporting limit
--- Sample not tested
ND Not detected at or above laboratory reporting limits (variable limits)

APPENDIX B – LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

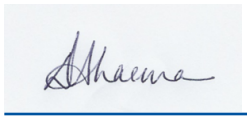
ANALYTICAL REPORT

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

TestAmerica Job ID: 720-46900-2
Client Project/Site: Buena Vista

For:
Cornerstone Earth Group
1270 Springbrook Road, Suite 101
Walnut Creek, California 94597

Attn: Peter Langtry



Authorized for release by:
12/28/2012 12:56:24 PM
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Designee for

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-46900-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-46900-2

Comments
No additional comments.

Receipt
The samples were received on 12/27/2012 12:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.3º C.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Client Sample ID: CS-6

Lab Sample ID: 720-46900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	77		1.9		mg/Kg	4		6010B	Total/NA

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Method: 6010B - Metals (ICP)

Client Sample ID: CS-6
Date Collected: 12/27/12 10:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	77		1.9		mg/Kg		12/27/12 14:40	12/28/12 09:43	4

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-127804/1-A
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		12/27/12 14:40	12/28/12 09:22	1

Lab Sample ID: LCS 720-127804/2-A
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.0		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-127804/3-A
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127804

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	48.6		mg/Kg		97	80 - 120	1	20

Lab Sample ID: LCSSRM 720-127804/15-A
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127804

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	259	257		mg/Kg		99	62 - 113

Lab Sample ID: 720-46900-1 MS
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: CS-6
Prep Type: Total/NA
Prep Batch: 127804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	77		47.6	134		mg/Kg		121	75 - 125

Lab Sample ID: 720-46900-1 MSD
Matrix: Solid
Analysis Batch: 127862

Client Sample ID: CS-6
Prep Type: Total/NA
Prep Batch: 127804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	77		50.0	127		mg/Kg		100	75 - 125	6	20

QC Association Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Metals

Prep Batch: 127804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-1	CS-6	Total/NA	Solid	3050B	
720-46900-1 MS	CS-6	Total/NA	Solid	3050B	
720-46900-1 MSD	CS-6	Total/NA	Solid	3050B	
LCS 720-127804/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-127804/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-127804/15-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-127804/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 127862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-1	CS-6	Total/NA	Solid	6010B	127804
720-46900-1 MS	CS-6	Total/NA	Solid	6010B	127804
720-46900-1 MSD	CS-6	Total/NA	Solid	6010B	127804
LCS 720-127804/2-A	Lab Control Sample	Total/NA	Solid	6010B	127804
LCSD 720-127804/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	127804
LCSSRM 720-127804/15-A	Lab Control Sample	Total/NA	Solid	6010B	127804
MB 720-127804/1-A	Method Blank	Total/NA	Solid	6010B	127804

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Client Sample ID: CS-6
Date Collected: 12/27/12 10:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127804	12/27/12 14:40	ET	TAL SF
Total/NA	Analysis	6010B		4	127862	12/28/12 09:43	EFH	TAL SF

Laboratory References:

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

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-46900-1	CS-6	Solid	12/27/12 10:00	12/27/12 12:20

CORNERSTONE EARTH GROUP

Chain of Custody Record

720-46900

143193

12/28/2012

Cornerstone Earth Group, Inc.	**Project Manager:** Peter Langtry	**Site Contact:**	**Date:** 12/27/12
1259 Oakmead Parkway	**Tel/Fax:**	**Lab Contact:**	**Carrier:**
Sunnyvale, California 94085	**Analysis Turnaround Time**		
(408) 245-4600 Phone	TAT if different from Below ____		
(408) 245-4620 FAX	☐ 1 week		
Project Name: Buena Vista	☒ 3 days		
Site:	☐ 2 days		
Project Number: 557-1-4	☒ 1 day		

COC No: 1 of 1 COCs

Laboratory's Job No.

Bill [redacted]

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Lead	STLC	TCLP	TPH diesel + Motor oil (Silica Gel)	TPH gasoline/VOCs (8260)	Cam 17 metals	Laboratory's Sample Specific Notes:
CS-6	12/27/12	1000	Am	soil	1		X						← 24-hour
SP-2A,B,C,D	12/27/12	1010	Am	soil	4		X	X	X				← 3-Day Composite 4:1
Water 1	12/27/12	9:00	Am	water	6					X	X	X	← 3-Day Filter + preserve Metals

RUSH

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:
Email CS-6 results to Brad Lacour - blacour@trident-partners.com

8-32° 4 hrs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	CEG	12/27/12 1220			12-27-12 1220
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-46900-2

Login Number: 46900

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

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.	True	
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	

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: 720-46900-1
Client Project/Site: Buena Vista

For:
Cornerstone Earth Group
1270 Springbrook Road, Suite 101
Walnut Creek, California 94597

Attn: Peter Langtry

Authorized for release by:
1/3/2013 12:18:37 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

Table of Contents

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-46900-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-46900-1

Comments
No additional comments.

Receipt
The samples were received on 12/27/2012 12:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.3º C.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) associated with batch #127764 recovered above the upper control limit for VA. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 720-127764/2).

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Client Sample ID: SP-2A,B,C,D — Lab Sample ID: 720-46900-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	66		2.0		mg/Kg	4		6010B	Total/NA
Lead	4.0		0.13		mg/L	2.5		6010B	STLC Citrate

Client Sample ID: WATER 1 — Lab Sample ID: 720-46900-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	75		54		ug/L	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C24-C36]	210		110		ug/L	1		8015B	Silica Gel Cleanup
Barium	0.20		0.0050		mg/L	1		6010B	Dissolved
Zinc	0.066		0.020		mg/L	1		6010B	Dissolved

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

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

Client Sample ID: WATER 1
Date Collected: 12/27/12 09:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			12/27/12 13:58	1
Acetone	ND		50		ug/L			12/27/12 13:58	1
Benzene	ND		0.50		ug/L			12/27/12 13:58	1
Dichlorobromomethane	ND		0.50		ug/L			12/27/12 13:58	1
Bromobenzene	ND		1.0		ug/L			12/27/12 13:58	1
Chlorobromomethane	ND		1.0		ug/L			12/27/12 13:58	1
Bromoform	ND		1.0		ug/L			12/27/12 13:58	1
Bromomethane	ND		1.0		ug/L			12/27/12 13:58	1
2-Butanone (MEK)	ND		50		ug/L			12/27/12 13:58	1
n-Butylbenzene	ND		1.0		ug/L			12/27/12 13:58	1
sec-Butylbenzene	ND		1.0		ug/L			12/27/12 13:58	1
tert-Butylbenzene	ND		1.0		ug/L			12/27/12 13:58	1
Carbon disulfide	ND		5.0		ug/L			12/27/12 13:58	1
Carbon tetrachloride	ND		0.50		ug/L			12/27/12 13:58	1
Chlorobenzene	ND		0.50		ug/L			12/27/12 13:58	1
Chloroethane	ND		1.0		ug/L			12/27/12 13:58	1
Chloroform	ND		1.0		ug/L			12/27/12 13:58	1
Chloromethane	ND		1.0		ug/L			12/27/12 13:58	1
2-Chlorotoluene	ND		0.50		ug/L			12/27/12 13:58	1
4-Chlorotoluene	ND		0.50		ug/L			12/27/12 13:58	1
Chlorodibromomethane	ND		0.50		ug/L			12/27/12 13:58	1
1,2-Dichlorobenzene	ND		0.50		ug/L			12/27/12 13:58	1
1,3-Dichlorobenzene	ND		0.50		ug/L			12/27/12 13:58	1
1,4-Dichlorobenzene	ND		0.50		ug/L			12/27/12 13:58	1
1,3-Dichloropropane	ND		1.0		ug/L			12/27/12 13:58	1
1,1-Dichloropropene	ND		0.50		ug/L			12/27/12 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			12/27/12 13:58	1
Ethylene Dibromide	ND		0.50		ug/L			12/27/12 13:58	1
Dibromomethane	ND		0.50		ug/L			12/27/12 13:58	1
Dichlorodifluoromethane	ND		0.50		ug/L			12/27/12 13:58	1
1,1-Dichloroethane	ND		0.50		ug/L			12/27/12 13:58	1
1,2-Dichloroethane	ND		0.50		ug/L			12/27/12 13:58	1
1,1-Dichloroethene	ND		0.50		ug/L			12/27/12 13:58	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			12/27/12 13:58	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			12/27/12 13:58	1
1,2-Dichloropropane	ND		0.50		ug/L			12/27/12 13:58	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			12/27/12 13:58	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			12/27/12 13:58	1
Ethylbenzene	ND		0.50		ug/L			12/27/12 13:58	1
Hexachlorobutadiene	ND		1.0		ug/L			12/27/12 13:58	1
2-Hexanone	ND		50		ug/L			12/27/12 13:58	1
Isopropylbenzene	ND		0.50		ug/L			12/27/12 13:58	1
4-Isopropyltoluene	ND		1.0		ug/L			12/27/12 13:58	1
Methylene Chloride	ND		5.0		ug/L			12/27/12 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			12/27/12 13:58	1
Naphthalene	ND		1.0		ug/L			12/27/12 13:58	1
N-Propylbenzene	ND		1.0		ug/L			12/27/12 13:58	1
Styrene	ND		0.50		ug/L			12/27/12 13:58	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			12/27/12 13:58	1

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

Client Sample ID: WATER 1
Date Collected: 12/27/12 09:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			12/27/12 13:58	1
Tetrachloroethene	ND		0.50		ug/L			12/27/12 13:58	1
Toluene	ND		0.50		ug/L			12/27/12 13:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			12/27/12 13:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			12/27/12 13:58	1
1,1,1-Trichloroethane	ND		0.50		ug/L			12/27/12 13:58	1
1,1,2-Trichloroethane	ND		0.50		ug/L			12/27/12 13:58	1
Trichloroethene	ND		0.50		ug/L			12/27/12 13:58	1
Trichlorofluoromethane	ND		1.0		ug/L			12/27/12 13:58	1
1,2,3-Trichloropropane	ND		0.50		ug/L			12/27/12 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			12/27/12 13:58	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			12/27/12 13:58	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			12/27/12 13:58	1
Vinyl acetate	ND		10		ug/L			12/27/12 13:58	1
Vinyl chloride	ND		0.50		ug/L			12/27/12 13:58	1
Xylenes, Total	ND		1.0		ug/L			12/27/12 13:58	1
2,2-Dichloropropane	ND		0.50		ug/L			12/27/12 13:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			12/27/12 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*12/27/12 13:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*		*12/27/12 13:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/27/12 13:58*	*1*

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

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

Client Sample ID: WATER 1
Date Collected: 12/27/12 09:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	75		54		ug/L		12/27/12 14:16	12/28/12 11:02	1
Motor Oil Range Organics [C24-C36]	210		110		ug/L		12/27/12 14:16	12/28/12 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.002*		*0 - 5*	*12/27/12 14:16*	*12/28/12 11:02*	*1*
p-Terphenyl	*77*		*31 - 150*	*12/27/12 14:16*	*12/28/12 11:02*	*1*

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method: 6010B - Metals (ICP)

Client Sample ID: SP-2A,B,C,D
Date Collected: 12/27/12 10:10
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	66		2.0		mg/Kg		12/27/12 18:22	12/28/12 10:50	4

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: WATER 1
Date Collected: 12/27/12 09:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Arsenic	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Barium	**0.20**		0.0050		mg/L		01/02/13 08:16	01/02/13 15:58	1
Beryllium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:58	1
Cadmium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:58	1
Chromium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Cobalt	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:58	1
Copper	ND		0.020		mg/L		01/02/13 08:16	01/02/13 15:58	1
Lead	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:58	1
Molybdenum	ND		0.010		mg/L		01/02/13 08:16	01/02/13 17:16	1
Nickel	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Selenium	ND		0.020		mg/L		01/02/13 08:16	01/02/13 17:16	1
Silver	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:58	1
Thallium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Vanadium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:58	1
Zinc	**0.066**		0.020		mg/L		01/02/13 08:16	01/02/13 15:58	1

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: SP-2A,B,C,D
Date Collected: 12/27/12 10:10
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.13		mg/L		12/29/12 15:48	12/31/12 19:22	2.5

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method: 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SP-2A,B,C,D
Date Collected: 12/27/12 10:10
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.0		0.13		mg/L		12/31/12 14:11	12/31/12 16:11	2.5

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: WATER 1
Date Collected: 12/27/12 09:00
Date Received: 12/27/12 12:20

Lab Sample ID: 720-46900-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/28/12 11:17	12/28/12 17:29	1

