Appendix 4.13-2

Phase II
Environmental Site Assessment

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PHASE II
ENVIRONMENTAL SITE ASSESSMENT
On
Former Green Tree Golf Course
999 Leisure Town Road
Vacaville, California 94538

For

LOEWKE PLANNING ASSOCIATES, INC.

By

GeoSolve, Inc.

Project No. 2016-24

June 24, 2021

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Project No. 2016-24
June 24, 2021

Mr. Michael Loewke, A.I.C.P.
Loewke Planning Associates, Inc.
Mike@loewke.com

Subject: Former Green Tree Golf Course
999 Leisure Town Road
Vacaville, California
PHASE II ENVIRONMENTAL SITE ASSESSMENT

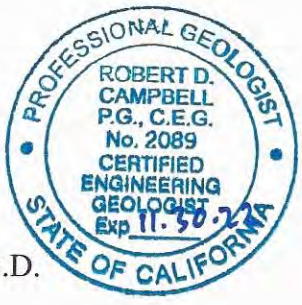
Reference: 1) Phase I Environmental Site Assessment at former Green Tree Golf Course, 999 Leisure Town Road, Vacaville, California
By ***GeoSolve, Inc.***
Dated June 24, 2021

Dear Mr. Loewke:

At your request, ***GeoSolve, Inc.*** has conducted a Phase II Environmental Site Assessment for the above referenced site. The following is a copy of the report, which presents the results of our additional assessment, conclusions, and recommendations for limited soil remediation on the subject site.

Should you have any questions relating to the contents of this report or require any additional information, please contact our office at your convenience.

Sincerely,
GeoSolve, Inc.



Robert D. Campbell, M.S., P.G., C.E.G., Q.S.D.
Principal Engineering Geologist

Copies: 1 to Loewke Planning Associates, Inc.

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INTRODUCTION

At your request, ***GeoSolve, Inc.*** has prepared this Phase II Environmental Site Assessment (ESA) for the above referenced site. Based on the results of our Phase I ESA conducted at the subject site (Reference 1), three Recognized Environmental Conditions (RECs) were documented at the subject site. These RECs included: 1) potential organochlorine and arsenic pesticide residues within the surficial soil; 2) surficial lead around the structures and 3) an un-sued 550-gallon gasoline underground storage tank (UST), which may still be situated beneath the former maintenance yard. Evaluation of the UST is not presented within this Phase II ESA due to scheduling of Norcal Geophysical, Inc. The magnetometer survey around the former maintenance yard will be conducted in late November 2016 and a letter report of the findings will be forthcoming after the work is conducted.

The purpose of this work was to evaluate the lateral and vertical extent of organochloride pesticides and arsenic in all soil samples and lead around the former pro-shop and maintenance yard buildings.

General

Site Background

The subject property is situated within the southeastern portion of Vacaville in Solano County, California, and is comprised of 22 parcels totaling approximately 185.4 acres comprised of the former Green Tree Golf Course. The site is located at 999 Leisure Town Road in Vacaville, California. The property is bounded by Leisure Town Road to the east, Gilly Road to the north, and residential properties to the south and west. Sequoia Drive bisects the golf course between the northern 9 holes and southern 9 holes. The former Green Tree Golf Course was vacant, and the water hazards were dry, and grasses were dead. The location of the site is shown on Figure 1, Site Vicinity Map and Figure 2, Site Plan.

The local topography slopes gradually to the southeast and ranges in elevation from approximately 75 feet to 80 feet above mean sea level (msl). Ulatis Creek is situated on the southern portion of the property and flows west along local drainage. Drainage at the site appears to be toward the southeast, along local topography.

Local Geology and Hydrogeology

Based on published geologic map from Helley et al. (1979), the subject site is underlain by Holocene age coarse-grained alluvium (Qhac), medium-grained alluvium (Qham) and fine-grained

alluvium (Qhaf), which grade courser to finer from the southwest toward the northeast. The course-grained alluvium consists of unconsolidated, moderately sorted, permeable sand and silt with coarse sand and gravel becoming abundant toward alluvial fan heads and in narrow canyons. The coarse-grained alluvium was deposited along ancient alluvial fans eroding from hillsides into valleys. The coarse-grained alluvium ranges from 10 feet to 50 feet in thickness. The medium-grained alluvium consists of unconsolidated, moderately sorted, moderately permeable fine sandy silt and clayey silt with occasional thin beds of course sand with a maximum thickness of 12 feet and was formed along alluvial fan and levee deposits. The fine-grained alluvium consists of unconsolidated, plastic, moderately to poorly sorted silt and clay in organic material and is generally less than 10 feet in thickness. The fine-grained alluvium was formed by standing floodwaters. The course-, medium-, and fine-grained alluvium is underlain by alternating layers of clay, silt, sand, and gravel for up to 1 kilometer (km) in depth, and overlie Tertiary sedimentary and Franciscan Complex bedrock.

The active trace of the Cordelia Fault is situated approximately 20-miles southwest of the site and the Cordelia Fault is considered active by the Alquist-Priolo Earthquake Fault Zoning Act (AP-Zone) of 1994, and is listed as a strike-slip fault with right-lateral movement (http://gmw.consrv.ca.gov/shmp/download/ap/pdf/FAIRFIELD_S.PDF and http://gmw.consrv.ca.gov/shmp/download/ap/pdf/CORDELIA.PDF). The subject site is situated on coarse-grained alluvium; therefore, the liquefaction risk at the subject site is not probable during a moderate to strong earthquake event.

Based on groundwater monitoring data collected by the City of Vacaville monitoring well MW-14, depth to groundwater ranges from 20 feet to 30 feet below ground surface (bgs) and flows toward the southeast (http://www.water.ca.gov/waterdatalibrary/groundwater/hydrographs/brr_hydro.cfm?CFGRIDKEY=48481).

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Prior to conducting fieldwork, a Site-Specific Health and Safety Plan was prepared and left on the job site, which detailed the directions to the nearest hospital and recommended personal protective equipment (PPE) level. Level D was selected for this project. In addition, the randomly selected boring locations were marked in white paint and underground service alert (USA) was contacted at least 48-hours prior to commencement of fieldwork to identify any underground utilities. Pacific Gas and Electric Company (PG&E) utility locator met us on site to map all electrical and gas lines.

Fieldwork

On October 19, 2016, a ***GeoSolve, Inc.*** field geologist visited the property and supervised Penecore Drilling, Inc. of Woodland, California, a State-licensed drilling contractor (C57-802334) advance 25 shallow borings (B-1 through B-25) using a Geoprobe 6600 track-mounted direct-push drilling rig, equipped with a stainless steel, dual-tube acetate lined sampling system, to obtain continuous shallow soil cores at the site. All borings were advanced to 2 feet bgs. Acetate liners were extracted from all borings for description and laboratory analysis. Soil samples were hand collected at 0.5-, 1-, 1.5-, and 2-feet bgs by hand using a hack saw, in which the sample lengths were measured using a ruler, and the cut sample ends were covered with Teflon tape, capped, labeled, and placed within a pre-chilled ice-chest for temporary storage. The locations of borings B-1 through B-25 are shown on Figure 2, Site Plan.

Once sampling activities were completed in all the borings, the borings were backfilled with neat cement to grade.

On October 19, 2016, a ***GeoSolve, Inc.*** field geologist also used laboratory supplied glass jars to collect eight surficial soil samples (S-1 through S-8) around the former pro-shop and maintenance yard buildings. The soil samples were collected at approximately 0.5-foot bgs and each soil sample glass jar was sealed, labeled, and placed within a pre-chilled ice chest for temporary storage. The location of soil samples S-1 through S-8 are shown on Figure 3, Lead Soil Sample Locations.

Laboratory Analytical Methods

All soil samples collected from the subject site were submitted under chain-of-custody documentation to McCampbell Analytical, Inc., a State-certified hazardous waste testing laboratory (Certification No. 1644), in Pittsburg, California, for potential analysis. Soil samples collected from borings B-1 through B-25 at a depth of 0.5-foot bgs were analyzed for arsenic and organochloride pesticides using Environmental Protection Agency (EPA) Methods SW3050B/SW6020 and SW3550B/SW8081. Arsenic background soil samples AS-1 through AS-4 were also analyzed for arsenic using EPA Methods SW3050B/SW6020. In addition, soil samples S-1 through S-8 were analyzed for lead using EPA Methods SW3050B/SW6020. The soil samples collected at 1-, 1.5- and 2-feet bgs were held by the laboratory.

Laboratory Analytical Results

Laboratory analytical results of shallow soil samples collected from borings B-1 through B-25 indicated no detectable (less than 0.001 milligram per kilogram [mg/Kg] to less than 0.025 mg/Kg)

to 0.0748 mg/Kg for chlordane. Arsenic was detected in every soil sample from borings B-1 through B-25 at concentrations ranging from 4.0 mg/Kg to 11 mg/Kg and arsenic background soil samples AS-1 through AS-4 ranged in concentration of 2.4 mg/Kg to 9.4 mg/Kg.

Lead was detected around the former pro-shop and maintenance yard from 2.5 mg/Kg to 8,200 mg/Kg (soil sample S-5).

The laboratory analytical results are shown on Table 1, Analytical Results of Soil Samples, and a copy of the McCampbell Analytical, Inc. laboratory analytical report and chain-of-custody document are attached to Appendix A.

Table 1
Analytical Results of Soil Samples
999 Leisure Town Road
Vacaville, California
October 19, 2016

Sample ID	Depth (feet)	DDT (mg/Kg)	DDE (mg/Kg)	DDD (mg/Kg)	Chlordane (mg/Kg)	Dieldrin (mg/Kg)	Other Pesticides (mg/Kg)	Arsenic (mg/Kg)	Lead (mg/Kg)
B1-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	5.0	NA
B2-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	7.0	NA
B3-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.8	NA
B4-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.8	NA
B5-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.8	NA
B6-0.5	0.5	0.002	<0.001	<0.001	0.0748	0.0047	<0.001 - <0.025	8.5	NA
B7-0.5	0.5	<0.001	0.0013	<0.001	0.0048	0.0041	<0.001 - <0.025	7.4	NA
B8-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	7.1	NA
B9-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	4.0	NA
B10-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	4.4	NA
B11-0.5	0.5	0.0019	0.0041	0.00076	<0.025	<0.001	<0.001 - <0.025	2.5	NA
B12-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	4.2	NA
B13-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	7.3	NA
B14-0.5	0.5	<0.001	0.00097	<0.001	<0.025	<0.001	<0.001 - <0.025	7.0	NA
B15-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.5	NA
B16-0.5	0.5	0.0026	0.0016	<0.001	0.00066	<0.001	<0.001 - <0.025	9.5	NA
B17-0.5	0.5	0.0025	0.0016	<0.001	<0.025	<0.001	<0.001 - <0.025	9.9	NA
B18-0.5	0.5	0.0021	0.0016	<0.001	<0.025	<0.001	<0.001 - <0.025	7.7	NA
B19-0.5	0.5	0.0023	0.0022	<0.001	<0.025	<0.001	<0.001 - <0.025	11	NA
B20-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	8.3	NA
B21-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.9	NA
B22-0.5	0.5	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001 - <0.025	6.6	NA
B23-0.5	0.5	0.0017	0.0012	<0.001	<0.025	<0.001	<0.001 - <0.025	8.0	NA
B24-0.5	0.5	<0.001	0.0011	<0.001	<0.025	<0.001	<0.001 - <0.025	12	NA
B25-0.5	0.5	0.002	0.0056	<0.001	<0.025	<0.001	<0.001 - <0.025	9.5	NA
S-1	0.5	NA	NA	NA	NA	NA	NA	NA	18
S-2	0.5	NA	NA	NA	NA	NA	NA	NA	14
S-3	0.5	NA	NA	NA	NA	NA	NA	NA	21
S-4	0.5	NA	NA	NA	NA	NA	NA	NA	8.3
S-5	0.5	NA	NA	NA	NA	NA	NA	NA	**8,200**
S-6	0.5	NA	NA	NA	NA	NA	NA	NA	18
S-7	0.5	NA	NA	NA	NA	NA	NA	NA	5.6
S-8	0.5	NA	NA	NA	NA	NA	NA	NA	2.5
AS-1	2	NA	NA	NA	NA	NA	NA	2.4	NA
AS-2	2	NA	NA	NA	NA	NA	NA	3.9	NA
AS-3	2	NA	NA	NA	NA	NA	NA	5.1	NA
AS-4	2	NA	NA	NA	NA	NA	NA	9.4	NA
ESLs	---	*1.7*	*1.7*	*2.0*	---		*0.03 – 2*	*0.39**	*80*

mg/Kg	=	milligrams per kilogram, equivalent to parts per million (ppm).
NA	=	Not analyzed.
ESLs	=	Environmental Screening Levels, RWQCB – Region 2, December 2013, Table B.
*	=	Cal EPA uses background concentrations to establish cleanup goals for arsenic.