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

Lab Sample ID: MB 720-127764/4
Matrix: Water
Analysis Batch: 127764

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		0.50		ug/L			12/27/12 08:24	1
Acetone	ND		50		ug/L			12/27/12 08:24	1
Benzene	ND		0.50		ug/L			12/27/12 08:24	1
Dichlorobromomethane	ND		0.50		ug/L			12/27/12 08:24	1
Bromobenzene	ND		1.0		ug/L			12/27/12 08:24	1
Chlorobromomethane	ND		1.0		ug/L			12/27/12 08:24	1
Bromoform	ND		1.0		ug/L			12/27/12 08:24	1
Bromomethane	ND		1.0		ug/L			12/27/12 08:24	1
2-Butanone (MEK)	ND		50		ug/L			12/27/12 08:24	1
n-Butylbenzene	ND		1.0		ug/L			12/27/12 08:24	1
sec-Butylbenzene	ND		1.0		ug/L			12/27/12 08:24	1
tert-Butylbenzene	ND		1.0		ug/L			12/27/12 08:24	1
Carbon disulfide	ND		5.0		ug/L			12/27/12 08:24	1
Carbon tetrachloride	ND		0.50		ug/L			12/27/12 08:24	1
Chlorobenzene	ND		0.50		ug/L			12/27/12 08:24	1
Chloroethane	ND		1.0		ug/L			12/27/12 08:24	1
Chloroform	ND		1.0		ug/L			12/27/12 08:24	1
Chloromethane	ND		1.0		ug/L			12/27/12 08:24	1
2-Chlorotoluene	ND		0.50		ug/L			12/27/12 08:24	1
4-Chlorotoluene	ND		0.50		ug/L			12/27/12 08:24	1
Chlorodibromomethane	ND		0.50		ug/L			12/27/12 08:24	1
1,2-Dichlorobenzene	ND		0.50		ug/L			12/27/12 08:24	1
1,3-Dichlorobenzene	ND		0.50		ug/L			12/27/12 08:24	1
1,4-Dichlorobenzene	ND		0.50		ug/L			12/27/12 08:24	1
1,3-Dichloropropane	ND		1.0		ug/L			12/27/12 08:24	1
1,1-Dichloropropene	ND		0.50		ug/L			12/27/12 08:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			12/27/12 08:24	1
Ethylene Dibromide	ND		0.50		ug/L			12/27/12 08:24	1
Dibromomethane	ND		0.50		ug/L			12/27/12 08:24	1
Dichlorodifluoromethane	ND		0.50		ug/L			12/27/12 08:24	1
1,1-Dichloroethane	ND		0.50		ug/L			12/27/12 08:24	1
1,2-Dichloroethane	ND		0.50		ug/L			12/27/12 08:24	1
1,1-Dichloroethene	ND		0.50		ug/L			12/27/12 08:24	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			12/27/12 08:24	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			12/27/12 08:24	1
1,2-Dichloropropane	ND		0.50		ug/L			12/27/12 08:24	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			12/27/12 08:24	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			12/27/12 08:24	1
Ethylbenzene	ND		0.50		ug/L			12/27/12 08:24	1
Hexachlorobutadiene	ND		1.0		ug/L			12/27/12 08:24	1
2-Hexanone	ND		50		ug/L			12/27/12 08:24	1
Isopropylbenzene	ND		0.50		ug/L			12/27/12 08:24	1
4-Isopropyltoluene	ND		1.0		ug/L			12/27/12 08:24	1
Methylene Chloride	ND		5.0		ug/L			12/27/12 08:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			12/27/12 08:24	1
Naphthalene	ND		1.0		ug/L			12/27/12 08:24	1
N-Propylbenzene	ND		1.0		ug/L			12/27/12 08:24	1
Styrene	ND		0.50		ug/L			12/27/12 08:24	1

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

Lab Sample ID: MB 720-127764/4
Matrix: Water
Analysis Batch: 127764

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		0.50		ug/L			12/27/12 08:24	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			12/27/12 08:24	1
Tetrachloroethene	ND		0.50		ug/L			12/27/12 08:24	1
Toluene	ND		0.50		ug/L			12/27/12 08:24	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			12/27/12 08:24	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			12/27/12 08:24	1
1,1,1-Trichloroethane	ND		0.50		ug/L			12/27/12 08:24	1
1,1,2-Trichloroethane	ND		0.50		ug/L			12/27/12 08:24	1
Trichloroethene	ND		0.50		ug/L			12/27/12 08:24	1
Trichlorofluoromethane	ND		1.0		ug/L			12/27/12 08:24	1
1,2,3-Trichloropropane	ND		0.50		ug/L			12/27/12 08:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			12/27/12 08:24	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			12/27/12 08:24	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			12/27/12 08:24	1
Vinyl acetate	ND		10		ug/L			12/27/12 08:24	1
Vinyl chloride	ND		0.50		ug/L			12/27/12 08:24	1
Xylenes, Total	ND		1.0		ug/L			12/27/12 08:24	1
2,2-Dichloropropane	ND		0.50		ug/L			12/27/12 08:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			12/27/12 08:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*12/27/12 08:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 138*		*12/27/12 08:24*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*12/27/12 08:24*	*1*

Lab Sample ID: LCS 720-127764/7
Matrix: Water
Analysis Batch: 127764

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	500	517		ug/L		103	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCS 720-127764/9
Matrix: Water
Analysis Batch: 127764

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	25.0	28.4		ug/L		114	62 - 130
Acetone	125	122		ug/L		97	26 - 180
Benzene	25.0	26.2		ug/L		105	79 - 130
Dichlorobromomethane	25.0	26.7		ug/L		107	70 - 130

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

Lab Sample ID: LCS 720-127764/9
Matrix: Water
Analysis Batch: 127764

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	25.2		ug/L		101	70 - 130
Chlorobromomethane	25.0	25.4		ug/L		102	70 - 130
Bromoform	25.0	28.3		ug/L		113	68 - 136
Bromomethane	25.0	22.0		ug/L		88	43 - 151
2-Butanone (MEK)	125	115		ug/L		92	54 - 130
n-Butylbenzene	25.0	26.2		ug/L		105	70 - 142
sec-Butylbenzene	25.0	25.6		ug/L		102	70 - 134
tert-Butylbenzene	25.0	25.6		ug/L		102	70 - 135
Carbon disulfide	25.0	23.7		ug/L		95	58 - 130
Carbon tetrachloride	25.0	28.1		ug/L		112	70 - 146
Chlorobenzene	25.0	25.4		ug/L		102	70 - 130
Chloroethane	25.0	23.0		ug/L		92	62 - 138
Chloroform	25.0	26.0		ug/L		104	70 - 130
Chloromethane	25.0	23.7		ug/L		95	52 - 175
2-Chlorotoluene	25.0	26.4		ug/L		106	70 - 130
4-Chlorotoluene	25.0	25.9		ug/L		103	70 - 130
Chlorodibromomethane	25.0	22.4		ug/L		89	70 - 145
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	70 - 130
1,3-Dichloropropane	25.0	25.7		ug/L		103	70 - 130
1,1-Dichloropropene	25.0	27.1		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	20.6		ug/L		83	70 - 136
Ethylene Dibromide	25.0	23.5		ug/L		94	70 - 130
Dibromomethane	25.0	24.7		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	20.5		ug/L		82	34 - 132
1,1-Dichloroethane	25.0	26.8		ug/L		107	70 - 130
1,2-Dichloroethane	25.0	25.6		ug/L		102	61 - 132
1,1-Dichloroethene	25.0	25.7		ug/L		103	64 - 128
cis-1,2-Dichloroethene	25.0	27.6		ug/L		110	70 - 130
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130
1,2-Dichloropropane	25.0	26.9		ug/L		107	70 - 130
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	70 - 140
Ethylbenzene	25.0	25.4		ug/L		102	80 - 120
Hexachlorobutadiene	25.0	27.9		ug/L		111	70 - 130
2-Hexanone	125	120		ug/L		96	60 - 164
Isopropylbenzene	25.0	26.8		ug/L		107	70 - 130
4-Isopropyltoluene	25.0	25.1		ug/L		101	70 - 130
Methylene Chloride	25.0	25.2		ug/L		101	70 - 147
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		98	58 - 130
Naphthalene	25.0	20.4		ug/L		82	70 - 130
N-Propylbenzene	25.0	27.0		ug/L		108	70 - 130
Styrene	25.0	25.0		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 130
Tetrachloroethene	25.0	26.6		ug/L		106	70 - 130
Toluene	25.0	25.6		ug/L		102	78 - 120

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

Lab Sample ID: LCS 720-127764/9
Matrix: Water
Analysis Batch: 127764

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	25.0	22.2		ug/L		89	70 - 130
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	70 - 130
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130
Trichloroethene	25.0	24.3		ug/L		97	70 - 130
Trichlorofluoromethane	25.0	27.6		ug/L		111	66 - 132
1,2,3-Trichloropropane	25.0	24.3		ug/L		97	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	42 - 162
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	25.0	25.9		ug/L		104	70 - 130
Vinyl acetate	25.0	39.9		ug/L		160	43 - 163
Vinyl chloride	25.0	21.3		ug/L		85	54 - 135
m-Xylene & p-Xylene	50.0	51.6		ug/L		103	70 - 142
o-Xylene	25.0	26.6		ug/L		106	70 - 130
2,2-Dichloropropane	25.0	35.0		ug/L		140	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-127764/10
Matrix: Water
Analysis Batch: 127764

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	25.0	27.6		ug/L		111	62 - 130	3	20
Acetone	125	117		ug/L		94	26 - 180	4	30
Benzene	25.0	25.3		ug/L		101	79 - 130	3	20
Dichlorobromomethane	25.0	26.0		ug/L		104	70 - 130	3	20
Bromobenzene	25.0	24.5		ug/L		98	70 - 130	3	20
Chlorobromomethane	25.0	24.6		ug/L		98	70 - 130	3	20
Bromoform	25.0	27.4		ug/L		110	68 - 136	3	20
Bromomethane	25.0	22.1		ug/L		88	43 - 151	1	20
2-Butanone (MEK)	125	115		ug/L		92	54 - 130	0	20
n-Butylbenzene	25.0	25.4		ug/L		102	70 - 142	3	20
sec-Butylbenzene	25.0	24.9		ug/L		100	70 - 134	3	20
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135	2	20
Carbon disulfide	25.0	23.4		ug/L		94	58 - 130	1	20
Carbon tetrachloride	25.0	27.8		ug/L		111	70 - 146	1	20
Chlorobenzene	25.0	24.8		ug/L		99	70 - 130	3	20
Chloroethane	25.0	23.3		ug/L		93	62 - 138	1	20
Chloroform	25.0	25.2		ug/L		101	70 - 130	3	20
Chloromethane	25.0	23.2		ug/L		93	52 - 175	2	20
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130	3	20
4-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130	3	20
Chlorodibromomethane	25.0	21.9		ug/L		88	70 - 145	2	20

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

Lab Sample ID: LCSD 720-127764/10
Matrix: Water
Analysis Batch: 127764

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	25.0	24.1		ug/L		96	70 - 130	2	20
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	3	20
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130	2	20
1,3-Dichloropropane	25.0	25.1		ug/L		100	70 - 130	2	20
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	25.0	19.6		ug/L		79	70 - 136	5	20
Ethylene Dibromide	25.0	22.9		ug/L		91	70 - 130	3	20
Dibromomethane	25.0	24.2		ug/L		97	70 - 130	2	20
Dichlorodifluoromethane	25.0	20.1		ug/L		80	34 - 132	2	20
1,1-Dichloroethane	25.0	26.2		ug/L		105	70 - 130	2	20
1,2-Dichloroethane	25.0	25.0		ug/L		100	61 - 132	2	20
1,1-Dichloroethene	25.0	24.1		ug/L		97	64 - 128	6	20
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	68 - 130	3	20
1,2-Dichloropropane	25.0	26.1		ug/L		105	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	70 - 140	1	20
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120	3	20
Hexachlorobutadiene	25.0	27.1		ug/L		108	70 - 130	3	20
2-Hexanone	125	114		ug/L		91	60 - 164	4	20
Isopropylbenzene	25.0	25.9		ug/L		103	70 - 130	3	20
4-Isopropyltoluene	25.0	24.6		ug/L		98	70 - 130	2	20
Methylene Chloride	25.0	24.6		ug/L		98	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130	3	20
Naphthalene	25.0	20.2		ug/L		81	70 - 130	1	20
N-Propylbenzene	25.0	26.0		ug/L		104	70 - 130	4	20
Styrene	25.0	24.4		ug/L		98	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	70 - 130	4	20
Tetrachloroethene	25.0	25.8		ug/L		103	70 - 130	3	20
Toluene	25.0	24.7		ug/L		99	78 - 120	3	20
1,2,3-Trichlorobenzene	25.0	22.0		ug/L		88	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	70 - 130	2	20
1,1,1-Trichloroethane	25.0	27.9		ug/L		112	70 - 130	2	20
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	70 - 130	1	20
Trichloroethene	25.0	23.7		ug/L		95	70 - 130	2	20
Trichlorofluoromethane	25.0	27.0		ug/L		108	66 - 132	2	20
1,2,3-Trichloropropane	25.0	23.2		ug/L		93	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.5		ug/L		98	42 - 162	4	20
1,2,4-Trimethylbenzene	25.0	25.0		ug/L		100	70 - 132	3	20
1,3,5-Trimethylbenzene	25.0	25.3		ug/L		101	70 - 130	2	20
Vinyl acetate	25.0	38.5		ug/L		154	43 - 163	4	20
Vinyl chloride	25.0	21.2		ug/L		85	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.4		ug/L		101	70 - 142	2	20
o-Xylene	25.0	25.8		ug/L		103	70 - 130	3	20
2,2-Dichloropropane	25.0	34.2		ug/L		137	70 - 140	2	20

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

Lab Sample ID: LCSD 720-127764/10
Matrix: Water
Analysis Batch: 127764

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-127764/8
Matrix: Water
Analysis Batch: 127764

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			500	526		ug/L		105	62 - 120	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*108*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 720-127794/1-A
Matrix: Water
Analysis Batch: 127851

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 127794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		12/27/12 14:16	12/28/12 12:30	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		12/27/12 14:16	12/28/12 12:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	*0.004*		*0 - 5*	*12/27/12 14:16*	*12/28/12 12:30*	*1*
p-Terphenyl	*73*		*31 - 150*	*12/27/12 14:16*	*12/28/12 12:30*	*1*