DISCUSSION

No detectable to very low concentrations of organochloride pesticides were detected in soil samples collected at 0.5 foot within borings B-1 through B-25 indicated organochloride pesticides were used on the property; however, their use was limited and/or was discontinued a long time ago. No pesticide detected, including DDT, DDE, DDD, Dieldrin or Chlordane, was detected above the California Regional Water Quality Control Board – Region 2 (RWQCB) residential Environmental Screening Levels (ESLs) of 1.7 mg/Kg and 1.7 mg/Kg, 2.0 mg/Kg 0.030 mg/Kg or 0.44 mg/Kg (RWQCB, December 2013).

Lead was mostly detected below the residential ESL of 80 mg/Kg with the exception of sample S-5, which indicated an elevated lead concentration of 8,200 mg/Kg. This elevated lead concentration represents a Federal Hazardous Waste level, which is lead concentrations greater than 1,000 mg/Kg). The likely source of the elevated lead is most likely old leaded paint and/or lead materials.

Arsenic was detected at concentrations ranging from 2.4 mg/Kg to 11 mg/Kg, which represents background arsenic concentrations, especially based on the arsenic background soil sample analytical result up to 9.4 mg/Kg in AS-4. Although the residential ESL for arsenic is 0.39 mg/Kg, the current standard of care methodology through the California Environmental Protection Agency (Cal EPA) and its divisions Department of Toxic Substances Control (DTSC) and the RWQCB utilize background arsenic concentrations to establish permissible levels.

Potential Natural Arsenic Sources and Background Concentrations

Arsenic occurs in more than 200 minerals and is present mainly in the heavy-mineral fraction of soil as arsenate (As^{+5}) or the oxidized form of arsenic. Arsenic is naturally found in the arsenic-ore mineral arsenopyrite (FeAsS) and abundant concentrations of arsenic have been detected in the minerals pyrite (up to 77,000 mg/Kg), marcasite (up to 126,000 mg/Kg), ferric oxyhydroxide and hematite (up to 77,000 mg/Kg) as trace elements (Campbell, 2006). Conversely, the lowest levels of arsenic are found in granitic sandy soils (Chang and et. al., 2004). Higher arsenic levels are associated with alluvial soils, rich in organic matter and soils derived from shales and hydrothermally and metamorphically altered bedrock, ancient hot-spring deposits (Campbell, 2006). Furthermore, in the Background Metal Concentrations in Soils within Northern Santa Clara

County, California (Scott, 1991), the maximum concentration detected for arsenic was reported as 20 mg/Kg.

Upper Confidence Limit Concentration Calculations for Arsenic

GeoSolve, Inc. utilized the EPA's ProUCL 4.00.02 statistical computer program to calculate the background 95% UCL and 95% UCL for arsenic at the subject site indicated a background concentration of 11.5 mg/Kg and an average arsenic concentration of 7.69 using the 95% Student's-t UCL.

The only adverse condition detected at the subject property regarding chemical constituents was lead in sample S-5, which indicated a Federal Hazardous Waste concentration of 8,200 mg/Kg. The soil around the northern edge of the maintenance building should be excavated down to 2 feet bgs in a 10 foot by 15-foot area. The soil must be placed within a 20 cubic yard roll-off bin lined with 6-mil Visqueen. The excavated soil must be re-analyzed for disposal and properly disposed a Hazardous Waste Class I accepting landfill under own-signed Hazardous Waste Manifests. We estimate approximately 20 cubic yards of soil will be excavated and disposed form the property. Disposal costs will depend on re-analyses for disposal, but will probably range from **$10,000 to $15,000**.

CONCLUSIONS

Based on the laboratory analytical results of soil samples collected from borings B-1 through B-25, surficial soil lead samples, and the statistical ProUCL calculations, ***GeoSolve, Inc.*** concludes the following:

- No elevated concentrations of organochloride pesticides were detected in any soil sample analyzed from random borings B-1 through B-25 and were detected below all residential ESLs.

- Most lead concentrations were detected below residential ESL of 80 mg/Kg in surficial soil samples S-1 through S-4, and S-6 through S-8.

- An elevated lead concentration was detected in surficial soil sample S-5 at 8,200 mg/Kg along the northern edge of the former maintenance yard building, which was detected above the Federal Hazardous Waste level of 1,000 mg/Kg and will require remediation.

- The arsenic concentrations detected in all 29 soil samples were determined to be within background concentrations based on the 95% UCL calculations.

- We estimate approximately 20 cubic yards of lead-impacted soil will be generated around sample S-5, the northern edge of the former maintenance yard building.

- Estimated soil excavation and disposal costs will most likely range from $10,000 to $15,000, which does not include professional services or out-of-scope project changes.

RECOMMENDATIONS

Based on the conclusions presented within this Phase II ESA, ***GeoSolve, Inc.*** recommends the following:

- An estimated 20 cubic yards (28 tons) of soil must be excavated and disposed along the northern edge of the former maintenance yard building in a 10 foot by 15 foot by 2-foot excavation by a California Hazardous Waste licensed contractor, undersigned California Hazardous Waste manifests to accepting Class I landfill. Excavation activities should be observed and recorded by a California Professional Geologist and/or Professional Engineer certified in environmental remediation. Excavated soil must be placed within 20 cubic yard Visqueen lined roll-off bins and/or transport trucks. Similarly, excavated soil can be temporary stockpiled on site and placed on and covered with Visqueen.

- Confirmation soil samples must be collected from the excavation limits to determine if the lead impacted soil was removed from the site. Approximately 10 confirmation soil samples should be randomly collected from the excavation limits using clean laboratory supplied glass jars, which should be capped, labeled, and placed, within a pre-chilled ice chest for temporary storage. The confirmation soil samples should be delivered under chain-of-custody documentation to a State-Certified hazardous waste testing laboratory and analyzed for lead analysis using EPA Methods SW3550B/SW6020. If lead concentrations exceed 80 mg/Kg, then additional excavation must be conducted along with additional confirmation soil sampling as described above.

- The excavated areas must be backfilled and compacted with clean imported will to a 95% maximum dry-density. In addition, excavation activities may or may not require demolition of the structures prior to fieldwork and a grading permit will most likely be required by the City of Vacaville.

LIMITATIONS

This report has been prepared for the specific application to this project in a manner consistent with the level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in this area. This report contains information reported to ***GeoSolve, Inc.***, by other sources, accordingly, and errors or omissions may be present that ***GeoSolve, Inc.*** cannot be responsible for. The findings of this report apply to the present condition of the subject property only (as of October 19, 2016); the opinions expressed herein are subject to revision in light of new information relevant to the site and/or in its immediate surroundings. Results from Phase I environmental investigations are based on surficial evidence and public records and databases only. Subsurface conditions of the site cannot be properly evaluated without performing a subsurface environmental investigation and actually testing of the soil, and groundwater for potential contaminants.

REFERENCES

Campbell, R.D., March 2006. Evaluation of Arsenic Levels and Speciation in Groundwater within Pleasanton, California, California State University East, Bay M.S. Geology Thesis, 165 pp.

Chang, Andrew C., Page, Albert L. and Krage, Natalie J., November 2004. *Role of Fertilizer and Micronutrient Applications on Arsenic, Cadmium and Lead Accumulation in California Cropland Soils*, University of California at Riverside, Department of Environmental Sciences submitted to California Department of Food and Agriculture, 124 pages.

GeoSolve, Inc., September 16, 2016. Phase I Environmental Site Assessment at former Green Tree Golf Course at 999 Leisure Town Road, Vacaville, California. ***GeoSolve, Inc.*** Project No. 2016-24.

Helley, E.J. and LaJoie, K.R., 1979. *Flatland Deposits of the San Francisco Bay Region, California – Their Geology and Engineering Properties, and Their Importance to Comprehensive Planning*, United States Geological Survey Professional Paper 943, Plate 3, Scale 1:125,000.

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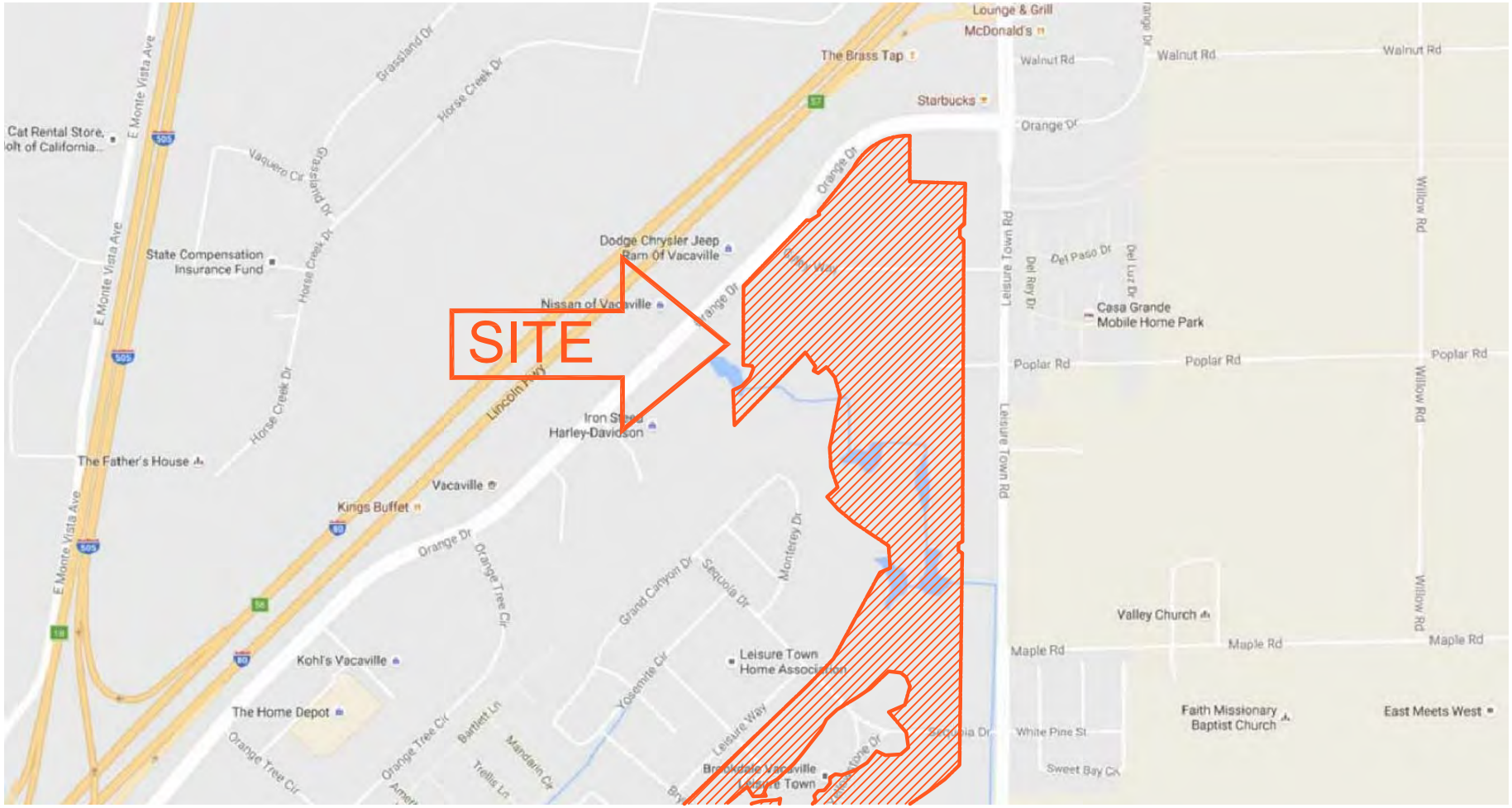
Scott, Christina Marie, December 1991. *Background Metal Concentrations in Soils in Northern Santa Clara County, California – M.S. Thesis at the University of San Francisco Environmental Management Program*, 7 pages.

On-Line References:

http://gmw.consrv.ca.gov/shmp/download/ap/pdf/FAIRFIELD_S.PDF

http://gmw.consrv.ca.gov/shmp/download/ap/pdf/CORDELIA.PDF

http://www.water.ca.gov/waterdatalibrary/groundwater/hydrographs/brr_hydro.cfm?CFGRIDKEY=48481



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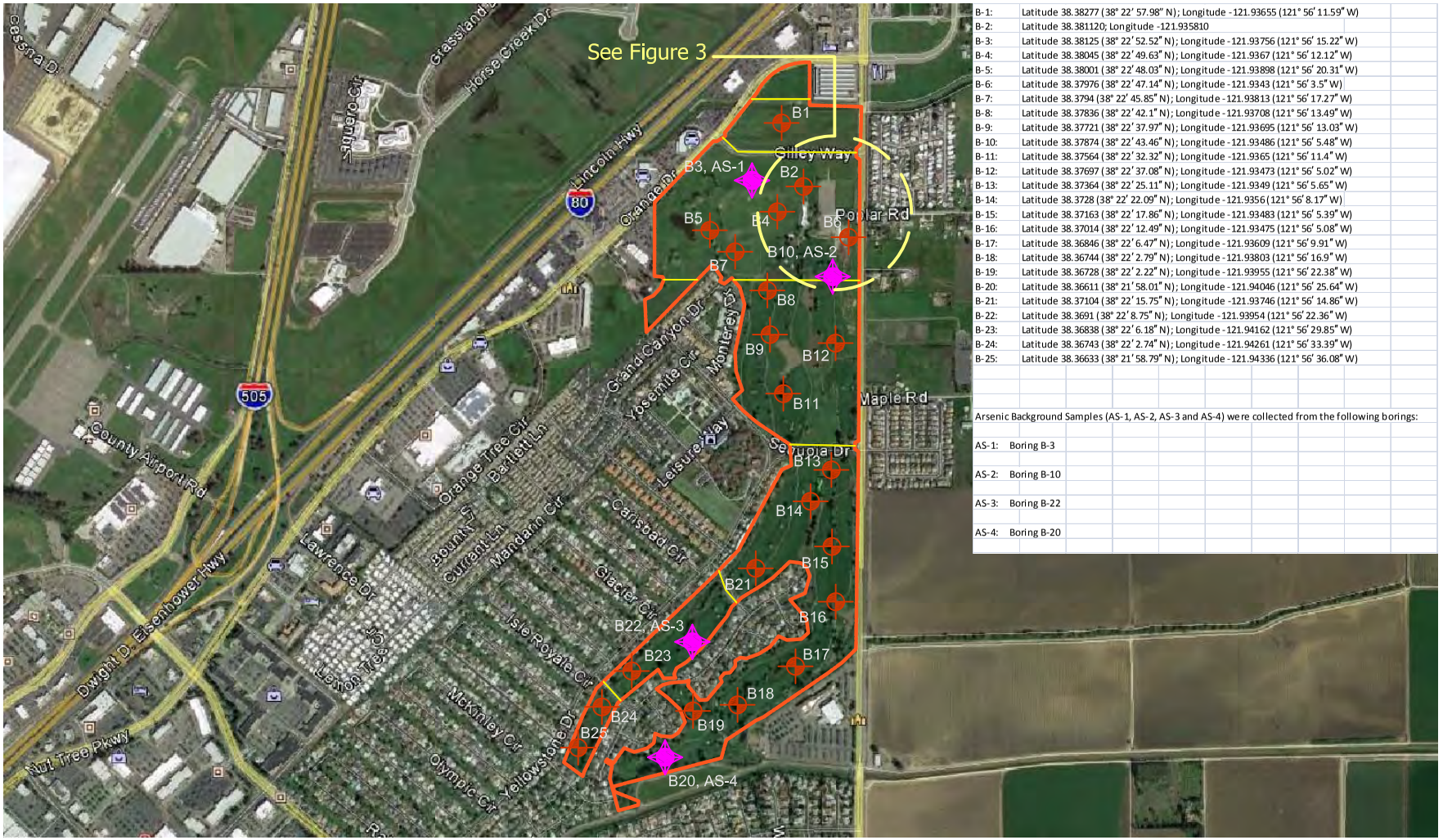
VICINITY MAP

ADDITIONAL PHASE II - ENVIRONMENTAL SITE ASSESSMENT
SCOTT MURRAY
16785 MURPHY MORGAN AVENUE
MORGAN HILL, CALIFORNIA

Project No.	Drawn by:
2016-06	GC
Scale:	Date:
NTS	11/2016

Figure No.
1



B-1:	Latitude 38.38277 (38° 22' 57.98" N); Longitude -121.93655 (121° 56' 11.59" W)
B-2:	Latitude 38.381120; Longitude -121.935810
B-3:	Latitude 38.38125 (38° 22' 52.52" N); Longitude -121.93756 (121° 56' 15.22" W)
B-4:	Latitude 38.38045 (38° 22' 49.63" N); Longitude -121.9367 (121° 56' 12.12" W)
B-5:	Latitude 38.38001 (38° 22' 48.03" N); Longitude -121.93898 (121° 56' 20.31" W)
B-6:	Latitude 38.37976 (38° 22' 47.14" N); Longitude -121.9343 (121° 56' 3.5" W)
B-7:	Latitude 38.3794 (38° 22' 45.85" N); Longitude -121.93813 (121° 56' 17.27" W)
B-8:	Latitude 38.37836 (38° 22' 42.1" N); Longitude -121.93708 (121° 56' 13.49" W)
B-9:	Latitude 38.37721 (38° 22' 37.97" N); Longitude -121.93695 (121° 56' 13.03" W)
B-10:	Latitude 38.37874 (38° 22' 43.46" N); Longitude -121.93486 (121° 56' 5.48" W)
B-11:	Latitude 38.37564 (38° 22' 32.32" N); Longitude -121.9365 (121° 56' 11.4" W)
B-12:	Latitude 38.37697 (38° 22' 37.08" N); Longitude -121.93473 (121° 56' 5.02" W)
B-13:	Latitude 38.37364 (38° 22' 25.11" N); Longitude -121.9349 (121° 56' 5.65" W)
B-14:	Latitude 38.3728 (38° 22' 22.09" N); Longitude -121.9356 (121° 56' 8.17" W)
B-15:	Latitude 38.37163 (38° 22' 17.86" N); Longitude -121.93483 (121° 56' 5.39" W)
B-16:	Latitude 38.37014 (38° 22' 12.49" N); Longitude -121.93475 (121° 56' 5.08" W)
B-17:	Latitude 38.36846 (38° 22' 6.47" N); Longitude -121.93609 (121° 56' 9.91" W)
B-18:	Latitude 38.36744 (38° 22' 2.79" N); Longitude -121.93803 (121° 56' 16.9" W)
B-19:	Latitude 38.36728 (38° 22' 2.22" N); Longitude -121.93955 (121° 56' 22.38" W)
B-20:	Latitude 38.36611 (38° 21' 58.01" N); Longitude -121.94046 (121° 56' 25.64" W)
B-21:	Latitude 38.37104 (38° 22' 15.75" N); Longitude -121.93746 (121° 56' 14.86" W)
B-22:	Latitude 38.3691 (38° 22' 8.75" N); Longitude -121.93954 (121° 56' 22.36" W)
B-23:	Latitude 38.36838 (38° 22' 6.18" N); Longitude -121.94162 (121° 56' 29.85" W)
B-24:	Latitude 38.36743 (38° 22' 2.74" N); Longitude -121.94261 (121° 56' 33.39" W)
B-25:	Latitude 38.36633 (38° 21' 58.79" N); Longitude -121.94336 (121° 56' 36.08" W)

Arsenic Background Samples (AS-1, AS-2, AS-3 and AS-4) were collected from the following borings:

AS-1:	Boring B-3
AS-2:	Boring B-10
AS-3:	Boring B-22
AS-4:	Boring B-20

LEGEND

- Property Line
- B1 — Boring Locations
- B3, AS-1 — Boring Locations (Where Arsenic Samples were collected)

N

0 750 1500 3000

Approximate Scale (feet)

GeoSolve, Inc.
Geoscience solutions rather than Status-Quo
Address: 1807 Santa Rita Rd, Suite D-165
Pleasanton, California 94566
Visit us at www.geosolve-inc.com

SITE PLAN

ADDITIONAL PHASE II - ENVIRONMENTAL SITE ASSESSMENT
SCOTT MURRAY
16785 MURPHY MORGAN AVENUE
MORGAN HILL, CALIFORNIA

Project No.	Drawn by:
2016-12	GC
Scale:	Date:
AS SHOWN	11/2016

Figure No. 2

LEGEND

S-1 Lead Surficial Soil Sample Location

Suspended Location of UST

N

0 50 100 200

Approximate Scale (feet)

GeoSolve, Inc.
Geoscience solutions rather than Status-Quo
Address: 1807 Santa Rita Rd, Suite D-165
Pleasanton, California 94566
Visit us at www.geosolve-inc.com

LEAD SOILSAMPLE LOCATIONS

ADDITIONAL PHASE II - ENVIRONMENTAL SITE ASSESSMENT
SCOTT MURRAY
16785 MURPHY MORGAN AVENUE
MORGAN HILL, CALIFORNIA

Project No.	Drawn by:
2016-12	GC
Scale:	Date:
AS SHOWN	11/2016

Figure No. 3

APPENDIX A

McCAMPBELL ANALYTICAL, INC. LABORATORY RESULTS AND CHAIN-OF-CUSTODY DOCUMENTS

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1610976

Report Created for: Geosolve, Inc.

1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566

Project Contact: Rob Campbell
Project P.O.: 2016-24
Project Name: 2016-24; Green Trade GC

Project Received: 10/20/2016

Analytical Report reviewed & approved for release on 10/27/2016 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Geosolve, Inc.
Project: 2016-24; Green Trade GC
WorkOrder: 1610976

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

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Glossary of Terms & Qualifier Definitions

Client: Geosolve, Inc.
Project: 2016-24; Green Trade GC
WorkOrder: 1610976

Quality Control Qualifiers

F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B1-0.5	1610976-001A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 11:42
a-BHC	ND	0.00010	0.0010	1	10/23/2016 11:42
b-BHC	ND	0.00025	0.0010	1	10/23/2016 11:42
d-BHC	ND	0.00037	0.0010	1	10/23/2016 11:42
g-BHC	ND	0.000097	0.0010	1	10/23/2016 11:42
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 11:42
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 11:42
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 11:42
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 11:42
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 11:42
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 11:42
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 11:42
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 11:42
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 11:42
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 11:42
Endrin	ND	0.00042	0.0010	1	10/23/2016 11:42
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 11:42
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 11:42
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 11:42
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 11:42
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 11:42
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 11:42
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 11:42
Toxaphene	ND	0.035	0.050	1	10/23/2016 11:42

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/23/2016 11:42

Analyst(s): CK

(Cont.)