Lab Sample ID: LCS 720-127794/2-A
Matrix: Water
Analysis Batch: 127851

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 127794

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			2500	1140		ug/L		46	32 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	*89*		*31 - 150*

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

Lab Sample ID: LCSD 720-127794/3-A
Matrix: Water
Analysis Batch: 127851

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 127794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1010		ug/L		40	32 - 119	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*86*		*31 - 150*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-127825/1-A
Matrix: Solid
Analysis Batch: 127865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		12/27/12 18:22	12/28/12 09:24	1

Lab Sample ID: LCS 720-127825/2-A
Matrix: Solid
Analysis Batch: 127865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	45.3		mg/Kg		91	80 - 120

Lab Sample ID: LCSD 720-127825/3-A
Matrix: Solid
Analysis Batch: 127865

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	45.4		mg/Kg		91	80 - 120	0	20

Lab Sample ID: LCSSRM 720-127825/25-A
Matrix: Solid
Analysis Batch: 127865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127825

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	280	232		mg/Kg		83	62 - 113

Lab Sample ID: MB 720-127928/1-A
Matrix: Solid
Analysis Batch: 128007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		12/29/12 15:48	12/31/12 18:07	1

Lab Sample ID: LCS 720-127928/2-A
Matrix: Solid
Analysis Batch: 128007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	1.04		mg/L		104	80 - 120

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

Lab Sample ID: LCSD 720-127928/3-A
Matrix: Solid
Analysis Batch: 128007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127928

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	1.04		mg/L		104	80 - 120	1	20

Lab Sample ID: MB 720-127969/1-A
Matrix: Solid
Analysis Batch: 127977

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 127969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		12/31/12 14:11	12/31/12 14:53	1

Lab Sample ID: LCS 720-127969/2-A
Matrix: Solid
Analysis Batch: 127977

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 127969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.928		mg/L		93	80 - 120

Lab Sample ID: LCSD 720-127969/3-A
Matrix: Solid
Analysis Batch: 127977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 127969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.943		mg/L		94	80 - 120	2	20

Lab Sample ID: MB 720-127996/1-A
Matrix: Water
Analysis Batch: 128032

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Arsenic	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Barium	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:33	1
Beryllium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:33	1
Cadmium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:33	1
Chromium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Cobalt	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:33	1
Copper	ND		0.020		mg/L		01/02/13 08:16	01/02/13 15:33	1
Lead	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:33	1
Nickel	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Silver	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:33	1
Thallium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Vanadium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:33	1
Zinc	ND		0.020		mg/L		01/02/13 08:16	01/02/13 15:33	1

Lab Sample ID: MB 720-127996/1-A
Matrix: Water
Analysis Batch: 128038

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.010		mg/L		01/02/13 08:16	01/02/13 16:50	1

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

Lab Sample ID: MB 720-127996/1-A
Matrix: Water
Analysis Batch: 128038

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.020		mg/L		01/02/13 08:16	01/02/13 16:50	1

Lab Sample ID: LCS 720-127996/2-A
Matrix: Water
Analysis Batch: 128032

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.956		mg/L		96	80 - 120
Arsenic	1.00	0.958		mg/L		96	80 - 120
Barium	1.00	0.958		mg/L		96	80 - 120
Beryllium	1.00	1.00		mg/L		100	80 - 120
Cadmium	1.00	0.904		mg/L		90	80 - 120
Chromium	1.00	0.988		mg/L		99	80 - 120
Cobalt	1.00	0.969		mg/L		97	80 - 120
Copper	1.00	1.01		mg/L		101	80 - 120
Lead	1.00	0.934		mg/L		93	80 - 120
Nickel	1.00	0.937		mg/L		94	80 - 120
Silver	0.500	0.488		mg/L		98	80 - 120
Thallium	1.00	0.965		mg/L		97	80 - 120
Vanadium	1.00	0.978		mg/L		98	80 - 120
Zinc	1.00	0.973		mg/L		97	80 - 120

Lab Sample ID: LCS 720-127996/2-A
Matrix: Water
Analysis Batch: 128038

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	1.00	0.999		mg/L		100	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120

Lab Sample ID: LCSD 720-127996/3-A
Matrix: Water
Analysis Batch: 128032

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.940		mg/L		94	80 - 120	2	20
Arsenic	1.00	0.933		mg/L		93	80 - 120	3	20
Barium	1.00	0.939		mg/L		94	80 - 120	2	20
Beryllium	1.00	0.980		mg/L		98	80 - 120	2	20
Cadmium	1.00	0.884		mg/L		88	80 - 120	2	20
Chromium	1.00	0.961		mg/L		96	80 - 120	3	20
Cobalt	1.00	0.947		mg/L		95	80 - 120	2	20
Copper	1.00	0.989		mg/L		99	80 - 120	2	20
Lead	1.00	0.915		mg/L		91	80 - 120	2	20
Nickel	1.00	0.919		mg/L		92	80 - 120	2	20
Silver	0.500	0.476		mg/L		95	80 - 120	3	20
Thallium	1.00	0.943		mg/L		94	80 - 120	2	20
Vanadium	1.00	0.955		mg/L		95	80 - 120	2	20
Zinc	1.00	0.948		mg/L		95	80 - 120	3	20

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

Lab Sample ID: LCSD 720-127996/3-A
Matrix: Water
Analysis Batch: 128038

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 127996

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum			1.00	0.984		mg/L		98	80 - 120	1	20
Selenium			1.00	0.985		mg/L		98	80 - 120	2	20

Lab Sample ID: MB 720-127847/1-C
Matrix: Water
Analysis Batch: 128032

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 127996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Arsenic	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Barium	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:46	1
Beryllium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:46	1
Cadmium	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:46	1
Chromium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Cobalt	ND		0.0020		mg/L		01/02/13 08:16	01/02/13 15:46	1
Copper	ND		0.020		mg/L		01/02/13 08:16	01/02/13 15:46	1
Lead	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:46	1
Nickel	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Silver	ND		0.0050		mg/L		01/02/13 08:16	01/02/13 15:46	1
Thallium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Vanadium	ND		0.010		mg/L		01/02/13 08:16	01/02/13 15:46	1
Zinc	ND		0.020		mg/L		01/02/13 08:16	01/02/13 15:46	1

Lab Sample ID: MB 720-127847/1-C
Matrix: Water
Analysis Batch: 128038

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 127996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.010		mg/L		01/02/13 08:16	01/02/13 17:03	1
Selenium	ND		0.020		mg/L		01/02/13 08:16	01/02/13 17:03	1

Lab Sample ID: 720-46900-7 MS
Matrix: Water
Analysis Batch: 128032

Client Sample ID: WATER 1
Prep Type: Dissolved
Prep Batch: 127996

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		1.00	0.951		mg/L		94	75 - 125
Arsenic	ND		1.00	0.960		mg/L		96	75 - 125
Barium	0.20		1.00	1.15		mg/L		95	75 - 125
Beryllium	ND		1.00	1.01		mg/L		101	75 - 125
Cadmium	ND		1.00	0.887		mg/L		89	75 - 125
Chromium	ND		1.00	0.999		mg/L		100	75 - 125
Cobalt	ND		1.00	0.964		mg/L		96	75 - 125
Copper	ND		1.00	1.03		mg/L		102	75 - 125
Lead	ND		1.00	0.920		mg/L		92	75 - 125
Nickel	ND		1.00	0.926		mg/L		92	75 - 125
Silver	ND		0.500	0.486		mg/L		97	75 - 125
Thallium	ND		1.00	0.941		mg/L		94	75 - 125
Vanadium	ND		1.00	0.989		mg/L		99	75 - 125

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

Lab Sample ID: 720-46900-7 MS — **Client Sample ID: WATER 1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 128032 — **Prep Batch: 127996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.066		1.00	1.03		mg/L		96	75 - 125

Lab Sample ID: 720-46900-7 MS — **Client Sample ID: WATER 1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 128038 — **Prep Batch: 127996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	ND		1.00	0.987		mg/L		98	75 - 125
Selenium	ND		1.00	0.979		mg/L		98	75 - 125

Lab Sample ID: 720-46900-7 MSD — **Client Sample ID: WATER 1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 128032 — **Prep Batch: 127996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		1.00	0.946		mg/L		94	75 - 125	0	20
Arsenic	ND		1.00	0.953		mg/L		95	75 - 125	1	20
Barium	0.20		1.00	1.14		mg/L		95	75 - 125	1	20
Beryllium	ND		1.00	1.01		mg/L		101	75 - 125	0	20
Cadmium	ND		1.00	0.880		mg/L		88	75 - 125	1	20
Chromium	ND		1.00	0.994		mg/L		99	75 - 125	0	20
Cobalt	ND		1.00	0.957		mg/L		96	75 - 125	1	20
Copper	ND		1.00	1.02		mg/L		101	75 - 125	1	20
Lead	ND		1.00	0.916		mg/L		92	75 - 125	0	20
Nickel	ND		1.00	0.920		mg/L		92	75 - 125	1	20
Silver	ND		0.500	0.483		mg/L		97	75 - 125	1	20
Thallium	ND		1.00	0.935		mg/L		93	75 - 125	1	20
Vanadium	ND		1.00	0.986		mg/L		98	75 - 125	0	20
Zinc	0.066		1.00	1.02		mg/L		95	75 - 125	1	20

Lab Sample ID: 720-46900-7 MSD — **Client Sample ID: WATER 1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 128038 — **Prep Batch: 127996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum	ND		1.00	0.976		mg/L		97	75 - 125	1	20
Selenium	ND		1.00	0.967		mg/L		97	75 - 125	1	20

Lab Sample ID: LB 720-127881/1-B LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 128007 — **Prep Batch: 127928**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.13		mg/L		12/29/12 15:48	12/31/12 18:20	2.5

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

Lab Sample ID: LB4 720-127867/1-B LB4
Matrix: Solid
Analysis Batch: 127977

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 127969

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.13		mg/L		12/31/12 14:11	12/31/12 15:06	2.5

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 720-127861/2-A
Matrix: Water
Analysis Batch: 127899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127861

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0100	0.0108		mg/L		108	85 - 115		

Lab Sample ID: LCSD 720-127861/3-A
Matrix: Water
Analysis Batch: 127899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127861

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.0107		mg/L		107	85 - 115	1	20

Lab Sample ID: MB 720-127847/1-B
Matrix: Water
Analysis Batch: 127899

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 127861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/28/12 11:17	12/28/12 17:22	1

Lab Sample ID: 720-46900-7 MS
Matrix: Water
Analysis Batch: 127899

Client Sample ID: WATER 1
Prep Type: Dissolved
Prep Batch: 127861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0100	0.0103		mg/L		103	70 - 130		

Lab Sample ID: 720-46900-7 MSD
Matrix: Water
Analysis Batch: 127899

Client Sample ID: WATER 1
Prep Type: Dissolved
Prep Batch: 127861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0111		mg/L		111	70 - 130	7	20

GC/MS VOA

Analysis Batch: 127764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-127764/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-127764/9	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-127764/10	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-127764/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-127764/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 127794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-127794/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-127794/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-127794/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 127851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Silica Gel Cleanup	Water	8015B	127794
LCS 720-127794/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	127794
LCSD 720-127794/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	127794
MB 720-127794/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	127794

Metals

Prep Batch: 127825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	Total/NA	Solid	3050B	
LCS 720-127825/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-127825/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-127825/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-127825/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 127861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Dissolved	Water	7470A	
720-46900-7 MS	WATER 1	Dissolved	Water	7470A	
720-46900-7 MSD	WATER 1	Dissolved	Water	7470A	
LCS 720-127861/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-127861/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-127847/1-B	Method Blank	Dissolved	Water	7470A	

Analysis Batch: 127865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	Total/NA	Solid	6010B	127825
LCS 720-127825/2-A	Lab Control Sample	Total/NA	Solid	6010B	127825

Metals (Continued)

Analysis Batch: 127865 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-127825/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	127825
LCSSRM 720-127825/25-A	Lab Control Sample	Total/NA	Solid	6010B	127825
MB 720-127825/1-A	Method Blank	Total/NA	Solid	6010B	127825

Leach Batch: 127867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	STLC Citrate	Solid	CA WET Citrate	
LB4 720-127867/1-B LB4	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 127881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	TCLP	Solid	1311	
LB 720-127881/1-B LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 127899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Dissolved	Water	7470A	127861
720-46900-7 MS	WATER 1	Dissolved	Water	7470A	127861
720-46900-7 MSD	WATER 1	Dissolved	Water	7470A	127861
LCS 720-127861/2-A	Lab Control Sample	Total/NA	Water	7470A	127861
LCSD 720-127861/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	127861
MB 720-127847/1-B	Method Blank	Dissolved	Water	7470A	127861

Prep Batch: 127928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	TCLP	Solid	3010A	127881
LB 720-127881/1-B LB	Method Blank	TCLP	Solid	3010A	127881
LCS 720-127928/2-A	Lab Control Sample	Total/NA	Solid	3010A	
LCSD 720-127928/3-A	Lab Control Sample Dup	Total/NA	Solid	3010A	
MB 720-127928/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 127969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	STLC Citrate	Solid	3005A	127867
LB4 720-127867/1-B LB4	Method Blank	STLC Citrate	Solid	3005A	127867
LCS 720-127969/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	
LCSD 720-127969/3-A	Lab Control Sample Dup	Total Recoverable	Solid	3005A	
MB 720-127969/1-A	Method Blank	Total Recoverable	Solid	3005A	

Analysis Batch: 127977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	STLC Citrate	Solid	6010B	127969
LB4 720-127867/1-B LB4	Method Blank	STLC Citrate	Solid	6010B	127969
LCS 720-127969/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	127969
LCSD 720-127969/3-A	Lab Control Sample Dup	Total Recoverable	Solid	6010B	127969
MB 720-127969/1-A	Method Blank	Total Recoverable	Solid	6010B	127969

Prep Batch: 127996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Dissolved	Water	3005A	
720-46900-7 MS	WATER 1	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 127996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7 MSD	WATER 1	Dissolved	Water	3005A	
LCS 720-127996/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-127996/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-127847/1-C	Method Blank	Dissolved	Water	3005A	
MB 720-127996/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 128007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-6	SP-2A,B,C,D	TCLP	Solid	6010B	127928
LB 720-127881/1-B LB	Method Blank	TCLP	Solid	6010B	127928
LCS 720-127928/2-A	Lab Control Sample	Total/NA	Solid	6010B	127928
LCSD 720-127928/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	127928
MB 720-127928/1-A	Method Blank	Total/NA	Solid	6010B	127928

Analysis Batch: 128032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Dissolved	Water	6010B	127996
720-46900-7 MS	WATER 1	Dissolved	Water	6010B	127996
720-46900-7 MSD	WATER 1	Dissolved	Water	6010B	127996
LCS 720-127996/2-A	Lab Control Sample	Total Recoverable	Water	6010B	127996
LCSD 720-127996/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	127996
MB 720-127847/1-C	Method Blank	Dissolved	Water	6010B	127996
MB 720-127996/1-A	Method Blank	Total Recoverable	Water	6010B	127996

Analysis Batch: 128038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46900-7	WATER 1	Dissolved	Water	6010B	127996
720-46900-7 MS	WATER 1	Dissolved	Water	6010B	127996
720-46900-7 MSD	WATER 1	Dissolved	Water	6010B	127996
LCS 720-127996/2-A	Lab Control Sample	Total Recoverable	Water	6010B	127996
LCSD 720-127996/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	127996
MB 720-127847/1-C	Method Blank	Dissolved	Water	6010B	127996
MB 720-127996/1-A	Method Blank	Total Recoverable	Water	6010B	127996

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Client Sample ID: SP-2A,B,C,D

Lab Sample ID: 720-46900-6

Date Collected: 12/27/12 10:10

Matrix: Solid

Date Received: 12/27/12 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127825	12/27/12 18:22	CDT	TAL SF
Total/NA	Analysis	6010B		4	127865	12/28/12 10:50	EFH	TAL SF
STLC Citrate	Leach	CA WET Citrate			127867	12/29/12 10:10	CDT	TAL SF
STLC Citrate	Prep	3005A			127969	12/31/12 14:11	ASB	TAL SF
STLC Citrate	Analysis	6010B		2.5	127977	12/31/12 16:11	SK	TAL SF
TCLP	Leach	1311			127881	12/28/12 19:13	ET	TAL SF
TCLP	Prep	3010A			127928	12/29/12 15:48	ASB	TAL SF
TCLP	Analysis	6010B		2.5	128007	12/31/12 19:22	SK	TAL SF

Client Sample ID: WATER 1

Lab Sample ID: 720-46900-7

Date Collected: 12/27/12 09:00

Matrix: Water

Date Received: 12/27/12 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	127764	12/27/12 13:58	AC	TAL SF
Silica Gel Cleanup	Prep	3510C SGC			127794	12/27/12 14:16	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	127851	12/28/12 11:02	DH	TAL SF
Dissolved	Prep	7470A			127861	12/28/12 11:17	ET	TAL SF
Dissolved	Analysis	7470A		1	127899	12/28/12 17:29	SK	TAL SF
Dissolved	Prep	3005A			127996	01/02/13 08:16	ET	TAL SF
Dissolved	Analysis	6010B		1	128032	01/02/13 15:58	CAM	TAL SF
Dissolved	Analysis	6010B		1	128038	01/02/13 17:16	CAM	TAL SF

Laboratory References:

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

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Buena Vista

TestAmerica Job ID: 720-46900-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-46900-6	SP-2A,B,C,D	Solid	12/27/12 10:10	12/27/12 12:20
720-46900-7	WATER 1	Water	12/27/12 09:00	12/27/12 12:20

CORNERSTONE EARTH GROUP

Chain of Custody Record

720-46900

143193

1/3/2013

	Project Manager: Peter Langtry	Site Contact:	Date: 12/27/12
Cornerstone Earth Group, Inc.	Tel/Fax:	Lab Contact:	Carrier:
1259 Oakmead Parkway	Analysis Turnaround Time		
Sunnyvale, California 94085			
(408) 245-4600 Phone	TAT if different from Below ____		
(408) 245-4620 FAX	☐ 1 week		
Project Name: Buena Vista	☒ 3 days		
Site:	☐ 2 days		
Project Number: 557-1-4	☒ 1 day		

COC No: 1 of 1 COCs

Laboratory's Job No.

Bill [redacted]

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Lead	STLC	TCLP	TPH diesel + Motor oil (Silica Gel)	TPH gasoline/VOCs (8260)	Cam 17 metals	Laboratory's Sample Specific Notes:
CS-6	12/27/12	1000 AM		soil	1		X						← 24-hour
SP-2A,B,C,D	12/27/12	1010 AM		soil	4		X	X	X				← 3-Day Composite 4:1
Water 1	12/27/12	9:00 AM		water	6					X	X	X	← 3-Day Filter + preserve Metals

RUSH

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:
Email CS-6 results to Brad Lacour - blacour@trident-partners.com

8-32° 4 hrs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	CEG	12/27/12 1220			12-27-12 1220
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-46900-1

Login Number: 46900

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

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.	True	
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	

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: 720-46773-2
Client Project/Site: Chipman Storage

For:
Cornerstone Earth Group
1270 Springbrook Road, Suite 101
Walnut Creek, California 94597

Attn: Peter Langtry

Authorized for release by:
1/3/2013 3:36:26 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

Table of Contents

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-46773-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-46773-2

Comments
No additional comments.

Receipt
The samples were received on 12/19/2012 12:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.6º C.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Client Sample ID: COMPOSITE -1 **Lab Sample ID: 720-46773-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		0.13		mg/L	2.5		6010B	STLC Citrate

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Method: 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		0.13		mg/L		12/26/12 07:56	12/27/12 16:26	2.5

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-127699/1-A
Matrix: Solid
Analysis Batch: 127737

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 127699

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		12/26/12 07:56	12/26/12 14:07	1

Lab Sample ID: LCS 720-127699/2-A
Matrix: Solid
Analysis Batch: 127737

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 127699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.970		mg/L		97	80 - 120

Lab Sample ID: LCSD 720-127699/3-A
Matrix: Solid
Analysis Batch: 127737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 127699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.980		mg/L		98	80 - 120	1	20

Lab Sample ID: LB4 720-127583/1-E LB4
Matrix: Solid
Analysis Batch: 127737

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 127699

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.13		mg/L		12/26/12 07:56	12/26/12 14:20	2.5

QC Association Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Metals

Leach Batch: 127583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	STLC Citrate	Solid	CA WET Citrate	
LB4 720-127583/1-E LB4	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 127699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	STLC Citrate	Solid	3005A	127583
LB4 720-127583/1-E LB4	Method Blank	STLC Citrate	Solid	3005A	127583
LCS 720-127699/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	
LCSD 720-127699/3-A	Lab Control Sample Dup	Total Recoverable	Solid	3005A	
MB 720-127699/1-A	Method Blank	Total Recoverable	Solid	3005A	

Analysis Batch: 127737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB4 720-127583/1-E LB4	Method Blank	STLC Citrate	Solid	6010B	127699
LCS 720-127699/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	127699
LCSD 720-127699/3-A	Lab Control Sample Dup	Total Recoverable	Solid	6010B	127699
MB 720-127699/1-A	Method Blank	Total Recoverable	Solid	6010B	127699

Analysis Batch: 127817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	STLC Citrate	Solid	6010B	127699

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			127583	12/22/12 10:31	ASB	TAL SF
STLC Citrate	Prep	3005A			127699	12/26/12 07:56	ET	TAL SF
STLC Citrate	Analysis	6010B		2.5	127817	12/27/12 16:26	EFH	TAL SF

Laboratory References:

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

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-46773-5	COMPOSITE -1	Solid	12/19/12 11:20	12/19/12 12:43

720-46773-2

Sharma, Dimple

From: Peter Langtry [plangtry@cornerstoneearth.com]
Sent: Wednesday, January 02, 2013 9:00 AM
To: Sharma, Dimple
Subject: RE: Files from 720-46773-1 Chipman Storage

Hello Dimple, please analyze the STLC extract for lead on a 48 hour response.

Thanks.

Sincerely,

Peter Langtry, P.G., C.E.G.
Principal Geologist

CEG_logo_RGB

1270 Springbrook Road, Suite 101 | Walnut Creek, CA 94597
T 925-988-9500, Ext. 11 | F 925-988-9501
C 925.817.8814
E plangtry@cornerstoneearth.com

From: Sharma, Dimple [mailto:dimple.sharma@testamericainc.com]
Sent: Thursday, December 27, 2012 4:51 PM
To: Peter Langtry
Subject: Files from 720-46773-1 Chipman Storage

DIMPLE SHARMA

TestAmerica Pleasanton
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484.1919
www.testamericainc.com

RUSH

Reference: [119783]
Attachments: 2

Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-46773-2

Login Number: 46773

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Apostol, Anita

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.	True	
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	

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: 720-46773-1
Client Project/Site: Chipman Storage

For:
Cornerstone Earth Group
1270 Springbrook Road, Suite 101
Walnut Creek, California 94597

Attn: Peter Langtry

Authorized for release by:
12/27/2012 4:46:48 PM
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Designee for

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-46773-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-46773-1

Comments
No additional comments.

Receipt
The samples were received on 12/19/2012 12:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.6º C.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following sample was diluted due to the abundance of non-target analytes: 6 (720-46785-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Client Sample ID: COMPOSITE -1 — Lab Sample ID: 720-46773-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.1		0.99		mg/Kg	1		8015B	Silica Gel Cleanup
Barium	130		1.9		mg/Kg	4		6010B	Total/NA
Chromium	39		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	4.9		0.75		mg/Kg	4		6010B	Total/NA
Copper	12		5.6		mg/Kg	4		6010B	Total/NA
Lead	110		1.9		mg/Kg	4		6010B	Total/NA
Nickel	19		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	30		1.9		mg/Kg	4		6010B	Total/NA
Zinc	75		5.6		mg/Kg	4		6010B	Total/NA
Mercury	0.079		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-4 — Lab Sample ID: 720-46773-6

No Detections

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

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

Client Sample ID: SP-4
Date Collected: 12/19/12 11:23
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Acetone	ND		43		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Benzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Dichlorobromomethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Bromobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chlorobromomethane	ND		17		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Bromoform	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Bromomethane	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
2-Butanone (MEK)	ND		43		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
n-Butylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
sec-Butylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
tert-Butylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Carbon disulfide	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Carbon tetrachloride	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chloroethane	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chloroform	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chloromethane	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
2-Chlorotoluene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
4-Chlorotoluene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Chlorodibromomethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2-Dichlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,3-Dichlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,4-Dichlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,3-Dichloropropane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1-Dichloropropene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2-Dibromo-3-Chloropropane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Ethylene Dibromide	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Dibromomethane	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Dichlorodifluoromethane	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1-Dichloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2-Dichloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1-Dichloroethene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
cis-1,2-Dichloroethene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
trans-1,2-Dichloroethene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2-Dichloropropane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
cis-1,3-Dichloropropene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
trans-1,3-Dichloropropene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Ethylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Hexachlorobutadiene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
2-Hexanone	ND		43		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Isopropylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
4-Isopropyltoluene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Methylene Chloride	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		43		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Naphthalene	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
N-Propylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Styrene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1

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

Client Sample ID: SP-4
Date Collected: 12/19/12 11:23
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Tetrachloroethene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Toluene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1,1-Trichloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1,2-Trichloroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Trichloroethene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Trichlorofluoromethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2,3-Trichloropropane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,2,4-Trimethylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
1,3,5-Trimethylbenzene	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Vinyl acetate	ND		43		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Vinyl chloride	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
Xylenes, Total	ND		8.5		ug/Kg		12/19/12 18:45	12/20/12 17:18	1
2,2-Dichloropropane	ND		4.3		ug/Kg		12/19/12 18:45	12/20/12 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*45 - 131*	*12/19/12 18:45*	*12/20/12 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*78*		*60 - 140*	*12/19/12 18:45*	*12/20/12 17:18*	*1*
Toluene-d8 (Surr)	*106*		*58 - 140*	*12/19/12 18:45*	*12/20/12 17:18*	*1*