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B2-0.5	1610976-005A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 10:34
a-BHC	ND	0.00010	0.0010	1	10/23/2016 10:34
b-BHC	ND	0.00025	0.0010	1	10/23/2016 10:34
d-BHC	ND	0.00037	0.0010	1	10/23/2016 10:34
g-BHC	ND	0.000097	0.0010	1	10/23/2016 10:34
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 10:34
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 10:34
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 10:34
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 10:34
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 10:34
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 10:34
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 10:34
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 10:34
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 10:34
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 10:34
Endrin	ND	0.00042	0.0010	1	10/23/2016 10:34
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 10:34
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 10:34
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 10:34
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 10:34
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 10:34
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 10:34
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 10:34
Toxaphene	ND	0.035	0.050	1	10/23/2016 10:34

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	90	70-130	10/23/2016 10:34

Analyst(s): CK

(Cont.)

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Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B3-0.5	1610976-009A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 21:22
a-BHC	ND	0.00010	0.0010	1	10/23/2016 21:22
b-BHC	ND	0.00025	0.0010	1	10/23/2016 21:22
d-BHC	ND	0.00037	0.0010	1	10/23/2016 21:22
g-BHC	ND	0.000097	0.0010	1	10/23/2016 21:22
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 21:22
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 21:22
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 21:22
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 21:22
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 21:22
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 21:22
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 21:22
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 21:22
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 21:22
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 21:22
Endrin	ND	0.00042	0.0010	1	10/23/2016 21:22
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 21:22
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 21:22
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 21:22
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 21:22
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 21:22
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 21:22
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 21:22
Toxaphene	ND	0.035	0.050	1	10/23/2016 21:22

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	90	70-130	10/23/2016 21:22

Analyst(s): CK

(Cont.)

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Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B4-0.5	1610976-013A	Soil	10/19/2016	GC20	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 14:49
a-BHC	ND	0.00010	0.0010	1	10/22/2016 14:49
b-BHC	ND	0.00025	0.0010	1	10/22/2016 14:49
d-BHC	ND	0.00037	0.0010	1	10/22/2016 14:49
g-BHC	ND	0.000097	0.0010	1	10/22/2016 14:49
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 14:49
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 14:49
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 14:49
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 14:49
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 14:49
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 14:49
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 14:49
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 14:49
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 14:49
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 14:49
Endrin	ND	0.00042	0.0010	1	10/22/2016 14:49
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 14:49
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 14:49
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 14:49
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 14:49
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 14:49
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 14:49
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 14:49
Toxaphene	ND	0.035	0.050	1	10/22/2016 14:49

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	87	70-130	10/22/2016 14:49

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B5-0.5	1610976-017A	Soil	10/19/2016	GC20	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 10:09
a-BHC	ND	0.00010	0.0010	1	10/22/2016 10:09
b-BHC	ND	0.00025	0.0010	1	10/22/2016 10:09
d-BHC	ND	0.00037	0.0010	1	10/22/2016 10:09
g-BHC	ND	0.000097	0.0010	1	10/22/2016 10:09
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 10:09
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 10:09
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 10:09
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 10:09
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 10:09
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 10:09
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 10:09
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 10:09
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 10:09
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 10:09
Endrin	ND	0.00042	0.0010	1	10/22/2016 10:09
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 10:09
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 10:09
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 10:09
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 10:09
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 10:09
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 10:09
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 10:09
Toxaphene	ND	0.035	0.050	1	10/22/2016 10:09

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	87	70-130	10/22/2016 10:09

Analyst(s): CK

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B7-0.5	1610976-025A	Soil	10/19/2016	GC20	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 12:57
a-BHC	ND	0.00010	0.0010	1	10/22/2016 12:57
b-BHC	ND	0.00025	0.0010	1	10/22/2016 12:57
d-BHC	ND	0.00037	0.0010	1	10/22/2016 12:57
g-BHC	ND	0.000097	0.0010	1	10/22/2016 12:57
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 12:57
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 12:57
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 12:57
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 12:57
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 12:57
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 12:57
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 12:57
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 12:57
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 12:57
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 12:57
Endrin	ND	0.00042	0.0010	1	10/22/2016 12:57
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 12:57
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 12:57
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 12:57
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 12:57
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 12:57
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 12:57
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 12:57
Toxaphene	ND	0.035	0.050	1	10/22/2016 12:57

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	86	70-130	10/22/2016 12:57

Analyst(s): CK

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B8-0.5	**1610976-029A**	**Soil**	**10/19/2016**	**GC22**	**128527**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00027	0.0010	1	10/23/2016 20:14
a-BHC	ND		0.00010	0.0010	1	10/23/2016 20:14
b-BHC	ND		0.00025	0.0010	1	10/23/2016 20:14
d-BHC	ND		0.00037	0.0010	1	10/23/2016 20:14
g-BHC	ND		0.000097	0.0010	1	10/23/2016 20:14
Chlordane (Technical)	ND		0.016	0.025	1	10/23/2016 20:14
a-Chlordane	**0.0041**		0.00047	0.0010	1	10/23/2016 20:14
g-Chlordane	**0.00078**	J	0.00021	0.0010	1	10/23/2016 20:14
p,p-DDD	ND		0.00014	0.0010	1	10/23/2016 20:14
p,p-DDE	**0.0013**		0.00032	0.0010	1	10/23/2016 20:14
p,p-DDT	ND		0.00043	0.0010	1	10/23/2016 20:14
Dieldrin	**0.0041**		0.00033	0.0010	1	10/23/2016 20:14
Endosulfan I	ND		0.00065	0.0010	1	10/23/2016 20:14
Endosulfan II	ND		0.00020	0.0010	1	10/23/2016 20:14
Endosulfan sulfate	ND		0.00063	0.0010	1	10/23/2016 20:14
Endrin	ND		0.00042	0.0010	1	10/23/2016 20:14
Endrin aldehyde	ND		0.00020	0.0010	1	10/23/2016 20:14
Endrin ketone	ND		0.00013	0.0010	1	10/23/2016 20:14
Heptachlor	ND		0.00021	0.0010	1	10/23/2016 20:14
Heptachlor epoxide	**0.0027**		0.00020	0.0010	1	10/23/2016 20:14
Hexachlorobenzene	ND		0.00027	0.010	1	10/23/2016 20:14
Hexachlorocyclopentadiene	ND		0.00040	0.020	1	10/23/2016 20:14
Methoxychlor	ND		0.00089	0.0010	1	10/23/2016 20:14
Toxaphene	ND		0.035	0.050	1	10/23/2016 20:14

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	89	70-130	10/23/2016 20:14

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B9-0.5	1610976-033A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 19:06
a-BHC	ND	0.00010	0.0010	1	10/23/2016 19:06
b-BHC	ND	0.00025	0.0010	1	10/23/2016 19:06
d-BHC	ND	0.00037	0.0010	1	10/23/2016 19:06
g-BHC	ND	0.000097	0.0010	1	10/23/2016 19:06
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 19:06
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 19:06
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 19:06
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 19:06
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 19:06
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 19:06
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 19:06
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 19:06
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 19:06
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 19:06
Endrin	ND	0.00042	0.0010	1	10/23/2016 19:06
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 19:06
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 19:06
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 19:06
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 19:06
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 19:06
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 19:06
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 19:06
Toxaphene	ND	0.035	0.050	1	10/23/2016 19:06

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/23/2016 19:06

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B10-0.5	1610976-037A	Soil	10/19/2016	GC20	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 12:01
a-BHC	ND	0.00010	0.0010	1	10/22/2016 12:01
b-BHC	ND	0.00025	0.0010	1	10/22/2016 12:01
d-BHC	ND	0.00037	0.0010	1	10/22/2016 12:01
g-BHC	ND	0.000097	0.0010	1	10/22/2016 12:01
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 12:01
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 12:01
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 12:01
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 12:01
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 12:01
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 12:01
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 12:01
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 12:01
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 12:01
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 12:01
Endrin	ND	0.00042	0.0010	1	10/22/2016 12:01
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 12:01
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 12:01
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 12:01
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 12:01
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 12:01
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 12:01
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 12:01
Toxaphene	ND	0.035	0.050	1	10/22/2016 12:01

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/22/2016 12:01

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B11-0.5	**1610976-041A**	**Soil**	**10/19/2016**	**GC22**	**128527**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00027	0.0010	1	10/23/2016 12:16
a-BHC	ND		0.00010	0.0010	1	10/23/2016 12:16
b-BHC	ND		0.00025	0.0010	1	10/23/2016 12:16
d-BHC	ND		0.00037	0.0010	1	10/23/2016 12:16
g-BHC	ND		0.000097	0.0010	1	10/23/2016 12:16
Chlordane (Technical)	ND		0.016	0.025	1	10/23/2016 12:16
a-Chlordane	ND		0.00047	0.0010	1	10/23/2016 12:16
g-Chlordane	ND		0.00021	0.0010	1	10/23/2016 12:16
p,p-DDD	**0.00076**	J	0.00014	0.0010	1	10/23/2016 12:16
p,p-DDE	**0.0040**		0.00032	0.0010	1	10/23/2016 12:16
p,p-DDT	**0.0019**		0.00043	0.0010	1	10/23/2016 12:16
Dieldrin	ND		0.00033	0.0010	1	10/23/2016 12:16
Endosulfan I	ND		0.00065	0.0010	1	10/23/2016 12:16
Endosulfan II	ND		0.00020	0.0010	1	10/23/2016 12:16
Endosulfan sulfate	ND		0.00063	0.0010	1	10/23/2016 12:16
Endrin	ND		0.00042	0.0010	1	10/23/2016 12:16
Endrin aldehyde	ND		0.00020	0.0010	1	10/23/2016 12:16
Endrin ketone	ND		0.00013	0.0010	1	10/23/2016 12:16
Heptachlor	ND		0.00021	0.0010	1	10/23/2016 12:16
Heptachlor epoxide	ND		0.00020	0.0010	1	10/23/2016 12:16
Hexachlorobenzene	ND		0.00027	0.010	1	10/23/2016 12:16
Hexachlorocyclopentadiene	ND		0.00040	0.020	1	10/23/2016 12:16
Methoxychlor	ND		0.00089	0.0010	1	10/23/2016 12:16
Toxaphene	ND		0.035	0.050	1	10/23/2016 12:16

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	87	70-130	10/23/2016 12:16

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B12-0.5	1610976-045A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 17:24
a-BHC	ND	0.00010	0.0010	1	10/23/2016 17:24
b-BHC	ND	0.00025	0.0010	1	10/23/2016 17:24
d-BHC	ND	0.00037	0.0010	1	10/23/2016 17:24
g-BHC	ND	0.000097	0.0010	1	10/23/2016 17:24
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 17:24
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 17:24
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 17:24
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 17:24
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 17:24
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 17:24
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 17:24
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 17:24
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 17:24
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 17:24
Endrin	ND	0.00042	0.0010	1	10/23/2016 17:24
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 17:24
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 17:24
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 17:24
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 17:24
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 17:24
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 17:24
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 17:24
Toxaphene	ND	0.035	0.050	1	10/23/2016 17:24

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/23/2016 17:24

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B13-0.5	1610976-049A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 20:48
a-BHC	ND	0.00010	0.0010	1	10/23/2016 20:48
b-BHC	ND	0.00025	0.0010	1	10/23/2016 20:48
d-BHC	ND	0.00037	0.0010	1	10/23/2016 20:48
g-BHC	ND	0.000097	0.0010	1	10/23/2016 20:48
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 20:48
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 20:48
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 20:48
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 20:48
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 20:48
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 20:48
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 20:48
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 20:48
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 20:48
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 20:48
Endrin	ND	0.00042	0.0010	1	10/23/2016 20:48
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 20:48
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 20:48
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 20:48
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 20:48
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 20:48
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 20:48
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 20:48
Toxaphene	ND	0.035	0.050	1	10/23/2016 20:48