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Chlorophenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzyl alcohol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Methylphenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Hexachloroethane	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Nitrobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Isophorone	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Nitrophenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Naphthalene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Chloroaniline	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Hexachlorobutadiene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Methylnaphthalene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Chloronaphthalene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Nitroaniline	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Dimethyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Acenaphthylene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
3-Nitroaniline	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Acenaphthene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Nitrophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Dibenzofuran	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Diethyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Fluorene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Nitroaniline	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Hexachlorobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Pentachlorophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Phenanthrene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Anthracene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Pyrene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzo[a]anthracene	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Chrysene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzo[a]pyrene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Benzoic acid	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Azobenzene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		12/22/12 10:49	12/26/12 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*63*		*21 - 98*	*12/22/12 10:49*	*12/26/12 19:33*	*1*
2-Fluorobiphenyl	*72*		*30 - 112*	*12/22/12 10:49*	*12/26/12 19:33*	*1*
Terphenyl-d14	*76*		*32 - 117*	*12/22/12 10:49*	*12/26/12 19:33*	*1*
2-Fluorophenol	*62*		*28 - 98*	*12/22/12 10:49*	*12/26/12 19:33*	*1*
Phenol-d5	*67*		*23 - 101*	*12/22/12 10:49*	*12/26/12 19:33*	*1*
2,4,6-Tribromophenol	*81*		*37 - 114*	*12/22/12 10:49*	*12/26/12 19:33*	*1*

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

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

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.1**		0.99		mg/Kg		12/21/12 15:54	12/22/12 18:48	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/21/12 15:54	12/22/12 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.03*		*0 - 1*	*12/21/12 15:54*	*12/22/12 18:48*	*1*
p-Terphenyl	*94*		*38 - 148*	*12/21/12 15:54*	*12/22/12 18:48*	*1*

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Dieldrin	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endrin aldehyde	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endrin	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endrin ketone	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Heptachlor	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Heptachlor epoxide	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
4,4'-DDT	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
4,4'-DDE	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
4,4'-DDD	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endosulfan I	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endosulfan II	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
alpha-BHC	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
beta-BHC	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
delta-BHC	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Endosulfan sulfate	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Methoxychlor	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Toxaphene	ND		40		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
Chlordane (technical)	ND		40		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
alpha-Chlordane	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1
gamma-Chlordane	ND		2.0		ug/Kg		12/24/12 13:44	12/27/12 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*57 - 122*	*12/24/12 13:44*	*12/27/12 00:04*	*1*
DCB Decachlorobiphenyl	*123*		*21 - 136*	*12/24/12 13:44*	*12/27/12 00:04*	*1*

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Method: 6010B - Metals (ICP)

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Arsenic	ND		3.7		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Barium	**130**		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Beryllium	ND		0.37		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Cadmium	ND		0.47		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Chromium	**39**		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Cobalt	**4.9**		0.75		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Copper	**12**		5.6		mg/Kg		12/19/12 16:16	12/26/12 13:53	4
Lead	**110**		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Molybdenum	ND		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Nickel	**19**		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Selenium	ND		3.7		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Silver	ND		0.93		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Thallium	ND		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Vanadium	**30**		1.9		mg/Kg		12/19/12 16:16	12/22/12 00:35	4
Zinc	**75**		5.6		mg/Kg		12/19/12 16:16	12/22/12 00:35	4

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: COMPOSITE -1
Date Collected: 12/19/12 11:20
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46773-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.079		0.010		mg/Kg		12/21/12 10:24	12/22/12 13:59	1

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

Lab Sample ID: MB 720-127481/1-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Acetone	ND		50		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Benzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Dichlorobromomethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Bromobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chlorobromomethane	ND		20		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Bromoform	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Bromomethane	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
2-Butanone (MEK)	ND		50		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
n-Butylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
sec-Butylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
tert-Butylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Carbon disulfide	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Carbon tetrachloride	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chloroethane	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chloroform	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chloromethane	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
2-Chlorotoluene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
4-Chlorotoluene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Chlorodibromomethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,3-Dichloropropane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1-Dichloropropene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Ethylene Dibromide	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Dibromomethane	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Dichlorodifluoromethane	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1-Dichloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2-Dichloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1-Dichloroethene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2-Dichloropropane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Ethylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Hexachlorobutadiene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
2-Hexanone	ND		50		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Isopropylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
4-Isopropyltoluene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Methylene Chloride	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Naphthalene	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
N-Propylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Styrene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1

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

Lab Sample ID: MB 720-127481/1-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Tetrachloroethene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Toluene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Trichloroethene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Trichlorofluoromethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Vinyl acetate	ND		50		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Vinyl chloride	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
Xylenes, Total	ND		10		ug/Kg		12/20/12 07:00	12/20/12 11:41	1
2,2-Dichloropropane	ND		5.0		ug/Kg		12/20/12 07:00	12/20/12 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*85*		*45 - 131*	*12/20/12 07:00*	*12/20/12 11:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 140*	*12/20/12 07:00*	*12/20/12 11:41*	*1*
Toluene-d8 (Surr)	*96*		*58 - 140*	*12/20/12 07:00*	*12/20/12 11:41*	*1*

Lab Sample ID: LCS 720-127481/2-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	52.0		ug/Kg		104	70 - 144
Acetone	250	247		ug/Kg		99	30 - 162
Benzene	50.0	51.8		ug/Kg		104	70 - 130
Dichlorobromomethane	50.0	52.2		ug/Kg		104	70 - 131
Bromobenzene	50.0	51.2		ug/Kg		102	70 - 130
Chlorobromomethane	50.0	54.5		ug/Kg		109	70 - 130
Bromoform	50.0	50.0		ug/Kg		100	59 - 158
Bromomethane	50.0	47.0		ug/Kg		94	59 - 132
2-Butanone (MEK)	250	230		ug/Kg		92	53 - 124
n-Butylbenzene	50.0	54.5		ug/Kg		109	70 - 142
sec-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 136
tert-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 130
Carbon disulfide	50.0	46.2		ug/Kg		92	60 - 140
Carbon tetrachloride	50.0	52.7		ug/Kg		105	70 - 138
Chlorobenzene	50.0	49.2		ug/Kg		98	70 - 130
Chloroethane	50.0	47.9		ug/Kg		96	65 - 130
Chloroform	50.0	52.0		ug/Kg		104	77 - 127
Chloromethane	50.0	42.3		ug/Kg		85	55 - 140
2-Chlorotoluene	50.0	56.9		ug/Kg		114	70 - 138

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

Lab Sample ID: LCS 720-127481/2-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	55.2		ug/Kg		110	70 - 136
Chlorodibromomethane	50.0	55.9		ug/Kg		112	70 - 146
1,2-Dichlorobenzene	50.0	50.1		ug/Kg		100	70 - 130
1,3-Dichlorobenzene	50.0	51.3		ug/Kg		103	70 - 131
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130
1,3-Dichloropropane	50.0	53.9		ug/Kg		108	70 - 140
1,1-Dichloropropene	50.0	56.4		ug/Kg		113	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.3		ug/Kg		101	60 - 145
Ethylene Dibromide	50.0	55.1		ug/Kg		110	70 - 140
Dibromomethane	50.0	53.2		ug/Kg		106	70 - 139
Dichlorodifluoromethane	50.0	29.8		ug/Kg		60	37 - 158
1,1-Dichloroethane	50.0	52.7		ug/Kg		105	70 - 130
1,2-Dichloroethane	50.0	53.5		ug/Kg		107	70 - 130
1,1-Dichloroethene	50.0	50.9		ug/Kg		102	76 - 122
cis-1,2-Dichloroethene	50.0	57.0		ug/Kg		114	70 - 138
trans-1,2-Dichloroethene	50.0	50.9		ug/Kg		102	67 - 130
1,2-Dichloropropane	50.0	53.7		ug/Kg		107	73 - 127
cis-1,3-Dichloropropene	50.0	55.0		ug/Kg		110	68 - 147
trans-1,3-Dichloropropene	50.0	57.5		ug/Kg		115	70 - 136
Ethylbenzene	50.0	51.3		ug/Kg		103	80 - 137
Hexachlorobutadiene	50.0	50.2		ug/Kg		100	70 - 132
2-Hexanone	250	252		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	51.8		ug/Kg		104	88 - 128
4-Isopropyltoluene	50.0	51.2		ug/Kg		102	70 - 133
Methylene Chloride	50.0	50.9		ug/Kg		102	70 - 134
4-Methyl-2-pentanone (MIBK)	250	268		ug/Kg		107	60 - 160
Naphthalene	50.0	56.9		ug/Kg		114	60 - 147
N-Propylbenzene	50.0	52.7		ug/Kg		105	70 - 130
Styrene	50.0	52.9		ug/Kg		106	70 - 130
1,1,1,2-Tetrachloroethane	50.0	50.0		ug/Kg		100	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	52.4		ug/Kg		105	70 - 132
Toluene	50.0	48.9		ug/Kg		98	80 - 128
1,2,3-Trichlorobenzene	50.0	48.8		ug/Kg		98	60 - 140
1,2,4-Trichlorobenzene	50.0	53.9		ug/Kg		108	60 - 140
1,1,1-Trichloroethane	50.0	52.8		ug/Kg		106	70 - 130
1,1,2-Trichloroethane	50.0	53.4		ug/Kg		107	70 - 130
Trichloroethene	50.0	51.6		ug/Kg		103	70 - 133
Trichlorofluoromethane	50.0	48.2		ug/Kg		96	60 - 140
1,2,3-Trichloropropane	50.0	53.5		ug/Kg		107	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.1		ug/Kg		102	60 - 140
1,2,4-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 130
1,3,5-Trimethylbenzene	50.0	51.0		ug/Kg		102	70 - 131
Vinyl acetate	50.0	62.2		ug/Kg		124	38 - 176
Vinyl chloride	50.0	42.5		ug/Kg		85	58 - 125
m-Xylene & p-Xylene	100	109		ug/Kg		109	70 - 146
o-Xylene	50.0	51.7		ug/Kg		103	70 - 140

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

Lab Sample ID: LCS 720-127481/2-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127481

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,2-Dichloropropane			50.0	59.8		ug/Kg		120	70 - 162		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 140*
Toluene-d8 (Surr)	*108*		*58 - 140*

Lab Sample ID: LCSD 720-127481/3-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	52.5		ug/Kg		105	70 - 144	1	20
Acetone			250	218		ug/Kg		87	30 - 162	12	30
Benzene			50.0	50.7		ug/Kg		101	70 - 130	2	20
Dichlorobromomethane			50.0	51.1		ug/Kg		102	70 - 131	2	20
Bromobenzene			50.0	51.7		ug/Kg		103	70 - 130	1	20
Chlorobromomethane			50.0	54.7		ug/Kg		109	70 - 130	0	20
Bromoform			50.0	51.5		ug/Kg		103	59 - 158	3	20
Bromomethane			50.0	45.9		ug/Kg		92	59 - 132	3	20
2-Butanone (MEK)			250	215		ug/Kg		86	53 - 124	7	20
n-Butylbenzene			50.0	53.0		ug/Kg		106	70 - 142	3	20
sec-Butylbenzene			50.0	48.7		ug/Kg		97	70 - 136	3	20
tert-Butylbenzene			50.0	50.7		ug/Kg		101	70 - 130	1	20
Carbon disulfide			50.0	44.5		ug/Kg		89	60 - 140	4	20
Carbon tetrachloride			50.0	52.5		ug/Kg		105	70 - 138	0	20
Chlorobenzene			50.0	49.4		ug/Kg		99	70 - 130	0	20
Chloroethane			50.0	45.8		ug/Kg		92	65 - 130	5	20
Chloroform			50.0	51.0		ug/Kg		102	77 - 127	2	20
Chloromethane			50.0	39.9		ug/Kg		80	55 - 140	6	20
2-Chlorotoluene			50.0	54.5		ug/Kg		109	70 - 138	4	20
4-Chlorotoluene			50.0	53.7		ug/Kg		107	70 - 136	3	20
Chlorodibromomethane			50.0	57.4		ug/Kg		115	70 - 146	3	20
1,2-Dichlorobenzene			50.0	50.3		ug/Kg		101	70 - 130	1	20
1,3-Dichlorobenzene			50.0	50.9		ug/Kg		102	70 - 131	1	20
1,4-Dichlorobenzene			50.0	49.4		ug/Kg		99	70 - 130	1	20
1,3-Dichloropropane			50.0	53.3		ug/Kg		107	70 - 140	1	20
1,1-Dichloropropene			50.0	54.5		ug/Kg		109	70 - 130	3	20
1,2-Dibromo-3-Chloropropane			50.0	54.9		ug/Kg		110	60 - 145	9	20
Ethylene Dibromide			50.0	56.4		ug/Kg		113	70 - 140	2	20
Dibromomethane			50.0	52.8		ug/Kg		106	70 - 139	1	20
Dichlorodifluoromethane			50.0	29.9		ug/Kg		60	37 - 158	0	20
1,1-Dichloroethane			50.0	50.9		ug/Kg		102	70 - 130	3	20
1,2-Dichloroethane			50.0	52.3		ug/Kg		105	70 - 130	2	20
1,1-Dichloroethene			50.0	50.8		ug/Kg		102	76 - 122	0	20
cis-1,2-Dichloroethene			50.0	54.1		ug/Kg		108	70 - 138	5	20
trans-1,2-Dichloroethene			50.0	50.6		ug/Kg		101	67 - 130	1	20
1,2-Dichloropropane			50.0	52.6		ug/Kg		105	73 - 127	2	20

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

Lab Sample ID: LCSD 720-127481/3-A
Matrix: Solid
Analysis Batch: 127452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	54.9		ug/Kg		110	68 - 147	0	20
trans-1,3-Dichloropropene			50.0	56.8		ug/Kg		114	70 - 136	1	20
Ethylbenzene			50.0	50.9		ug/Kg		102	80 - 137	1	20
Hexachlorobutadiene			50.0	50.3		ug/Kg		101	70 - 132	0	20
2-Hexanone			250	253		ug/Kg		101	44 - 133	0	20
Isopropylbenzene			50.0	52.3		ug/Kg		105	88 - 128	1	20
4-Isopropyltoluene			50.0	50.6		ug/Kg		101	70 - 133	1	20
Methylene Chloride			50.0	50.3		ug/Kg		101	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)			250	264		ug/Kg		106	60 - 160	1	20
Naphthalene			50.0	57.5		ug/Kg		115	60 - 147	1	20
N-Propylbenzene			50.0	50.6		ug/Kg		101	70 - 130	4	20
Styrene			50.0	52.9		ug/Kg		106	70 - 130	0	20
1,1,1,2-Tetrachloroethane			50.0	50.6		ug/Kg		101	70 - 130	1	20
1,1,2,2-Tetrachloroethane			50.0	48.7		ug/Kg		97	70 - 146	3	20
Tetrachloroethene			50.0	53.3		ug/Kg		107	70 - 132	2	20
Toluene			50.0	48.3		ug/Kg		97	80 - 128	1	20
1,2,3-Trichlorobenzene			50.0	49.6		ug/Kg		99	60 - 140	2	20
1,2,4-Trichlorobenzene			50.0	54.5		ug/Kg		109	60 - 140	1	20
1,1,1-Trichloroethane			50.0	52.2		ug/Kg		104	70 - 130	1	20
1,1,2-Trichloroethane			50.0	53.5		ug/Kg		107	70 - 130	0	20
Trichloroethene			50.0	51.6		ug/Kg		103	70 - 133	0	20
Trichlorofluoromethane			50.0	47.3		ug/Kg		95	60 - 140	2	20
1,2,3-Trichloropropane			50.0	52.3		ug/Kg		105	70 - 146	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	51.4		ug/Kg		103	60 - 140	0	20
1,2,4-Trimethylbenzene			50.0	49.8		ug/Kg		100	70 - 130	1	20
1,3,5-Trimethylbenzene			50.0	49.7		ug/Kg		99	70 - 131	3	20
Vinyl acetate			50.0	59.6		ug/Kg		119	38 - 176	4	20
Vinyl chloride			50.0	41.2		ug/Kg		82	58 - 125	3	20
m-Xylene & p-Xylene			100	108		ug/Kg		108	70 - 146	1	20
o-Xylene			50.0	51.3		ug/Kg		103	70 - 140	1	20
2,2-Dichloropropane			50.0	57.1		ug/Kg		114	70 - 162	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*
Toluene-d8 (Surr)	*108*		*58 - 140*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-127616/1-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Chlorophenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-127616/1-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzyl alcohol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Methylphenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Hexachloroethane	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Nitrobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Isophorone	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Nitrophenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Naphthalene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Chloroaniline	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Hexachlorobutadiene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Methylnaphthalene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Chloronaphthalene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Nitroaniline	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Dimethyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Acenaphthylene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
3-Nitroaniline	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Acenaphthene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Nitrophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Dibenzofuran	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Diethyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Fluorene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Nitroaniline	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Hexachlorobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Pentachlorophenol	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Phenanthrene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Anthracene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Fluoranthene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-127616/1-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzo[a]anthracene	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Chrysene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzo[a]pyrene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Benzoic acid	ND		0.33		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Azobenzene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		12/22/12 10:49	12/26/12 15:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*21 - 98*	*12/22/12 10:49*	*12/26/12 15:09*	*1*
2-Fluorobiphenyl	*79*		*30 - 112*	*12/22/12 10:49*	*12/26/12 15:09*	*1*
Terphenyl-d14	*78*		*32 - 117*	*12/22/12 10:49*	*12/26/12 15:09*	*1*
2-Fluorophenol	*68*		*28 - 98*	*12/22/12 10:49*	*12/26/12 15:09*	*1*
Phenol-d5	*73*		*23 - 101*	*12/22/12 10:49*	*12/26/12 15:09*	*1*
2,4,6-Tribromophenol	*80*		*37 - 114*	*12/22/12 10:49*	*12/26/12 15:09*	*1*

Lab Sample ID: LCS 720-127616/2-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	1.66	1.26		mg/Kg		76	48 - 115
Bis(2-chloroethyl)ether	1.66	1.24		mg/Kg		75	45 - 115
2-Chlorophenol	1.66	1.26		mg/Kg		76	48 - 115
1,3-Dichlorobenzene	1.66	1.16		mg/Kg		70	41 - 115
1,4-Dichlorobenzene	1.66	1.11		mg/Kg		67	40 - 115
Benzyl alcohol	1.66	1.33		mg/Kg		80	54 - 115
1,2-Dichlorobenzene	1.66	1.17		mg/Kg		71	44 - 115
2-Methylphenol	1.66	1.29		mg/Kg		78	54 - 115
Methylphenol, 3 & 4	3.31	2.10		mg/Kg		63	42 - 115
N-Nitrosodi-n-propylamine	1.66	1.25		mg/Kg		75	46 - 115
Hexachloroethane	1.66	1.17		mg/Kg		71	44 - 115
Nitrobenzene	1.66	1.27		mg/Kg		76	48 - 115
Isophorone	1.66	1.33		mg/Kg		80	54 - 115
2-Nitrophenol	1.66	1.31		mg/Kg		79	48 - 115
2,4-Dimethylphenol	1.66	1.23		mg/Kg		74	52 - 115
Bis(2-chloroethoxy)methane	1.66	1.17		mg/Kg		71	46 - 115
2,4-Dichlorophenol	1.66	1.32		mg/Kg		80	49 - 100
1,2,4-Trichlorobenzene	1.66	1.24		mg/Kg		75	47 - 115

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-127616/2-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	1.66	1.18		mg/Kg		71	44 - 115
4-Chloroaniline	1.66	1.12		mg/Kg		68	30 - 115
Hexachlorobutadiene	1.66	1.13		mg/Kg		68	44 - 115
4-Chloro-3-methylphenol	1.66	1.31		mg/Kg		79	58 - 115
2-Methylnaphthalene	1.66	1.26		mg/Kg		76	49 - 115
Hexachlorocyclopentadiene	1.66	1.37		mg/Kg		83	42 - 132
2,4,6-Trichlorophenol	1.66	1.40		mg/Kg		85	45 - 115
2,4,5-Trichlorophenol	1.66	1.27		mg/Kg		77	48 - 115
2-Chloronaphthalene	1.66	1.28		mg/Kg		77	52 - 115
2-Nitroaniline	1.66	1.35		mg/Kg		82	54 - 115
Dimethyl phthalate	1.66	1.25		mg/Kg		76	64 - 119
Acenaphthylene	1.66	1.25		mg/Kg		75	61 - 129
3-Nitroaniline	1.66	1.17		mg/Kg		71	50 - 115
Acenaphthene	1.66	1.25		mg/Kg		75	50 - 115
2,4-Dinitrophenol	1.66	1.26		mg/Kg		76	15 - 115
4-Nitrophenol	1.66	1.40		mg/Kg		85	54 - 125
Dibenzofuran	1.66	1.28		mg/Kg		77	55 - 115
2,4-Dinitrotoluene	1.66	1.36		mg/Kg		82	57 - 115
2,6-Dinitrotoluene	1.66	1.40		mg/Kg		85	54 - 119
Diethyl phthalate	1.66	1.27		mg/Kg		77	49 - 117
4-Chlorophenyl phenyl ether	1.66	1.31		mg/Kg		79	57 - 115
Fluorene	1.66	1.25		mg/Kg		76	54 - 115
4-Nitroaniline	1.66	1.24		mg/Kg		75	59 - 115
2-Methyl-4,6-dinitrophenol	1.66	1.35		mg/Kg		82	39 - 115
N-Nitrosodiphenylamine	1.66	1.31		mg/Kg		79	56 - 115
4-Bromophenyl phenyl ether	1.66	1.28		mg/Kg		77	53 - 115
Hexachlorobenzene	1.66	1.33		mg/Kg		80	55 - 115
Pentachlorophenol	1.66	1.17		mg/Kg		71	35 - 115
Phenanthrene	1.66	1.22		mg/Kg		74	54 - 115
Anthracene	1.66	1.25		mg/Kg		75	55 - 115
Di-n-butyl phthalate	1.66	1.22		mg/Kg		73	55 - 115
Fluoranthene	1.66	1.26		mg/Kg		76	54 - 115
Pyrene	1.66	1.26		mg/Kg		76	48 - 115
Butyl benzyl phthalate	1.66	1.28		mg/Kg		77	53 - 115
3,3'-Dichlorobenzidine	1.66	1.23		mg/Kg		74	42 - 115
Benzo[a]anthracene	1.66	1.30		mg/Kg		78	55 - 115
Bis(2-ethylhexyl) phthalate	1.66	1.24		mg/Kg		75	53 - 115
Chrysene	1.66	1.25		mg/Kg		75	58 - 115
Di-n-octyl phthalate	1.66	1.31		mg/Kg		79	53 - 115
Benzo[b]fluoranthene	1.66	1.24		mg/Kg		75	56 - 115
Benzo[a]pyrene	1.66	1.28		mg/Kg		77	55 - 115
Benzo[k]fluoranthene	1.66	1.35		mg/Kg		81	57 - 115
Indeno[1,2,3-cd]pyrene	1.66	1.31		mg/Kg		79	56 - 115
Benzo[g,h,i]perylene	1.66	1.27		mg/Kg		77	56 - 115
Benzoic acid	1.66	1.29		mg/Kg		78	10 - 115
Azobenzene	1.66	1.19		mg/Kg		72	52 - 115
Dibenz(a,h)anthracene	1.66	1.29		mg/Kg		78	58 - 115

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-127616/2-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127616

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	*77*		*21 - 98*
2-Fluorobiphenyl	*79*		*30 - 112*
Terphenyl-d14	*81*		*32 - 117*
2-Fluorophenol	*75*		*28 - 98*
Phenol-d5	*80*		*23 - 101*
2,4,6-Tribromophenol	*84*		*37 - 114*

Lab Sample ID: LCSD 720-127616/3-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127616

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol			1.64	1.29		mg/Kg		79	48 - 115	3	35
Bis(2-chloroethyl)ether			1.64	1.26		mg/Kg		77	45 - 115	2	35
2-Chlorophenol			1.64	1.27		mg/Kg		78	48 - 115	1	35
1,3-Dichlorobenzene			1.64	1.20		mg/Kg		73	41 - 115	3	35
1,4-Dichlorobenzene			1.64	1.15		mg/Kg		70	40 - 115	4	35
Benzyl alcohol			1.64	1.35		mg/Kg		82	54 - 115	1	35
1,2-Dichlorobenzene			1.64	1.22		mg/Kg		74	44 - 115	4	35
2-Methylphenol			1.64	1.31		mg/Kg		80	54 - 115	2	35
Methylphenol, 3 & 4			3.28	2.14		mg/Kg		65	42 - 115	2	35
N-Nitrosodi-n-propylamine			1.64	1.27		mg/Kg		78	46 - 115	2	35
Hexachloroethane			1.64	1.22		mg/Kg		74	44 - 115	4	35
Nitrobenzene			1.64	1.26		mg/Kg		77	48 - 115	0	35
Isophorone			1.64	1.33		mg/Kg		81	54 - 115	0	35
2-Nitrophenol			1.64	1.32		mg/Kg		81	48 - 115	1	35
2,4-Dimethylphenol			1.64	1.21		mg/Kg		74	52 - 115	1	35
Bis(2-chloroethoxy)methane			1.64	1.16		mg/Kg		71	46 - 115	1	35
2,4-Dichlorophenol			1.64	1.33		mg/Kg		81	49 - 100	1	35
1,2,4-Trichlorobenzene			1.64	1.25		mg/Kg		76	47 - 115	1	35
Naphthalene			1.64	1.18		mg/Kg		72	44 - 115	0	35
4-Chloroaniline			1.64	1.12		mg/Kg		69	30 - 115	0	35
Hexachlorobutadiene			1.64	1.15		mg/Kg		70	44 - 115	1	35
4-Chloro-3-methylphenol			1.64	1.36		mg/Kg		83	58 - 115	4	35
2-Methylnaphthalene			1.64	1.26		mg/Kg		77	49 - 115	0	35
Hexachlorocyclopentadiene			1.64	1.34		mg/Kg		82	42 - 132	2	35
2,4,6-Trichlorophenol			1.64	1.34		mg/Kg		82	45 - 115	4	35
2,4,5-Trichlorophenol			1.64	1.32		mg/Kg		80	48 - 115	3	35
2-Chloronaphthalene			1.64	1.25		mg/Kg		76	52 - 115	2	35
2-Nitroaniline			1.64	1.33		mg/Kg		81	54 - 115	1	35
Dimethyl phthalate			1.64	1.23		mg/Kg		75	64 - 119	2	35
Acenaphthylene			1.64	1.24		mg/Kg		75	61 - 129	1	35
3-Nitroaniline			1.64	1.16		mg/Kg		71	50 - 115	1	35
Acenaphthene			1.64	1.23		mg/Kg		75	50 - 115	1	35
2,4-Dinitrophenol			1.64	1.25		mg/Kg		76	15 - 115	1	35
4-Nitrophenol			1.64	1.38		mg/Kg		84	54 - 125	2	35
Dibenzofuran			1.64	1.27		mg/Kg		77	55 - 115	1	35

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 720-127616/3-A
Matrix: Solid
Analysis Batch: 127706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127616