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	92	70-130	10/23/2016 20:48

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B14-0.5	1610976-053A	Soil	10/19/2016	GC22	128527

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00027	0.0010	1	10/23/2016 16:50
a-BHC	ND		0.00010	0.0010	1	10/23/2016 16:50
b-BHC	ND		0.00025	0.0010	1	10/23/2016 16:50
d-BHC	ND		0.00037	0.0010	1	10/23/2016 16:50
g-BHC	ND		0.000097	0.0010	1	10/23/2016 16:50
Chlordane (Technical)	ND		0.016	0.025	1	10/23/2016 16:50
a-Chlordane	ND		0.00047	0.0010	1	10/23/2016 16:50
g-Chlordane	ND		0.00021	0.0010	1	10/23/2016 16:50
p,p-DDD	ND		0.00014	0.0010	1	10/23/2016 16:50
p,p-DDE	**0.00097**	J	0.00032	0.0010	1	10/23/2016 16:50
p,p-DDT	ND		0.00043	0.0010	1	10/23/2016 16:50
Dieldrin	ND		0.00033	0.0010	1	10/23/2016 16:50
Endosulfan I	ND		0.00065	0.0010	1	10/23/2016 16:50
Endosulfan II	ND		0.00020	0.0010	1	10/23/2016 16:50
Endosulfan sulfate	ND		0.00063	0.0010	1	10/23/2016 16:50
Endrin	ND		0.00042	0.0010	1	10/23/2016 16:50
Endrin aldehyde	ND		0.00020	0.0010	1	10/23/2016 16:50
Endrin ketone	ND		0.00013	0.0010	1	10/23/2016 16:50
Heptachlor	ND		0.00021	0.0010	1	10/23/2016 16:50
Heptachlor epoxide	ND		0.00020	0.0010	1	10/23/2016 16:50
Hexachlorobenzene	ND		0.00027	0.010	1	10/23/2016 16:50
Hexachlorocyclopentadiene	ND		0.00040	0.020	1	10/23/2016 16:50
Methoxychlor	ND		0.00089	0.0010	1	10/23/2016 16:50
Toxaphene	ND		0.035	0.050	1	10/23/2016 16:50

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	92	70-130	10/23/2016 16:50

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B15-0.5	1610976-057A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 17:58
a-BHC	ND	0.00010	0.0010	1	10/23/2016 17:58
b-BHC	ND	0.00025	0.0010	1	10/23/2016 17:58
d-BHC	ND	0.00037	0.0010	1	10/23/2016 17:58
g-BHC	ND	0.000097	0.0010	1	10/23/2016 17:58
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 17:58
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 17:58
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 17:58
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 17:58
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 17:58
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 17:58
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 17:58
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 17:58
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 17:58
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 17:58
Endrin	ND	0.00042	0.0010	1	10/23/2016 17:58
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 17:58
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 17:58
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 17:58
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 17:58
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 17:58
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 17:58
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 17:58
Toxaphene	ND	0.035	0.050	1	10/23/2016 17:58

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	90	70-130	10/23/2016 17:58

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B16-0.5	**1610976-061A**	**Soil**	**10/19/2016**	**GC22**	**128527**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00027	0.0010	1	10/23/2016 11:08
a-BHC	ND		0.00010	0.0010	1	10/23/2016 11:08
b-BHC	ND		0.00025	0.0010	1	10/23/2016 11:08
d-BHC	ND		0.00037	0.0010	1	10/23/2016 11:08
g-BHC	ND		0.000097	0.0010	1	10/23/2016 11:08
Chlordane (Technical)	ND		0.016	0.025	1	10/23/2016 11:08
a-Chlordane	**0.00066**	J	0.00047	0.0010	1	10/23/2016 11:08
g-Chlordane	ND		0.00021	0.0010	1	10/23/2016 11:08
p,p-DDD	ND		0.00014	0.0010	1	10/23/2016 11:08
p,p-DDE	**0.0016**		0.00032	0.0010	1	10/23/2016 11:08
p,p-DDT	**0.0026**		0.00043	0.0010	1	10/23/2016 11:08
Dieldrin	ND		0.00033	0.0010	1	10/23/2016 11:08
Endosulfan I	ND		0.00065	0.0010	1	10/23/2016 11:08
Endosulfan II	ND		0.00020	0.0010	1	10/23/2016 11:08
Endosulfan sulfate	ND		0.00063	0.0010	1	10/23/2016 11:08
Endrin	ND		0.00042	0.0010	1	10/23/2016 11:08
Endrin aldehyde	ND		0.00020	0.0010	1	10/23/2016 11:08
Endrin ketone	ND		0.00013	0.0010	1	10/23/2016 11:08
Heptachlor	ND		0.00021	0.0010	1	10/23/2016 11:08
Heptachlor epoxide	**0.00023**	J	0.00020	0.0010	1	10/23/2016 11:08
Hexachlorobenzene	ND		0.00027	0.010	1	10/23/2016 11:08
Hexachlorocyclopentadiene	ND		0.00040	0.020	1	10/23/2016 11:08
Methoxychlor	ND		0.00089	0.0010	1	10/23/2016 11:08
Toxaphene	ND		0.035	0.050	1	10/23/2016 11:08

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	89	70-130	10/23/2016 11:08

Analyst(s): CK

(Cont.)

NELAP 4033ORELAP

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B17-0.5	1610976-065A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 12:51
a-BHC	ND	0.00010	0.0010	1	10/23/2016 12:51
b-BHC	ND	0.00025	0.0010	1	10/23/2016 12:51
d-BHC	ND	0.00037	0.0010	1	10/23/2016 12:51
g-BHC	ND	0.000097	0.0010	1	10/23/2016 12:51
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 12:51
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 12:51
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 12:51
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 12:51
p,p-DDE	**0.0016**	0.00032	0.0010	1	10/23/2016 12:51
p,p-DDT	**0.0025**	0.00043	0.0010	1	10/23/2016 12:51
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 12:51
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 12:51
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 12:51
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 12:51
Endrin	ND	0.00042	0.0010	1	10/23/2016 12:51
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 12:51
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 12:51
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 12:51
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 12:51
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 12:51
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 12:51
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 12:51
Toxaphene	ND	0.035	0.050	1	10/23/2016 12:51

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	89	70-130	10/23/2016 12:51

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B18-0.5	**1610976-069A**	**Soil**	**10/19/2016**	**GC22**	**128527**

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 16:16
a-BHC	ND	0.00010	0.0010	1	10/23/2016 16:16
b-BHC	ND	0.00025	0.0010	1	10/23/2016 16:16
d-BHC	ND	0.00037	0.0010	1	10/23/2016 16:16
g-BHC	ND	0.000097	0.0010	1	10/23/2016 16:16
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 16:16
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 16:16
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 16:16
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 16:16
p,p-DDE	**0.0016**	0.00032	0.0010	1	10/23/2016 16:16
p,p-DDT	**0.0021**	0.00043	0.0010	1	10/23/2016 16:16
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 16:16
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 16:16
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 16:16
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 16:16
Endrin	ND	0.00042	0.0010	1	10/23/2016 16:16
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 16:16
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 16:16
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 16:16
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 16:16
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 16:16
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 16:16
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 16:16
Toxaphene	ND	0.035	0.050	1	10/23/2016 16:16

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	92	70-130	10/23/2016 16:16

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B19-0.5	1610976-073A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 07:19
a-BHC	ND	0.00010	0.0010	1	10/22/2016 07:19
b-BHC	ND	0.00025	0.0010	1	10/22/2016 07:19
d-BHC	ND	0.00037	0.0010	1	10/22/2016 07:19
g-BHC	ND	0.000097	0.0010	1	10/22/2016 07:19
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 07:19
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 07:19
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 07:19
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 07:19
p,p-DDE	**0.0022**	0.00032	0.0010	1	10/22/2016 07:19
p,p-DDT	**0.0023**	0.00043	0.0010	1	10/22/2016 07:19
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 07:19
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 07:19
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 07:19
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 07:19
Endrin	ND	0.00042	0.0010	1	10/22/2016 07:19
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 07:19
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 07:19
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 07:19
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 07:19
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 07:19
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 07:19
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 07:19
Toxaphene	ND	0.035	0.050	1	10/22/2016 07:19

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/22/2016 07:19

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B20-0.5	1610976-077A	Soil	10/19/2016	GC22	128527

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 19:40
a-BHC	ND	0.00010	0.0010	1	10/23/2016 19:40
b-BHC	ND	0.00025	0.0010	1	10/23/2016 19:40
d-BHC	ND	0.00037	0.0010	1	10/23/2016 19:40
g-BHC	ND	0.000097	0.0010	1	10/23/2016 19:40
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 19:40
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 19:40
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 19:40
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 19:40
p,p-DDE	ND	0.00032	0.0010	1	10/23/2016 19:40
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 19:40
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 19:40
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 19:40
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 19:40
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 19:40
Endrin	ND	0.00042	0.0010	1	10/23/2016 19:40
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 19:40
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 19:40
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 19:40
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 19:40
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 19:40
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 19:40
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 19:40
Toxaphene	ND	0.035	0.050	1	10/23/2016 19:40

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	89	70-130	10/23/2016 19:40

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B21-0.5	1610976-081A	Soil	10/19/2016	GC20	128528

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 13:53
a-BHC	ND	0.00010	0.0010	1	10/22/2016 13:53
b-BHC	ND	0.00025	0.0010	1	10/22/2016 13:53
d-BHC	ND	0.00037	0.0010	1	10/22/2016 13:53
g-BHC	ND	0.000097	0.0010	1	10/22/2016 13:53
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 13:53
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 13:53
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 13:53
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 13:53
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 13:53
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 13:53
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 13:53
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 13:53
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 13:53
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 13:53
Endrin	ND	0.00042	0.0010	1	10/22/2016 13:53
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 13:53
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 13:53
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 13:53
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 13:53
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 13:53
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 13:53
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 13:53
Toxaphene	ND	0.035	0.050	1	10/22/2016 13:53

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	87	70-130	10/22/2016 13:53

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B22-0.5	1610976-085A	Soil	10/19/2016	GC20	128528

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/22/2016 11:05
a-BHC	ND	0.00010	0.0010	1	10/22/2016 11:05
b-BHC	ND	0.00025	0.0010	1	10/22/2016 11:05
d-BHC	ND	0.00037	0.0010	1	10/22/2016 11:05
g-BHC	ND	0.000097	0.0010	1	10/22/2016 11:05
Chlordane (Technical)	ND	0.016	0.025	1	10/22/2016 11:05
a-Chlordane	ND	0.00047	0.0010	1	10/22/2016 11:05
g-Chlordane	ND	0.00021	0.0010	1	10/22/2016 11:05
p,p-DDD	ND	0.00014	0.0010	1	10/22/2016 11:05
p,p-DDE	ND	0.00032	0.0010	1	10/22/2016 11:05
p,p-DDT	ND	0.00043	0.0010	1	10/22/2016 11:05
Dieldrin	ND	0.00033	0.0010	1	10/22/2016 11:05
Endosulfan I	ND	0.00065	0.0010	1	10/22/2016 11:05
Endosulfan II	ND	0.00020	0.0010	1	10/22/2016 11:05
Endosulfan sulfate	ND	0.00063	0.0010	1	10/22/2016 11:05
Endrin	ND	0.00042	0.0010	1	10/22/2016 11:05
Endrin aldehyde	ND	0.00020	0.0010	1	10/22/2016 11:05
Endrin ketone	ND	0.00013	0.0010	1	10/22/2016 11:05
Heptachlor	ND	0.00021	0.0010	1	10/22/2016 11:05
Heptachlor epoxide	ND	0.00020	0.0010	1	10/22/2016 11:05
Hexachlorobenzene	ND	0.00027	0.010	1	10/22/2016 11:05
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/22/2016 11:05
Methoxychlor	ND	0.00089	0.0010	1	10/22/2016 11:05
Toxaphene	ND	0.035	0.050	1	10/22/2016 11:05