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene			1.64	1.38		mg/Kg		84	57 - 115	2	35
2,6-Dinitrotoluene			1.64	1.38		mg/Kg		84	54 - 119	2	35
Diethyl phthalate			1.64	1.27		mg/Kg		77	49 - 117	0	35
4-Chlorophenyl phenyl ether			1.64	1.27		mg/Kg		78	57 - 115	3	35
Fluorene			1.64	1.22		mg/Kg		75	54 - 115	3	35
4-Nitroaniline			1.64	1.20		mg/Kg		73	59 - 115	3	35
2-Methyl-4,6-dinitrophenol			1.64	1.37		mg/Kg		84	39 - 115	1	35
N-Nitrosodiphenylamine			1.64	1.28		mg/Kg		78	56 - 115	2	35
4-Bromophenyl phenyl ether			1.64	1.29		mg/Kg		79	53 - 115	1	35
Hexachlorobenzene			1.64	1.36		mg/Kg		83	55 - 115	2	35
Pentachlorophenol			1.64	1.14		mg/Kg		70	35 - 115	2	35
Phenanthrene			1.64	1.23		mg/Kg		75	54 - 115	1	35
Anthracene			1.64	1.27		mg/Kg		78	55 - 115	2	35
Di-n-butyl phthalate			1.64	1.22		mg/Kg		74	55 - 115	0	35
Fluoranthene			1.64	1.23		mg/Kg		75	54 - 115	2	35
Pyrene			1.64	1.26		mg/Kg		77	48 - 115	0	35
Butyl benzyl phthalate			1.64	1.27		mg/Kg		78	53 - 115	0	35
3,3'-Dichlorobenzidine			1.64	1.25		mg/Kg		76	42 - 115	1	35
Benzo[a]anthracene			1.64	1.29		mg/Kg		79	55 - 115	1	35
Bis(2-ethylhexyl) phthalate			1.64	1.23		mg/Kg		75	53 - 115	1	35
Chrysene			1.64	1.27		mg/Kg		77	58 - 115	1	35
Di-n-octyl phthalate			1.64	1.31		mg/Kg		80	53 - 115	0	35
Benzo[b]fluoranthene			1.64	1.27		mg/Kg		77	56 - 115	3	35
Benzo[a]pyrene			1.64	1.28		mg/Kg		78	55 - 115	0	35
Benzo[k]fluoranthene			1.64	1.31		mg/Kg		80	57 - 115	3	35
Indeno[1,2,3-cd]pyrene			1.64	1.33		mg/Kg		81	56 - 115	2	35
Benzo[g,h,i]perylene			1.64	1.31		mg/Kg		80	56 - 115	3	35
Benzoic acid			1.64	1.26		mg/Kg		77	10 - 115	2	35
Azobenzene			1.64	1.20		mg/Kg		73	52 - 115	1	35
Dibenz(a,h)anthracene			1.64	1.31		mg/Kg		80	58 - 115	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*79*		*21 - 98*
2-Fluorobiphenyl	*77*		*30 - 112*
Terphenyl-d14	*83*		*32 - 117*
2-Fluorophenol	*79*		*28 - 98*
Phenol-d5	*82*		*23 - 101*
2,4,6-Tribromophenol	*88*		*37 - 114*

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

Lab Sample ID: MB 720-127577/1-A
Matrix: Solid
Analysis Batch: 127614

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 127577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		12/21/12 15:54	12/22/12 15:24	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/21/12 15:54	12/22/12 15:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.003*		*0 - 1*	*12/21/12 15:54*	*12/22/12 15:24*	*1*
p-Terphenyl	*102*		*38 - 148*	*12/21/12 15:54*	*12/22/12 15:24*	*1*

Lab Sample ID: LCS 720-127577/2-A
Matrix: Solid
Analysis Batch: 127614

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 127577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.8	42.1		mg/Kg		51	36 - 112

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*116*		*38 - 148*

Lab Sample ID: LCSD 720-127577/3-A
Matrix: Solid
Analysis Batch: 127614

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 127577

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.1	38.1		mg/Kg		46	36 - 112	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*117*		*38 - 148*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-127673/1-A
Matrix: Solid
Analysis Batch: 127727

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Dieldrin	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Endrin aldehyde	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Endrin	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Endrin ketone	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Heptachlor	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Heptachlor epoxide	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
4,4'-DDT	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
4,4'-DDE	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
4,4'-DDD	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Endosulfan I	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1

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

Lab Sample ID: MB 720-127673/1-A
Matrix: Solid
Analysis Batch: 127727

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
alpha-BHC	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
beta-BHC	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
delta-BHC	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Endosulfan sulfate	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Methoxychlor	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Toxaphene	ND		39		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
Chlordane (technical)	ND		39		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
alpha-Chlordane	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1
gamma-Chlordane	ND		1.9		ug/Kg		12/24/12 13:44	12/26/12 18:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*57 - 122*	*12/24/12 13:44*	*12/26/12 18:50*	*1*
DCB Decachlorobiphenyl	*128*		*21 - 136*	*12/24/12 13:44*	*12/26/12 18:50*	*1*

Lab Sample ID: LCS 720-127673/2-A
Matrix: Solid
Analysis Batch: 127727

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.7	14.5		ug/Kg		87	65 - 120
Dieldrin	16.7	18.4		ug/Kg		111	72 - 120
Endrin aldehyde	16.7	16.9		ug/Kg		101	57 - 120
Endrin	16.7	18.5		ug/Kg		111	68 - 120
Endrin ketone	16.7	18.1		ug/Kg		109	67 - 120
Heptachlor	16.7	14.9		ug/Kg		90	69 - 120
Heptachlor epoxide	16.7	18.3		ug/Kg		110	68 - 120
4,4'-DDT	16.7	17.4		ug/Kg		104	51 - 120
4,4'-DDE	16.7	16.1		ug/Kg		96	70 - 120
4,4'-DDD	16.7	17.9		ug/Kg		107	69 - 120
Endosulfan I	16.7	18.4		ug/Kg		111	62 - 120
Endosulfan II	16.7	19.4		ug/Kg		116	65 - 120
alpha-BHC	16.7	14.2		ug/Kg		85	70 - 120
beta-BHC	16.7	17.1		ug/Kg		103	81 - 120
gamma-BHC (Lindane)	16.7	14.7		ug/Kg		88	72 - 120
delta-BHC	16.7	14.1		ug/Kg		85	74 - 120
Endosulfan sulfate	16.7	19.5		ug/Kg		117	67 - 120
Methoxychlor	16.7	20.1		ug/Kg		121	61 - 142
alpha-Chlordane	16.7	15.7		ug/Kg		94	70 - 120
gamma-Chlordane	16.7	15.5		ug/Kg		93	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*57 - 122*
DCB Decachlorobiphenyl	*132*		*21 - 136*

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

Lab Sample ID: LCSD 720-127673/3-A
Matrix: Solid
Analysis Batch: 127727

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127673

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	16.2	14.0		ug/Kg		86	65 - 120	3	20
Dieldrin	16.2	19.3		ug/Kg		119	72 - 120	5	20
Endrin aldehyde	16.2	19.0		ug/Kg		117	57 - 120	12	20
Endrin	16.2	15.7		ug/Kg		97	68 - 120	1	20
Endrin ketone	16.2	18.1		ug/Kg		112	67 - 120	0	20
Heptachlor	16.2	14.7		ug/Kg		91	69 - 120	1	20
Heptachlor epoxide	16.2	18.2		ug/Kg		112	68 - 120	1	20
4,4'-DDT	16.2	18.4		ug/Kg		114	51 - 120	6	20
4,4'-DDE	16.2	16.9		ug/Kg		104	70 - 120	5	20
4,4'-DDD	16.2	18.9		ug/Kg		117	69 - 120	6	20
Endosulfan I	16.2	18.9		ug/Kg		116	62 - 120	2	20
Endosulfan II	16.2	16.5		ug/Kg		102	65 - 120	1	35
alpha-BHC	16.2	13.9		ug/Kg		85	70 - 120	2	20
beta-BHC	16.2	17.1		ug/Kg		106	81 - 120	0	20
gamma-BHC (Lindane)	16.2	14.4		ug/Kg		89	72 - 120	2	20
delta-BHC	16.2	14.2		ug/Kg		87	74 - 120	1	20
Endosulfan sulfate	16.2	16.5		ug/Kg		102	67 - 120	2	20
Methoxychlor	16.2	21.6		ug/Kg		133	61 - 142	7	20
alpha-Chlordane	16.2	15.7		ug/Kg		97	70 - 120	0	20
gamma-Chlordane	16.2	15.7		ug/Kg		97	68 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*57 - 122*
DCB Decachlorobiphenyl	*133*		*21 - 136*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-127414/1-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Arsenic	ND		1.0		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Barium	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Beryllium	ND		0.10		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Cadmium	ND		0.13		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Chromium	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Cobalt	ND		0.20		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Copper	ND		1.5		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Lead	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Molybdenum	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Nickel	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Selenium	ND		1.0		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Silver	ND		0.25		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Thallium	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1
Vanadium	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1

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

Lab Sample ID: MB 720-127414/1-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		1.5		mg/Kg		12/19/12 16:16	12/20/12 10:04	1

Lab Sample ID: LCS 720-127414/2-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	45.4		mg/Kg		91	80 - 120
Arsenic	50.0	46.0		mg/Kg		92	80 - 120
Barium	50.0	46.5		mg/Kg		93	80 - 120
Beryllium	50.0	45.9		mg/Kg		92	80 - 120
Cadmium	50.0	48.3		mg/Kg		97	80 - 120
Chromium	50.0	46.2		mg/Kg		92	80 - 120
Cobalt	50.0	47.7		mg/Kg		95	80 - 120
Copper	50.0	46.0		mg/Kg		92	80 - 120
Lead	50.0	48.8		mg/Kg		98	80 - 120
Molybdenum	50.0	48.6		mg/Kg		97	80 - 120
Nickel	50.0	48.7		mg/Kg		97	80 - 120
Selenium	50.0	47.6		mg/Kg		95	80 - 120
Silver	25.0	23.3		mg/Kg		93	80 - 120
Thallium	50.0	48.7		mg/Kg		97	80 - 120
Vanadium	50.0	46.3		mg/Kg		93	80 - 120
Zinc	50.0	46.4		mg/Kg		93	80 - 120

Lab Sample ID: LCSD 720-127414/3-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	46.2		mg/Kg		92	80 - 120	2	20
Arsenic	50.0	46.8		mg/Kg		94	80 - 120	2	20
Barium	50.0	47.2		mg/Kg		94	80 - 120	1	20
Beryllium	50.0	46.5		mg/Kg		93	80 - 120	1	20
Cadmium	50.0	48.7		mg/Kg		97	80 - 120	1	20
Chromium	50.0	45.7		mg/Kg		91	80 - 120	1	20
Cobalt	50.0	48.2		mg/Kg		96	80 - 120	1	20
Copper	50.0	45.6		mg/Kg		91	80 - 120	1	20
Lead	50.0	49.3		mg/Kg		99	80 - 120	1	20
Molybdenum	50.0	48.9		mg/Kg		98	80 - 120	1	20
Nickel	50.0	49.1		mg/Kg		98	80 - 120	1	20
Selenium	50.0	48.7		mg/Kg		97	80 - 120	2	20
Silver	25.0	23.4		mg/Kg		93	80 - 120	0	20
Thallium	50.0	49.1		mg/Kg		98	80 - 120	1	20
Vanadium	50.0	46.0		mg/Kg		92	80 - 120	1	20
Zinc	50.0	46.9		mg/Kg		94	80 - 120	1	20

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

Lab Sample ID: LCSSRM 720-127414/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127470 — **Prep Batch: 127414**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	76.3	35.9		mg/Kg		47	11 - 101
Arsenic	84.1	73.3		mg/Kg		87	69 - 119
Barium	517	448		mg/Kg		87	61 - 117
Beryllium	153	128		mg/Kg		83	56 - 102
Cadmium	42.0	40.2		mg/Kg		96	67 - 118
Chromium	269	226		mg/Kg		84	67 - 121
Cobalt	323	289		mg/Kg		89	64 - 133
Copper	263	219		mg/Kg		83	68 - 126
Lead	280	257		mg/Kg		92	62 - 113
Molybdenum	215	203		mg/Kg		94	62 - 128
Nickel	106	97.2		mg/Kg		92	65 - 117
Selenium	138	134		mg/Kg		97	63 - 126
Silver	50.4	45.0		mg/Kg		89	51 - 130
Thallium	331	303		mg/Kg		91	64 - 124
Vanadium	142	123		mg/Kg		86	67 - 123
Zinc	574	496		mg/Kg		86	62 - 110

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-127556/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127627 — **Prep Batch: 127556**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		12/21/12 10:24	12/22/12 13:15	1

Lab Sample ID: LCS 720-127556/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127627 — **Prep Batch: 127556**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.833		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 720-127556/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 127627 — **Prep Batch: 127556**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.875		mg/Kg		105	80 - 120	5	20

GC/MS VOA

Analysis Batch: 127452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-6	SP-4	Total/NA	Solid	8260B/CA_LUFT MS	127481
LCS 720-127481/2-A	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	127481
LCSD 720-127481/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	127481
MB 720-127481/1-A	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	127481

Prep Batch: 127481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-6	SP-4	Total/NA	Solid	5035	
LCS 720-127481/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 720-127481/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 720-127481/1-A	Method Blank	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 127616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	3546	
LCS 720-127616/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-127616/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-127616/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 127706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	8270C	127616
LCS 720-127616/2-A	Lab Control Sample	Total/NA	Solid	8270C	127616
LCSD 720-127616/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	127616
MB 720-127616/1-A	Method Blank	Total/NA	Solid	8270C	127616

GC Semi VOA

Prep Batch: 127577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Silica Gel Cleanup	Solid	3546	
LCS 720-127577/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-127577/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-127577/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 127614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-127577/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	127577
LCSD 720-127577/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	127577
MB 720-127577/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	127577

Analysis Batch: 127615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Silica Gel Cleanup	Solid	8015B	127577

GC Semi VOA (Continued)

Prep Batch: 127673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	3546	
LCS 720-127673/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-127673/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-127673/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 127727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	8081A	127673
LCS 720-127673/2-A	Lab Control Sample	Total/NA	Solid	8081A	127673
LCSD 720-127673/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	127673
MB 720-127673/1-A	Method Blank	Total/NA	Solid	8081A	127673

Metals

Prep Batch: 127414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	3050B	
LCS 720-127414/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-127414/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-127414/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-127414/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 127470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-127414/2-A	Lab Control Sample	Total/NA	Solid	6010B	127414
LCSD 720-127414/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	127414
LCSSRM 720-127414/25-A	Lab Control Sample	Total/NA	Solid	6010B	127414
MB 720-127414/1-A	Method Blank	Total/NA	Solid	6010B	127414

Prep Batch: 127556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	7471A	
LCS 720-127556/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-127556/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-127556/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 127627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	7471A	127556
LCS 720-127556/2-A	Lab Control Sample	Total/NA	Solid	7471A	127556
LCSD 720-127556/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	127556
MB 720-127556/1-A	Method Blank	Total/NA	Solid	7471A	127556

Analysis Batch: 127649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	6010B	127414

Analysis Batch: 127732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46773-5	COMPOSITE -1	Total/NA	Solid	6010B	127414

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Client Sample ID: COMPOSITE -1

Lab Sample ID: 720-46773-5

Date Collected: 12/19/12 11:20

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			127616	12/22/12 10:49	ND	TAL SF
Total/NA	Analysis	8270C		1	127706	12/26/12 19:33	ML	TAL SF
Silica Gel Cleanup	Prep	3546			127577	12/21/12 15:54	ND	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	127615	12/22/12 18:48	DH	TAL SF
Total/NA	Prep	3546			127673	12/24/12 13:44	ND	TAL SF
Total/NA	Analysis	8081A		1	127727	12/27/12 00:04	BA	TAL SF
Total/NA	Prep	7471A			127556	12/21/12 10:24	ASB	TAL SF
Total/NA	Analysis	7471A		1	127627	12/22/12 13:59	ASB	TAL SF
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127649	12/22/12 00:35	CAM	TAL SF
Total/NA	Analysis	6010B		4	127732	12/26/12 13:53	EFH	TAL SF

Client Sample ID: SP-4

Lab Sample ID: 720-46773-6

Date Collected: 12/19/12 11:23

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127481	12/19/12 18:45	YB	TAL SF
Total/NA	Analysis	8260B/CA_LUFTMS		1	127452	12/20/12 17:18	AC	TAL SF

Laboratory References:

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

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8081A	Organochlorine Pesticides (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46773-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-46773-5	COMPOSITE -1	Solid	12/19/12 11:20	12/19/12 12:43
720-46773-6	SP-4	Solid	12/19/12 11:23	12/19/12 12:43

CORNERSTONE EARTH GROUP

Chain of Custody Record

720 46773

143063

12/27/2012

	Project Manager: Peter Langtry	Site Contact: Randall Bleichner	Date: 12/19/12	COC No:
Cornerstone Earth Group, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ 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: Chipman Storage	☐ 3 days			
Site: 1551 Buena Vista Ave Alameda	☐ 2 days			
Project Number: 557-1-4	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPHd/Mo (8015) with Silica Clean Up	OCPs (8081)	CAM 17 Metals	SVOCs (8270)	VOCs (8260)	STLC/TCLP (EXTRACTION ONLY)	Laboratory's Sample Specific Notes:
SP-1	12/19/12	1120	LINER	SOIL	1								HOLD
SP-2		1121			1								HOLD
SP-3		1122			1								HOLD
SP-4		1123			1								HOLD
COMPOSITE-1							X	X	X		X		
SP-4		1123	CNO	SOIL	3					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:
COMPOSITE: SP-1, SP-2 SP-3, SP-4 INTO COMPOSITE-1

8-6°C 4hrs

Relinquished by:	Company: CEG	Date/Time: 1242 12/19/12	Received by:	Company: TRSF	Date/Time: 12/18/12 1243
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-46773-1

Login Number: 46773

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Apostol, Anita

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.	True	
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	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

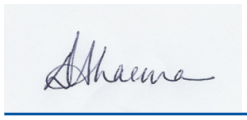
ANALYTICAL REPORT

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

TestAmerica Job ID: 720-46768-1
Client Project/Site: Chipman Storage

For:
Cornerstone Earth Group
1270 Springbrook Road, Suite 101
Walnut Creek, California 94597

Attn: Peter Langtry



Authorized for release by:
12/20/2012 3:03:52 PM
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Designee for

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Qualifiers

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-46768-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-46768-1

Comments
No additional comments.

Receipt
The samples were received on 12/19/2012 12:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.6º C.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 127414 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Client Sample ID: CS-1 (3') — Lab Sample ID: 720-46768-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	31		2.0		mg/Kg	4		6010B	Total/NA

Client Sample ID: CS-2 (3') — Lab Sample ID: 720-46768-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.0		1.9		mg/Kg	4		6010B	Total/NA

Client Sample ID: CS-3 (3') — Lab Sample ID: 720-46768-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.6		1.9		mg/Kg	4		6010B	Total/NA

Client Sample ID: CS-4 (3') — Lab Sample ID: 720-46768-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	950		1.9		mg/Kg	4		6010B	Total/NA

Client Sample ID: CS-5 (4') — Lab Sample ID: 720-46768-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.0		1.9		mg/Kg	4		6010B	Total/NA

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Method: 6010B - Metals (ICP)

Client Sample ID: CS-1 (3')
Date Collected: 12/19/12 11:10
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46768-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31		2.0		mg/Kg		12/19/12 16:16	12/20/12 10:25	4

Client Sample ID: CS-2 (3')
Date Collected: 12/19/12 11:12
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46768-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.0		1.9		mg/Kg		12/19/12 16:16	12/20/12 10:33	4

Client Sample ID: CS-3 (3')
Date Collected: 12/19/12 11:13
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46768-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.6		1.9		mg/Kg		12/19/12 16:16	12/20/12 10:37	4

Client Sample ID: CS-4 (3')
Date Collected: 12/19/12 11:15
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46768-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	950		1.9		mg/Kg		12/19/12 16:16	12/20/12 10:42	4

Client Sample ID: CS-5 (4')
Date Collected: 12/19/12 11:17
Date Received: 12/19/12 12:43

Lab Sample ID: 720-46768-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.0		1.9		mg/Kg		12/19/12 16:16	12/20/12 10:54	4

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-127414/1-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		12/19/12 16:16	12/20/12 10:04	1

Lab Sample ID: LCS 720-127414/2-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.8		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 720-127414/3-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	49.3		mg/Kg		99	80 - 120	1	20

Lab Sample ID: LCSSRM 720-127414/25-A
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	280	257		mg/Kg		92	62 - 113

Lab Sample ID: 720-46768-1 MS
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: CS-1 (3')
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	31		48.1	92.6	F	mg/Kg		128	75 - 125

Lab Sample ID: 720-46768-1 MSD
Matrix: Solid
Analysis Batch: 127470

Client Sample ID: CS-1 (3')
Prep Type: Total/NA
Prep Batch: 127414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	31		48.1	96.0	F	mg/Kg		135	75 - 125	4	20

QC Association Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Metals

Prep Batch: 127414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46768-1	CS-1 (3')	Total/NA	Solid	3050B	
720-46768-1 MS	CS-1 (3')	Total/NA	Solid	3050B	
720-46768-1 MSD	CS-1 (3')	Total/NA	Solid	3050B	
720-46768-2	CS-2 (3')	Total/NA	Solid	3050B	
720-46768-3	CS-3 (3')	Total/NA	Solid	3050B	
720-46768-4	CS-4 (3')	Total/NA	Solid	3050B	
720-46768-5	CS-5 (4')	Total/NA	Solid	3050B	
LCS 720-127414/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-127414/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-127414/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-127414/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 127470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-46768-1	CS-1 (3')	Total/NA	Solid	6010B	127414
720-46768-1 MS	CS-1 (3')	Total/NA	Solid	6010B	127414
720-46768-1 MSD	CS-1 (3')	Total/NA	Solid	6010B	127414
720-46768-2	CS-2 (3')	Total/NA	Solid	6010B	127414
720-46768-3	CS-3 (3')	Total/NA	Solid	6010B	127414
720-46768-4	CS-4 (3')	Total/NA	Solid	6010B	127414
720-46768-5	CS-5 (4')	Total/NA	Solid	6010B	127414
LCS 720-127414/2-A	Lab Control Sample	Total/NA	Solid	6010B	127414
LCSD 720-127414/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	127414
LCSSRM 720-127414/25-A	Lab Control Sample	Total/NA	Solid	6010B	127414
MB 720-127414/1-A	Method Blank	Total/NA	Solid	6010B	127414

Lab Chronicle

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Client Sample ID: CS-1 (3')

Lab Sample ID: 720-46768-1

Date Collected: 12/19/12 11:10

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127470	12/20/12 10:25	EFH	TAL SF

Client Sample ID: CS-2 (3')

Lab Sample ID: 720-46768-2

Date Collected: 12/19/12 11:12

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127470	12/20/12 10:33	EFH	TAL SF

Client Sample ID: CS-3 (3')

Lab Sample ID: 720-46768-3

Date Collected: 12/19/12 11:13

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127470	12/20/12 10:37	EFH	TAL SF

Client Sample ID: CS-4 (3')

Lab Sample ID: 720-46768-4

Date Collected: 12/19/12 11:15

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127470	12/20/12 10:42	EFH	TAL SF

Client Sample ID: CS-5 (4')

Lab Sample ID: 720-46768-5

Date Collected: 12/19/12 11:17

Matrix: Solid

Date Received: 12/19/12 12:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			127414	12/19/12 16:16	ASB	TAL SF
Total/NA	Analysis	6010B		4	127470	12/20/12 10:54	EFH	TAL SF

Laboratory References:

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

Certification Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Cornerstone Earth Group
Project/Site: Chipman Storage

TestAmerica Job ID: 720-46768-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-46768-1	CS-1 (3')	Solid	12/19/12 11:10	12/19/12 12:43
720-46768-2	CS-2 (3')	Solid	12/19/12 11:12	12/19/12 12:43
720-46768-3	CS-3 (3')	Solid	12/19/12 11:13	12/19/12 12:43
720-46768-4	CS-4 (3')	Solid	12/19/12 11:15	12/19/12 12:43
720-46768-5	CS-5 (4')	Solid	12/19/12 11:17	12/19/12 12:43

CORNERSTONE EARTH GROUP

Chain of Custody Record

720-46768

143062

12/20/2012

	Project Manager: Peter Langtry	Site Contact: Randall Bleichner	Date: 12/19/12	COC No: ____ of ____ COCs
Cornerstone Earth Group, Inc.	Tel/Fax:	Lab Contact:	Carrier:	
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: Chipman Storage	☐ 3 days			
Site: 1551 Buena Vista Ave Alameda	☐ 2 days			
Project Number: 557-1-4	■ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Lead (EPA 6010)	Laboratory's Sample Specific Notes:
CS-1 (3')	12/19/12	1110	LINER	SOIL	1		X	
CS-2 (3')		1112					X	
CS-3 (3')		1113					X	
CS-4 (3')		1115					X	
CS-5 (4')		1117					X	

RUSH

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:

8.6°c < 4hrs.

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	LEG	1242 12/19/12		TBST	12/19/12 1243
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Cornerstone Earth Group

Job Number: 720-46768-1

Login Number: 46768

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

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.	True	
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	

APPENDIX C – DISPOSAL DOCUMENTATION

Customer Summary Report
Criteria: 01/01/2013 12:00 AM to 01/31/2013 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305 (USA)
User: cwillhit
Date: Feb 12 2013, 6:44:24 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)
Ticket Type: All
Customer Type: All
PMT Category: All
Profile:

Ticket Date	Ticket ID	Cust Code	MAS Unique ID	Customer	Generator	Manifest	Profile	Truck	Material	Material Description	Origin	Yards	Tons
1/31/2013	993082	0003283	83735003	Pacific States Environmental	164-ENCINALREALESTATE ALAMEDA	waf	612526CA	9d45030	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Alameda	0	24.08
1/31/2013	993128	0003283	83735003	Pacific States Environmental	164-ENCINALREALESTATE ALAMEDA	WAF	612526CA	9d45030	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Alameda	0	19.32

Disposal Receipt - Driver Copy
Resource Recovery Program

(Printed February 13, 2013 11:04 AM)

*** SEPTAGE STATION A ***

Receiving Location

Waste Type: PROCESS WATER
EBMUD Use: B941-0204-1/TRUCK INDUSTRIAL

EBMUD Decal No.: 00998 **Tank Owner:** Denbeste Transportation, Inc.
Tank Capacity: 5500 gallons **Truck Description:** 372
License Plate: 200 5FD

Company Name: Pacific States
Permit Description: groundwater from excavation
Permit No.: PAST2357-022 **Expires:** 31-Jan-13

Transaction entered by: WWGUARD **Transaction No.:** 332503
Truck recorded at: 31-Jan-13 08:29 AM
Driver has received site orientation

Driver: Tom Deedon