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/22/2016 11:05

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B24-0.5	1610976-093A	Soil	10/19/2016	GC22	128528

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00027	0.0010	1	10/23/2016 18:32
a-BHC	ND	0.00010	0.0010	1	10/23/2016 18:32
b-BHC	ND	0.00025	0.0010	1	10/23/2016 18:32
d-BHC	ND	0.00037	0.0010	1	10/23/2016 18:32
g-BHC	ND	0.000097	0.0010	1	10/23/2016 18:32
Chlordane (Technical)	ND	0.016	0.025	1	10/23/2016 18:32
a-Chlordane	ND	0.00047	0.0010	1	10/23/2016 18:32
g-Chlordane	ND	0.00021	0.0010	1	10/23/2016 18:32
p,p-DDD	ND	0.00014	0.0010	1	10/23/2016 18:32
p,p-DDE	**0.0011**	0.00032	0.0010	1	10/23/2016 18:32
p,p-DDT	ND	0.00043	0.0010	1	10/23/2016 18:32
Dieldrin	ND	0.00033	0.0010	1	10/23/2016 18:32
Endosulfan I	ND	0.00065	0.0010	1	10/23/2016 18:32
Endosulfan II	ND	0.00020	0.0010	1	10/23/2016 18:32
Endosulfan sulfate	ND	0.00063	0.0010	1	10/23/2016 18:32
Endrin	ND	0.00042	0.0010	1	10/23/2016 18:32
Endrin aldehyde	ND	0.00020	0.0010	1	10/23/2016 18:32
Endrin ketone	ND	0.00013	0.0010	1	10/23/2016 18:32
Heptachlor	ND	0.00021	0.0010	1	10/23/2016 18:32
Heptachlor epoxide	ND	0.00020	0.0010	1	10/23/2016 18:32
Hexachlorobenzene	ND	0.00027	0.010	1	10/23/2016 18:32
Hexachlorocyclopentadiene	ND	0.00040	0.020	1	10/23/2016 18:32
Methoxychlor	ND	0.00089	0.0010	1	10/23/2016 18:32
Toxaphene	ND	0.035	0.050	1	10/23/2016 18:32

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	88	70-130	10/23/2016 18:32

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B/3620B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B6-0.5	**1610976-021A**	**Soil**	**10/19/2016**	**GC22**	**128572**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	10/24/2016 14:52
a-BHC	ND	0.0010	1	10/24/2016 14:52
b-BHC	ND	0.0010	1	10/24/2016 14:52
d-BHC	ND	0.0010	1	10/24/2016 14:52
g-BHC	ND	0.0010	1	10/24/2016 14:52
Chlordane (Technical)	**0.059**	0.025	1	10/24/2016 14:52
a-Chlordane	**0.0086**	0.0010	1	10/24/2016 14:52
g-Chlordane	**0.0072**	0.0010	1	10/24/2016 14:52
p,p-DDD	ND	0.0010	1	10/24/2016 14:52
p,p-DDE	ND	0.0010	1	10/24/2016 14:52
p,p-DDT	**0.0020**	0.0010	1	10/24/2016 14:52
Dieldrin	**0.0047**	0.0010	1	10/24/2016 14:52
Endosulfan I	ND	0.0010	1	10/24/2016 14:52
Endosulfan II	ND	0.0010	1	10/24/2016 14:52
Endosulfan sulfate	ND	0.0010	1	10/24/2016 14:52
Endrin	ND	0.0010	1	10/24/2016 14:52
Endrin aldehyde	ND	0.0010	1	10/24/2016 14:52
Endrin ketone	ND	0.0010	1	10/24/2016 14:52
Heptachlor	ND	0.0010	1	10/24/2016 14:52
Heptachlor epoxide	ND	0.0010	1	10/24/2016 14:52
Hexachlorobenzene	ND	0.010	1	10/24/2016 14:52
Hexachlorocyclopentadiene	ND	0.020	1	10/24/2016 14:52
Methoxychlor	ND	0.0010	1	10/24/2016 14:52
Toxaphene	ND	0.050	1	10/24/2016 14:52

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	90	70-130	10/24/2016 14:52

Analyst(s): CK

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B/3620B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B23-0.5	**1610976-089A**	**Soil**	**10/19/2016**	**GC22**	**128573**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	10/24/2016 15:26
a-BHC	ND	0.0010	1	10/24/2016 15:26
b-BHC	ND	0.0010	1	10/24/2016 15:26
d-BHC	ND	0.0010	1	10/24/2016 15:26
g-BHC	ND	0.0010	1	10/24/2016 15:26
Chlordane (Technical)	ND	0.025	1	10/24/2016 15:26
a-Chlordane	ND	0.0010	1	10/24/2016 15:26
g-Chlordane	ND	0.0010	1	10/24/2016 15:26
p,p-DDD	ND	0.0010	1	10/24/2016 15:26
p,p-DDE	**0.0012**	0.0010	1	10/24/2016 15:26
p,p-DDT	**0.0017**	0.0010	1	10/24/2016 15:26
Dieldrin	ND	0.0010	1	10/24/2016 15:26
Endosulfan I	ND	0.0010	1	10/24/2016 15:26
Endosulfan II	ND	0.0010	1	10/24/2016 15:26
Endosulfan sulfate	ND	0.0010	1	10/24/2016 15:26
Endrin	ND	0.0010	1	10/24/2016 15:26
Endrin aldehyde	ND	0.0010	1	10/24/2016 15:26
Endrin ketone	ND	0.0010	1	10/24/2016 15:26
Heptachlor	ND	0.0010	1	10/24/2016 15:26
Heptachlor epoxide	ND	0.0010	1	10/24/2016 15:26
Hexachlorobenzene	ND	0.010	1	10/24/2016 15:26
Hexachlorocyclopentadiene	ND	0.020	1	10/24/2016 15:26
Methoxychlor	ND	0.0010	1	10/24/2016 15:26
Toxaphene	ND	0.050	1	10/24/2016 15:26

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	91	70-130	10/24/2016 15:26

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3550B/3620B
Date Prepared:	10/21/16	**Analytical Method:**	SW8081A
Project:	2016-24; Green Trade GC	**Unit:**	mg/kg

Organochlorine Pesticides w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B25-0.5	**1610976-097A**	**Soil**	**10/19/2016**	**GC22**	**128573**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	10/24/2016 16:01
a-BHC	ND	0.0010	1	10/24/2016 16:01
b-BHC	ND	0.0010	1	10/24/2016 16:01
d-BHC	ND	0.0010	1	10/24/2016 16:01
g-BHC	ND	0.0010	1	10/24/2016 16:01
Chlordane (Technical)	ND	0.025	1	10/24/2016 16:01
a-Chlordane	ND	0.0010	1	10/24/2016 16:01
g-Chlordane	ND	0.0010	1	10/24/2016 16:01
p,p-DDD	ND	0.0010	1	10/24/2016 16:01
p,p-DDE	**0.0056**	0.0010	1	10/24/2016 16:01
p,p-DDT	**0.0020**	0.0010	1	10/24/2016 16:01
Dieldrin	ND	0.0010	1	10/24/2016 16:01
Endosulfan I	ND	0.0010	1	10/24/2016 16:01
Endosulfan II	ND	0.0010	1	10/24/2016 16:01
Endosulfan sulfate	ND	0.0010	1	10/24/2016 16:01
Endrin	ND	0.0010	1	10/24/2016 16:01
Endrin aldehyde	ND	0.0010	1	10/24/2016 16:01
Endrin ketone	ND	0.0010	1	10/24/2016 16:01
Heptachlor	ND	0.0010	1	10/24/2016 16:01
Heptachlor epoxide	ND	0.0010	1	10/24/2016 16:01
Hexachlorobenzene	ND	0.010	1	10/24/2016 16:01
Hexachlorocyclopentadiene	ND	0.020	1	10/24/2016 16:01
Methoxychlor	ND	0.0010	1	10/24/2016 16:01
Toxaphene	ND	0.050	1	10/24/2016 16:01

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	85	70-130	10/24/2016 16:01

Analyst(s): CK

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B1-0.5	1610976-001A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**5.0**	0.50	1	10/22/2016 09:42

Surrogates	REC (%)	Limits	
Terbium	109	70-130	10/22/2016 09:42

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B2-0.5	1610976-005A	Soil	10/19/2016	ICP-MS3	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.0**	0.50	1	10/22/2016 03:10

Surrogates	REC (%)	Limits	
Terbium	112	70-130	10/22/2016 03:10

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B3-0.5	1610976-009A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.8**	0.50	1	10/22/2016 06:51

Surrogates	REC (%)	Limits	
Terbium	103	70-130	10/22/2016 06:51

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B4-0.5	1610976-013A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.8**	0.50	1	10/22/2016 09:48

Surrogates	REC (%)	Limits	
Terbium	102	70-130	10/22/2016 09:48

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B5-0.5	1610976-017A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.8**	0.50	1	10/22/2016 06:57

Surrogates	REC (%)	Limits	
Terbium	109	70-130	10/22/2016 06:57

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B6-0.5	1610976-021A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**8.5**	0.50	1	10/22/2016 07:03

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/22/2016 07:03

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B7-0.5	1610976-025A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.4**	0.50	1	10/22/2016 07:10

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/22/2016 07:10

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B8-0.5	1610976-029A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.1**	0.50	1	10/22/2016 07:16

Surrogates	REC (%)	Limits	
Terbium	104	70-130	10/22/2016 07:16

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B9-0.5	1610976-033A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**4.0**	0.50	1	10/22/2016 07:22

Surrogates	REC (%)	Limits	
Terbium	105	70-130	10/22/2016 07:22

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B10-0.5	1610976-037A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**4.4**	0.50	1	10/22/2016 07:48

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/22/2016 07:48

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B11-0.5	1610976-041A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**2.5**	0.50	1	10/22/2016 07:54

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/22/2016 07:54

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B12-0.5	1610976-045A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**4.2**	0.50	1	10/22/2016 08:00

Surrogates	REC (%)	Limits	
Terbium	104	70-130	10/22/2016 08:00

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B13-0.5	1610976-049A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.3**	0.50	1	10/22/2016 09:54

Surrogates	REC (%)	Limits	
Terbium	110	70-130	10/22/2016 09:54

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B14-0.5	1610976-053A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.0**	0.50	1	10/22/2016 10:01

Surrogates	REC (%)	Limits	
Terbium	105	70-130	10/22/2016 10:01

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B15-0.5	1610976-057A	Soil	10/19/2016	ICP-MS2	128519

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.5**	0.50	1	10/22/2016 08:07

Surrogates	REC (%)	Limits	
Terbium	107	70-130	10/22/2016 08:07

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B16-0.5	1610976-061A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**9.5**	0.50	1	10/22/2016 10:07

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/22/2016 10:07

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B17-0.5	1610976-065A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**9.9**	0.50	1	10/22/2016 10:32

Surrogates	REC (%)	Limits	
Terbium	104	70-130	10/22/2016 10:32

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B18-0.5	1610976-069A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**7.7**	0.50	1	10/22/2016 10:39

Surrogates	REC (%)	Limits	
Terbium	107	70-130	10/22/2016 10:39

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B19-0.5	1610976-073A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**11**	0.50	1	10/22/2016 08:13

Surrogates	REC (%)	Limits	
Terbium	102	70-130	10/22/2016 08:13

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B20-0.5	1610976-077A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**8.3**	0.50	1	10/22/2016 08:19

Surrogates	REC (%)	Limits	
Terbium	114	70-130	10/22/2016 08:19

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B21-0.5	1610976-081A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.9**	0.50	1	10/22/2016 03:04

Surrogates	REC (%)	Limits	
Terbium	109	70-130	10/22/2016 03:04

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B22-0.5	1610976-085A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**6.6**	0.50	1	10/22/2016 06:10

Surrogates	REC (%)	Limits	
Terbium	107	70-130	10/22/2016 06:10

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B23-0.5	1610976-089A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**8.0**	0.50	1	10/24/2016 17:49

Surrogates	REC (%)	Limits	
Terbium	119	70-130	10/24/2016 17:49

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B24-0.5	1610976-093A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**12**	0.50	1	10/22/2016 08:26

Surrogates	REC (%)	Limits	
Terbium	113	70-130	10/22/2016 08:26

Analyst(s): DB

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B25-0.5	1610976-097A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**9.5**	0.50	1	10/22/2016 08:32

Surrogates	REC (%)	Limits	
Terbium	113	70-130	10/22/2016 08:32

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
AS-1	1610976-101A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**2.4**	0.50	1	10/22/2016 06:16

Surrogates	REC (%)	Limits	
Terbium	105	70-130	10/22/2016 06:16

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
AS-2	1610976-102A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**3.9**	0.50	1	10/22/2016 06:23

Surrogates	REC (%)	Limits	
Terbium	100	70-130	10/22/2016 06:23

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
AS-3	1610976-103A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**5.1**	0.50	1	10/22/2016 06:29

Surrogates	REC (%)	Limits	
Terbium	104	70-130	10/22/2016 06:29

Analyst(s): DVH

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
AS-4	**1610976-104A**	**Soil**	**10/19/2016**	**ICP-MS3**	**128529**

Analytes	Result	RL	DF	Date Analyzed
Arsenic	**9.4**	0.50	1	10/22/2016 03:16

Surrogates	REC (%)	Limits	
Terbium	108	70-130	10/22/2016 03:16

Analyst(s): DVH

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1610976-105A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**18**	0.50	1	10/22/2016 05:46

Surrogates	REC (%)	Limits	
Terbium	96	70-130	10/22/2016 05:46

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1610976-106A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**14**	0.50	1	10/22/2016 05:52

Surrogates	REC (%)	Limits	
Terbium	101	70-130	10/22/2016 05:52

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1610976-107A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**21**	0.50	1	10/22/2016 03:23

Surrogates	REC (%)	Limits	
Terbium	102	70-130	10/22/2016 03:23

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1610976-108A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**8.3**	0.50	1	10/22/2016 03:29

Surrogates	REC (%)	Limits	
Terbium	107	70-130	10/22/2016 03:29

Analyst(s): DVH

(Cont.)

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Analytical Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Received:	10/20/16 19:00	**Extraction Method:**	SW3050B
Date Prepared:	10/21/16	**Analytical Method:**	SW6020
Project:	2016-24; Green Trade GC	**Unit:**	mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1610976-109A	Soil	10/19/2016	ICP-MS3	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**8200**	10	20	10/24/2016 12:25

Surrogates	REC (%)	Limits	
Terbium	116	70-130	10/24/2016 12:25

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1610976-110A	Soil	10/19/2016	ICP-MS2	128529

Analytes	Result	RL	DF	Date Analyzed
Lead	**18**	0.50	1	10/22/2016 05:04

Surrogates	REC (%)	Limits	
Terbium	106	70-130	10/22/2016 05:04

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1610976-111A	Soil	10/19/2016	ICP-MS3	128530

Analytes	Result	RL	DF	Date Analyzed
Lead	**5.6**	0.50	1	10/24/2016 12:18

Surrogates	REC (%)	Limits	
Terbium	112	70-130	10/24/2016 12:18

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1610976-112A	Soil	10/19/2016	ICP-MS2	128530

Analytes	Result	RL	DF	Date Analyzed
Lead	**2.5**	0.50	1	10/22/2016 03:10

Surrogates	REC (%)	Limits	
Terbium	103	70-130	10/22/2016 03:10

Analyst(s): DB

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128527
Date Analyzed:	10/22/16	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128527 1610976-073AMS/MSD

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0498	0.0010	0.050	-	100	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0515	0.0010	0.050	-	103	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0486	0.0010	0.050	-	97	70-130
Dieldrin	ND	0.0522	0.0010	0.050	-	104	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0568	0.0010	0.050	-	114	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0510	0.0010	0.050	-	102	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0462	0.0456		0.050	92	91	70-130

(Cont.)

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QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128527
Date Analyzed:	10/22/16	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128527 1610976-073AMS/MSD

QC Summary Report for SW8081A

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	0.0490	0.0494	0.050	ND	98	99	70-130	0.764	20
g-BHC	0.0521	0.0522	0.050	ND	104	104	70-130	0	20
p,p-DDT	0.0500	0.0501	0.050	0.002329	95	96	70-130	0.171	20
Dieldrin	0.0524	0.0529	0.050	ND	105	106	70-130	0.961	20
Endrin	0.0575	0.0578	0.050	ND	115	116	70-130	0.585	20
Heptachlor	0.0515	0.0519	0.050	ND	103	104	70-130	0.729	20
Surrogate Recovery									
Decachlorobiphenyl	0.0436	0.0437	0.050		87	87	70-130	0	20

(Cont.)

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128528
Date Analyzed:	10/22/16	**Extraction Method:**	SW3550B
Instrument:	GC20	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128528

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0401	0.0010	0.050	-	80	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0443	0.0010	0.050	-	89	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0437	0.0010	0.050	-	87	70-130
Dieldrin	ND	0.0469	0.0010	0.050	-	94	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0426	0.0010	0.050	-	85	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0443	0.0010	0.050	-	89	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0447	0.0457		0.050	89	91	70-130

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128572
Date Analyzed:	10/24/16	**Extraction Method:**	SW3550B/3620B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128572

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0511	0.0010	0.050	-	102	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0519	0.0010	0.050	-	104	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0482	0.0010	0.050	-	96	70-130
Dieldrin	ND	0.0538	0.0010	0.050	-	108	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0570	0.0010	0.050	-	114	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0508	0.0010	0.050	-	102	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0428	0.0437		0.050	86	87	70-130

(Cont.)

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QA/QC Officer

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128573
Date Analyzed:	10/25/16	**Extraction Method:**	SW3550B/3620B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128573

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0518	0.0010	0.050	-	103	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0529	0.0010	0.050	-	106	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0504	0.0010	0.050	-	101	70-130
Dieldrin	ND	0.0557	0.0010	0.050	-	111	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0588	0.0010	0.050	-	118	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0499	0.0010	0.050	-	100	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0461	0.0468		0.050	92	94	70-130

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/20/16	**BatchID:**	128519
Date Analyzed:	10/22/16	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128519 1610974-008AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Arsenic	ND	50.8	0.50	50	-	102	75-125
Surrogate Recovery							
Terbium	530	526		500	106	105	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	42.5	51.5	50	1.902	81	99	75-125	19.1	20
Surrogate Recovery									
Terbium	436	528	500		87	106	70-130	19.3	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic	ND<2.5	1.902	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

(Cont.)

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128529
Date Analyzed:	10/22/16	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128529 1610976-110AMS/MSD 1610976-110APDS

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Arsenic	ND	52.4	0.50	50	-	105	75-125
Lead	ND	49.1	0.50	50	-	98	75-125
Surrogate Recovery							
Terbium	523	544		500	105	109	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	61.8	59.6	50	9.5	105	100	75-125	3.69	20
Lead	55.9	54.0	50	18.19	75	72,F10	75-125	3.57	20
Surrogate Recovery									
Terbium	546	559	500		109	112	70-130	2.33	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Lead	64.5	50	18.19	93	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic	9.18	9.5	3.37	-
Lead	17.5	18.19	3.79	20

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

(Cont.)

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Quality Control Report

Client:	Geosolve, Inc.	**WorkOrder:**	1610976
Date Prepared:	10/21/16	**BatchID:**	128530
Date Analyzed:	10/22/16	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	2016-24; Green Trade GC	**Sample ID:**	MB/LCS-128530 1610976-112AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Lead	ND	49.5	0.50	50	-	99	75-125
Surrogate Recovery							
Terbium	519	540		500	104	108	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	50.3	49.2	50	2.502	96	93	75-125	2.21	20
Surrogate Recovery									
Terbium	547	539	500		109	108	70-130	1.44	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	2.64	2.502	5.52	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1610976 **ClientCode: GSP**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Rob Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
(925) 963-1198 FAX:

Email: rcampbell@geosolve-inc.com
cc/3rd Party:
PO: 2016-24
ProjectNo: 2016-24; Green Trade GC

Bill to:
Lisa Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
lcampbell@geosolve-inc.com

Requested TAT: **5 days;**

Date Received: **10/20/2016**
Date Logged: **10/21/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1610976-001	B1-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-005	B2-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-009	B3-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-013	B4-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-017	B5-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-021	B6-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-025	B7-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-029	B8-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-033	B9-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-037	B10-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-041	B11-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-045	B12-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-049	B13-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-053	B14-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-057	B15-0.5	Soil	10/19/2016 00:00	☐	A	A										

Test Legend:

1	8081_ESL_S (J)	2	ASMS_TTLC_S	3	PBMS_TTLC_S	4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1610976 **ClientCode: GSP**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Rob Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
(925) 963-1198 FAX:

Email: rcampbell@geosolve-inc.com
cc/3rd Party:
PO: 2016-24
ProjectNo: 2016-24; Green Trade GC

Bill to:
Lisa Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
lcampbell@geosolve-inc.com

Requested TAT: 5 days;

Date Received: **10/20/2016**
Date Logged: **10/21/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1610976-061	B16-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-065	B17-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-069	B18-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-073	B19-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-077	B20-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-081	B21-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-085	B22-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-089	B23-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-093	B24-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-097	B25-0.5	Soil	10/19/2016 00:00	☐	A	A										
1610976-101	AS-1	Soil	10/19/2016 00:00	☐		A										
1610976-102	AS-2	Soil	10/19/2016 00:00	☐		A										
1610976-103	AS-3	Soil	10/19/2016 00:00	☐		A										
1610976-104	AS-4	Soil	10/19/2016 00:00	☐		A										
1610976-105	S-1	Soil	10/19/2016 00:00	☐			A									

Test Legend:

1	8081_ESL_S (J)	2	ASMS_TTLC_S	3	PBMS_TTLC_S	4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1610976 **ClientCode: GSP**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Rob Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
(925) 963-1198 FAX:

Email: rcampbell@geosolve-inc.com
cc/3rd Party:
PO: 2016-24
ProjectNo: 2016-24; Green Trade GC

Bill to:
Lisa Campbell
Geosolve, Inc.
1807 Santa Rita Road, Suite D-165
Pleasanton, CA 94566
lcampbell@geosolve-inc.com

Requested TAT: **5 days;**

Date Received: **10/20/2016**
Date Logged: **10/21/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1610976-106	S-2	Soil	10/19/2016 00:00	☐			A									
1610976-107	S-3	Soil	10/19/2016 00:00	☐			A									
1610976-108	S-4	Soil	10/19/2016 00:00	☐			A									
1610976-109	S-5	Soil	10/19/2016 00:00	☐			A									
1610976-110	S-6	Soil	10/19/2016 00:00	☐			A									
1610976-111	S-7	Soil	10/19/2016 00:00	☐			A									
1610976-112	S-8	Soil	10/19/2016 00:00	☐			A									

Test Legend:

1	8081_ESL_S (J)	2	ASMS_TTLC_S	3	PBMS_TTLC_S	4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-001A	B1-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-002A	B1-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-003A	B1-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-004A	B1-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-005A	B2-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-006A	B2-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-007A	B2-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-008A	B2-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-009A	B3-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-010A	B3-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-011A	B3-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-012A	B3-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-013A	B4-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-013A	B4-0.5	Soil	SW8081A (OC Pesticides)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
1610976-014A	B4-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-015A	B4-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-016A	B4-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-017A	B5-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-018A	B5-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-019A	B5-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-020A	B5-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-021A	B6-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-022A	B6-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-023A	B6-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-024A	B6-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-025A	B7-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-026A	B7-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-027A	B7-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-028A	B7-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-029A	B8-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-030A	B8-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-031A	B8-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-032A	B8-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-033A	B9-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-034A	B9-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-035A	B9-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-036A	B9-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-037A	B10-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-038A	B10-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	

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WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-039A	B10-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-040A	B10-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-041A	B11-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-042A	B11-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-043A	B11-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-044A	B11-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-045A	B12-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-046A	B12-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-047A	B12-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-048A	B12-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-049A	B13-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-050A	B13-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-051A	B13-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	

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WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-052A	B13-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-053A	B14-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-054A	B14-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-055A	B14-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-056A	B14-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-057A	B15-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-058A	B15-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-059A	B15-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-060A	B15-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-061A	B16-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-062A	B16-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-063A	B16-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-064A	B16-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-065A	B17-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-066A	B17-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-067A	B17-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-068A	B17-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-069A	B18-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-070A	B18-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-071A	B18-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-072A	B18-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-073A	B19-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-074A	B19-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-075A	B19-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-076A	B19-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-077A	B20-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-077A	B20-0.5	Soil	SW8081A (OC Pesticides)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
1610976-078A	B20-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-079A	B20-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-080A	B20-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-081A	B21-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-082A	B21-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-083A	B21-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-084A	B21-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-085A	B22-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-086A	B22-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-087A	B22-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-088A	B22-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-089A	B23-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-090A	B3-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-091A	B23-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-092A	B23-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-093A	B24-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-094A	B24-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-095A	B24-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-096A	B24-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-097A	B25-0.5	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1610976-098A	B25-1	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-099A	B25-1.5	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-100A	B25-2	Soil		1	Acetate Liner 1.25"x3"	☐	10/19/2016			☑	
1610976-101A	AS-1	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
1610976-102A	AS-2	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
1610976-103A	AS-3	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: GEOSOLVE, INC. **Project:** 2016-24; Green Trade GC **Work Order:** 1610976
Client Contact: Rob Campbell **QC Level:** LEVEL 2
Contact's Email: rcampbell@geosolve-inc.com **Comments:** **Date Logged:** 10/21/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1610976-104A	AS-4	Soil	SW6020 (Arsenic)	1	Acetate Liner 1.25"x3"	☐	10/19/2016	5 days		☐	
1610976-105A	S-1	Soil	SW6020 (Lead)	1	4OZ GJ	☐	10/19/2016	5 days		☐	
1610976-106A	S-2	Soil	SW6020 (Lead)	1	4OZ GJ	☐	10/19/2016	5 days		☐	
1610976-107A	S-3	Soil	SW6020 (Lead)	1	4OZ GJ	☐	10/19/2016	5 days		☐	
1610976-108A	S-4	Soil	SW6020 (Lead)	1	4OZ GJ	☐	10/19/2016	5 days		☐	
1610976-109A	S-5	Soil	SW6020 (Lead)	1	4OZ GJ	☐	10/19/2016	5 days		☐	
1610976-110A	S-6	Soil	SW6020 (Lead)	1	8OZ Mason Jar	☐	10/19/2016	5 days		☐	
1610976-111A	S-7	Soil	SW6020 (Lead)	1	8OZ Mason Jar	☐	10/19/2016	5 days		☐	
1610976-112A	S-8	Soil	SW6020 (Lead)	1	8OZ Mason Jar	☐	10/19/2016	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature:

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total As 5ppm J
B1-0.5		10.19.16		1					X						X					X												X	
B1-1				1					X						X																X		
B1-1.5				1					X						X																X		
B1-2				1					X						X																X		
B2-0.5				1					X						X					X											X		X
B2-1				1					X						X																X		X
B2-1.5				1					X						X																X		
B2-2				1					X						X																X		
B3-0.5				1					X						X					X													X
B3-1				1					X						X																X		
B3-1.5				1					X						X																X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

*** If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
	10.19.16	1630	
Relinquished By:	Date:	Time:	Received By:
	10/20	1900	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

1 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

McCampbell Analytical, Inc.

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www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ ; Claim #_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other 16	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)*	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic	
B3-2		10.19.16		1					X						X																	X			
B4-0.5				1					X						X					X													X		
B4-1				1					X						X																	X			
B4-1.5				1					X						X																	X			
B4-2				1					X						X																	X			
B5-0.5				1					X						X					X													X		
B5-1				1					X						X																	X			
B5-1.5				1					X						X																	X			
B5-2				1					X						X																	X			
B6-0.5				1					X						X					X													X		
B6-1				1					X						X																	X			

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*If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
[signature]	10.19.16	1630	[signature] 10/20
Relinquished By:	Date:	Time:	Received By:
[signature]	10/20	1900	[signature]
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 2 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		TBH Arsenic	
B6-1.5		10.19.16		1					X						X																X			
B6-2				1					X						X																X			
B7-0.5				1					X						X					X												X		
B7-1				1					X						X																X			
B7-1.5				1					X						X																X			
B7-2				1					X						X																X			
B8-0.5				1					X						X					X												X		
B8-1				1					X						X																X			
B8-1.5				1					X						X																X			
B8-2				1					X						X																X			
B9-0.5				1					X						X					X												X		

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Relinquished By:	Date:	Time:	Received By:
	10/20/16	1630	[signature]
Relinquished By:	Date:	Time:	Received By:
[signature]	10/20	1900	[signature]
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 3 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; Claim #_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature:

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Total Arsenic	
B9-1		10.19.16		1					X						X																X		
B9-1.5				1					X						X																X		
B9-2				1					X						X																X		
B10-0.5				1					X						X					X											X	X	
B10-1				1					X						X																X		
B10-1.5				1					X						X																X		
B10-2				1					X						X																X		
B11-0.5				1					X						X					X											X	X	
B11-1				1					X						X																X		
B11-1.5				1					X						X																X		
B11-2				1					X						X																X		

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*** If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
	10.19.16	1630	10/20
Relinquished By:	Date:	Time:	Received By:
	10/20	1900	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 4 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ ; Claim #_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		PAH		Total Arsenic	
B12-0.5		10.19.16		1					X						X					X													X	
B12-1				1					X						X																	X		
B12-1.5				1					X						X																	X		
B12-2				1					X						X																	X		
B13-0.5				1					X						X					X													X	
B13-1				1					X						X																	X		
B13-1.5				1					X						X																	X		
B13-2				1					X						X																	X		
B14-0.5				1					X						X					X													X	
B14-1				1					X						X																	X		
B14-1.5				1					X						X																	X		

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*** If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
[signature]	10.19.16	1630	[signature] 10/20/16
[signature]	10/20	1900	[signature]

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 5 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

McCampbell Analytical, Inc.

1534 Willow Pass Rd. / Pittsburg, Ca. 94565-1701
www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic	
B14-2		10.19.16		1					X						X																X			
B15-0.5				1					X						X					X												X		
B15-1				1					X						X																X			
B15-1.5				1					X						X																X			
B15-2				1					X						X																X			
B16-0.5				1					X						X					X												X		
B16-1				1					X						X																X			
B16-1.5				1					X						X																X			
B16-2				1					X						X																X			
B17-0.5				1					X						X					X												X		
B17-1				1					X						X																X			

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A If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
[signature]	10.19.16	1630	[signature] 10/20/16
Relinquished By: [signature]	Date: 10/20	Time: 1900	Received By: [signature]
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 6 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd. **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic
B17-1.5		10.19.16		1					X						ice																X		
B17-2				1					X						X																X		
B18-0.5				1					X						X					X												X	
B18-1				1					X						X																X		
B18-1.5				1					X						X																X		
B18-2				1					X						X																X		
B19-0.5				1					X						X					X												X	
B19-1				1					X						X																X		
B19-1.5				1					X						X																X		
B19-2				1					X						X																X		
B20-0.5				1					X						X					X												X	

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Relinquished By:	Date:	Time:	Received By:
[signature]	10.19.16	1630	[signature] 10/20/16
[signature]	10/20	1900	[signature]

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

7 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ ; Claim #_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Bren Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: [signature]

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic
B20 - 1		10.19	16	1					X						X																X		
B20 - 1.5				1					X						X																X		
B20 - 2				1					X						X																X		
B21 - 0.5				1					X						X					X											X		
B21 - 1				1					X						X																X		
B21 - 1.5				1					X						X																X		
B21 - 2				1					X						X																X		
B22 - 0.5				1					X						X					X												X	
B22 - 1				1					X						X																X		
B22 - 1.5				1					X						X																X		
B22 - 2				1					X						X																X		

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Relinquished By:	Date:	Time:	Received By:
[signature]	10.19.16	1630	[signature] 10/20/16
[signature]	10/20	1900	[signature]

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 8 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature:

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic	
B23-0.5		10.19.16		2					X						X					X													X	
B23-1				1					X						X																	X		
B23-1.5				1					X						X																	X		
B23-2				1					X						X																	X		
B24-0.5				1					X						X					X													X	
B24-1				1					X						X																	X		
B24-1.5				1					X						X																	X		
B24-2				1					X						X																	X		
B25-0.5				1					X						X					X													X	
B25-1				1					X						X																	X		
B25-1.5				1					X						X																	X		

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Relinquished By:	Date:	Time:	Received By:
	10.19.16	1630	10/20/16
Relinquished By:	Date:	Time:	Received By:
	10/20	1900	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

9 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐ ; **Claim #**_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc.

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Green Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: Matt Kelly

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)*	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Hold		Total Arsenic	Total Lead
B25-2		10.19	16	1					X						X																X			
AS-1				1					X						X																	X		
AS-2				1					X						X																	X		
AS-3				1					X						X																	X		
AS-4				1					X						X																	X		
S-1				1					X						X																			X
S-2				1					X						X																			X
S-3				1					X						X																			X
S-4				1					X						X																			X
S-5				1					X						X																			X
S-6				1					X						X																			X

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Relinquished By:	Date:	Time:	Received By:	
Matt Kelly	10.19	16 1630		10/20/16
Relinquished By:	Date:	Time:	Received By:	
	10/20	1907		
Relinquished By:	Date:	Time:	Received By:	

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 10 of 11

VOAS O&G METALS ~~OTHER~~ HAZARDOUS:
PRESERVATION_____ pH<2_____

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ ; Claim #_____

Report To: Rob Campbell **Bill To:** GeoSolve, Inc.

Company: GeoSolve, Inc

1807 Santa Rita Rd #D165, Pleasanton, CA

Tele: (925) 963-1198 **E-Mail:** rcampbell@geosolve.net

Project #: 2016-24 **Project Name:** Bren Tree GC

Project Location: 999 Leisure Town Rd **Purchase Order#** 2016-24

Sampler Signature: Rob Campbell

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other (ice)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis		Lead			
S-7		10.19.16		1					X						X																	X			
S-8		10.19.16		1					X						X																	X			

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Relinquished By:	Date:	Time:	Received By:
Rob Campbell	10.19.16	1630	10/20/16
	10/20	0940	

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: 11 of 11

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Geosolve, Inc.**	Date and Time Received	**10/20/2016 19:00**
Project Name:	**2016-24; Green Trade GC**	Date Logged:	**10/21/2016**
		Received by:	Jena Alfaro
WorkOrder №:	**1610976** Matrix: Soil	Logged by:	Jena Alfaro
Carrier:	Benjamin Yslas (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	
Sample/Temp Blank temperature	Temp: 1°C				NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
Samples Received on Ice?	Yes	☑	No	☐	
	(Ice Type: WET ICE)				

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA ☑

Comments: